

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090919\
 Data File : BF116896.D
 Acq On : 9 Sep 2019 15:04
 Operator : HP/JU
 Sample : PB122916BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 09 16:38:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 20:02:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	82725	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	364320	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	190581	20.00	ng	-0.01
64) Phenanthrene-d10	11.35	188	312619	20.00	ng	-0.02
76) Chrysene-d12	13.99	240	229184	20.00	ng	0.00
87) Perylene-d12	15.44	264	160048	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	556551	108.99	ng	0.00
7) Phenol-d6	6.47	99	714362	106.54	ng	0.00
23) Nitrobenzene-d5	7.40	82	410586	64.34	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	166010	130.30	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	753426	66.69	ng	-0.02
79) Terphenyl-d14	12.93	244	743041	59.98	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.67	88	82383	34.950	ng	98
3) Pyridine	3.42	79	188772	27.659	ng	91
4) n-Nitrosodimethylamine	3.36	42	82888	35.367	ng	83
6) Aniline	6.50	93	255214	27.481	ng	96
8) 2-Chlorophenol	6.63	128	242965	43.587	ng	98
9) Benzaldehyde	6.38	77	111279	25.191	ng	99
10) Phenol	6.49	94	312563	42.097	ng	93
11) bis(2-Chloroethyl)ether	6.57	93	238259	41.212	ng	99
12) 1,3-Dichlorobenzene	6.78	146	238736	37.894	ng	96
13) 1,4-Dichlorobenzene	6.85	146	247527	39.464	ng	98
14) 1,2-Dichlorobenzene	7.01	146	234134	40.280	ng	97
15) Benzyl Alcohol	6.98	79	224529	41.253	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.11	45	224162	33.048	ng	86
17) 2-Methylphenol	7.09	107	204534	41.915	ng	97
18) Hexachloroethane	7.35	117	96113	39.441	ng	93
19) n-Nitroso-di-n-propylamine	7.25	70	177832	40.280	ng	90
20) 3+4-Methylphenols	7.25	107	255742	45.075	ng	# 79
22) Acetophenone	7.25	105	353695	40.325	ng	# 96
24) Nitrobenzene	7.42	77	266383	41.042	ng	97
25) Isophorone	7.66	82	497476	38.469	ng	99
26) 2-Nitrophenol	7.73	139	125035	51.816	ng	97
27) 2,4-Dimethylphenol	7.77	122	214931	44.103	ng	100
28) bis(2-Chloroethoxy)methane	7.86	93	299997	37.962	ng	99
29) 2,4-Dichlorophenol	7.98	162	200237	42.754	ng	98
30) 1,2,4-Trichlorobenzene	8.06	180	196142	38.611	ng	98
31) Naphthalene	8.14	128	696752	40.219	ng	99
32) Benzoic acid	7.90	122	140857	51.189	ng	93
33) 4-Chloroaniline	8.19	127	204256	25.902	ng	98
34) Hexachlorobutadiene	8.26	225	109711	39.610	ng	99
35) Caprolactam	8.55	113	32689	18.650	ng	92
36) 4-Chloro-3-methylphenol	8.67	107	236295	43.897	ng	99
37) 2-Methylnaphthalene	8.83	142	483949	41.986	ng	97
38) 1-Methylnaphthalene	8.93	142	443543	40.763	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	184836	40.458	ng	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090919\
 Data File : BF116896.D
 Acq On : 9 Sep 2019 15:04
 Operator : HP/JU
 Sample : PB122916BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 09 16:38:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 20:02:30 2019
 Response via : Initial Calibration

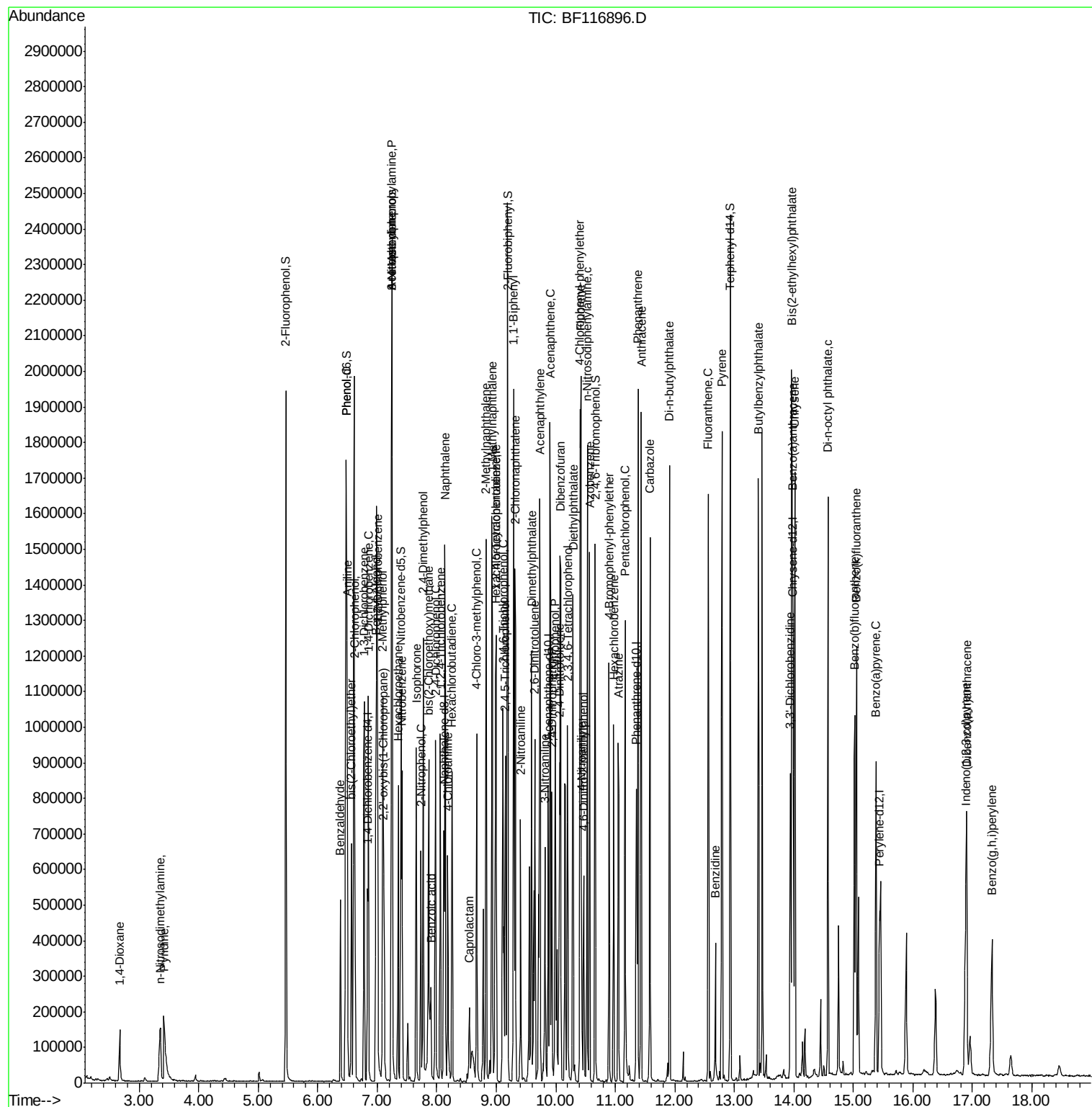
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	155965	59.118	nq	98
43) 2,4,6-Trichlorophenol	9.11	196	134029	42.797	nq	96
44) 2,4,5-Trichlorophenol	9.15	196	146683	45.115	nq	# 90
46) 1,1'-Biphenyl	9.29	154	568176	39.289	nq	97
47) 2-Chloronaphthalene	9.32	162	445939	38.933	nq	98
48) 2-Nitroaniline	9.41	65	139785	42.213	nq	97
49) Acenaphthylene	9.73	152	694306	40.100	nq	99
50) Dimethylphthalate	9.59	163	521251	39.616	nq	98
51) 2,6-Dinitrotoluene	9.65	165	112604	44.855	nq	94
52) Acenaphthene	9.90	154	403927	37.968	nq	99
53) 3-Nitroaniline	9.82	138	97961	31.138	nq	90
54) 2,4-Dinitrophenol	9.93	184	95304	103.942	nq	89
55) Dibenzofuran	10.08	168	613071	40.879	nq	99
56) 4-Nitrophenol	10.00	139	194924	90.362	nq	# 83
57) 2,4-Dinitrotoluene	10.06	165	151129	49.234	nq	92
58) Fluorene	10.42	166	490572	42.930	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	112024	47.741	nq	96
60) Diethylphthalate	10.29	149	527868	40.051	nq	99
61) 4-Chlorophenyl-phenylether	10.41	204	207371	41.441	nq	94
62) 4-Nitroaniline	10.44	138	130735	42.820	nq	95
63) Azobenzene	10.57	77	538276	39.167	nq	95
65) 4,6-Dinitro-2-methylphenol	10.47	198	65527	55.529	nq	77
66) n-Nitrosodiphenylamine	10.53	169	430373	39.796	nq	97
67) 4-Bromophenyl-phenylether	10.90	248	124428	39.180	nq	99
68) Hexachlorobenzene	10.97	284	128718	38.739	nq	94
69) Atrazine	11.06	200	116182	38.358	nq	99
70) Pentachlorophenol	11.16	266	148612	92.458	nq	99
71) Phenanthrene	11.38	178	700651	40.262	nq	100
72) Anthracene	11.43	178	709359	40.493	nq	99
73) Carbazole	11.59	167	673798	40.379	nq	99
74) Di-n-butylphthalate	11.91	149	842665	39.391	nq	100
75) Fluoranthene	12.56	202	709787	41.503	nq	98
77) Benzidine	12.68	184	142650	15.869	nq	100
78) Pyrene	12.79	202	724586	35.566	nq	99
80) Butylbenzylphthalate	13.40	149	350698	35.398	nq	99
81) Benzo(a)anthracene	13.98	228	572149	39.445	nq	99
82) 3,3'-Dichlorobenzidine	13.94	252	166668	34.001	nq	97
83) Chrysene	14.02	228	557683	37.319	nq	97
84) Bis(2-ethylhexyl)phthalate	13.96	149	492484	40.269	nq	99
85) Di-n-octyl phthalate	14.57	149	809502	40.447	nq	# 95
86) Indeno(1,2,3-cd)pyrene	16.89	276	401828	33.477	nq	98
88) Benzo(b)fluoranthene	15.02	252	493107	50.960	nq	98
89) Benzo(k)fluoranthene	15.05	252	468696	53.125	nq	99
90) Benzo(a)pyrene	15.38	252	435936	51.783	nq	99
91) Dibenzo(a,h)anthracene	16.90	278	334180	45.351	nq	97
92) Benzo(g,h,i)perylene	17.33	276	325702	43.339	nq	99

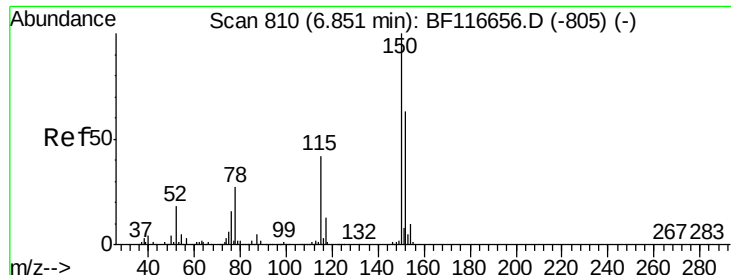
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090919\
Data File : BF116896.D
Acq On : 9 Sep 2019 15:04
Operator : HP/JU
Sample : PB122916BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :

Quant Time: Sep 09 16:38:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 20:02:30 2019
Response via : Initial Calibration



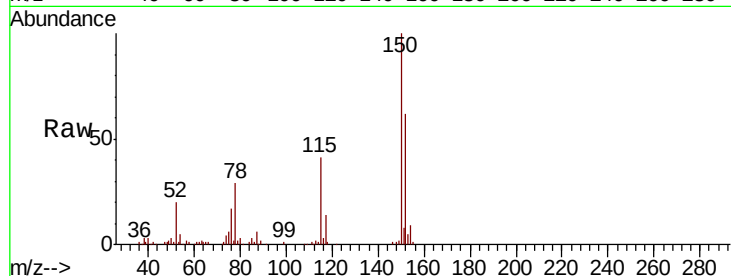


#1

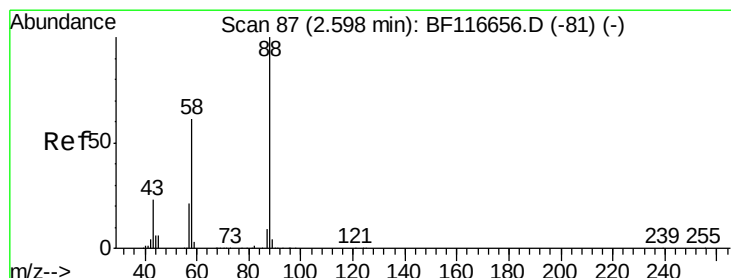
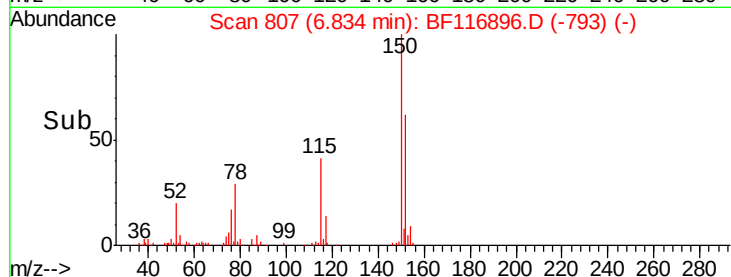
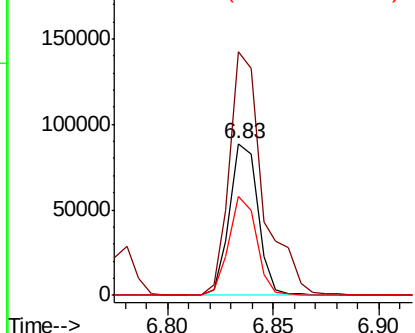
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.02 min
Lab File: BF116896.D
Acq: 9 Sep 2019 15:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.2	124.4	186.6
115	65.5	49.9	74.9



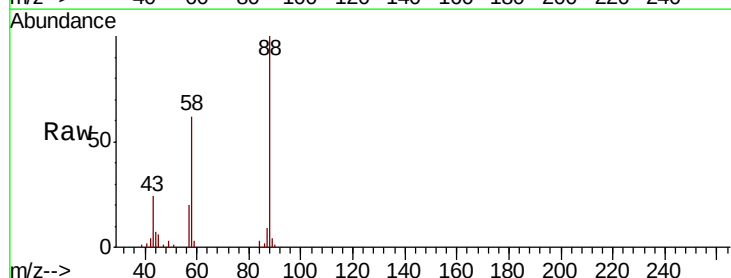
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



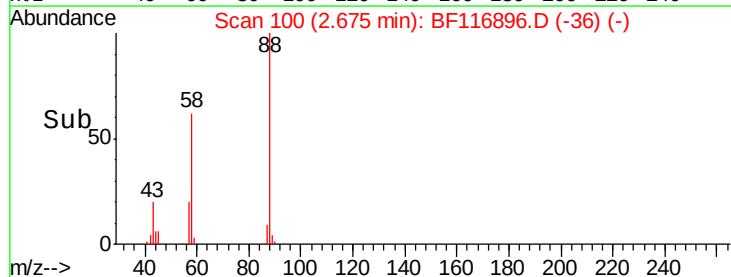
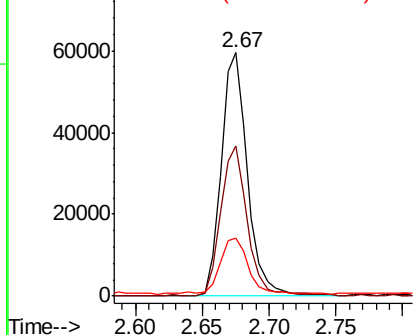
#2

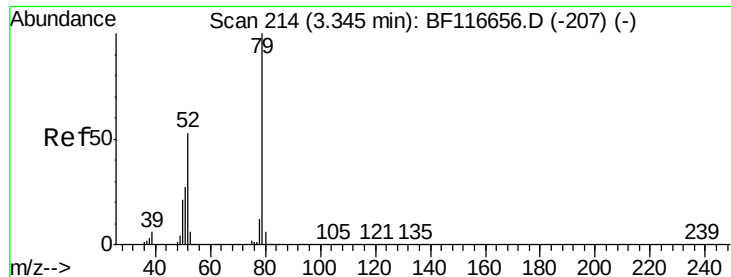
1,4-Dioxane
Concen: 34.950 ng
RT: 2.67 min Scan# 100
Delta R.T. 0.08 min
Lab File: BF116896.D
Acq: 9 Sep 2019 15:04

Tgt Ion	Ratio	Lower	Upper
88	100		
58	62.6	51.7	77.5
43	25.1	19.8	29.8



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 27.659 ng

RT: 3.42 min Scan# 226

Delta R.T. 0.07 min

Lab File: BF116896.D

Acq: 9 Sep 2019 15:04

Instrument :

BNA_F

ClientSampled :

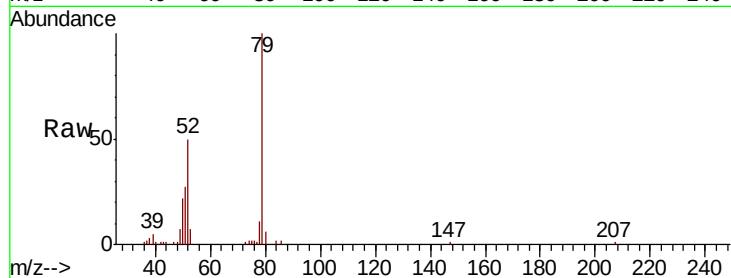
Tot Ion: 79 Resp: 188772

Ion Ratio Lower Upper

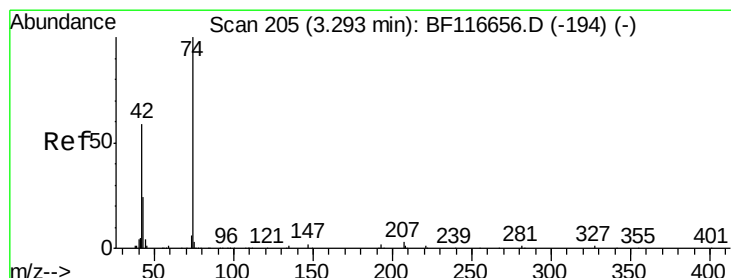
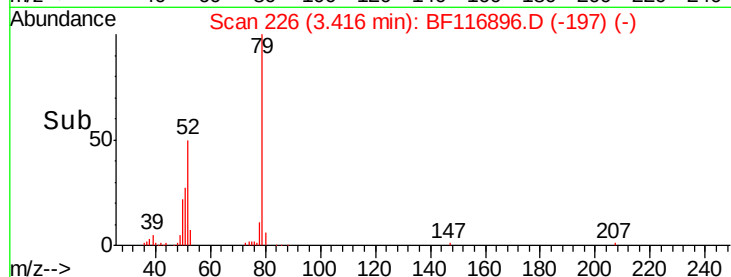
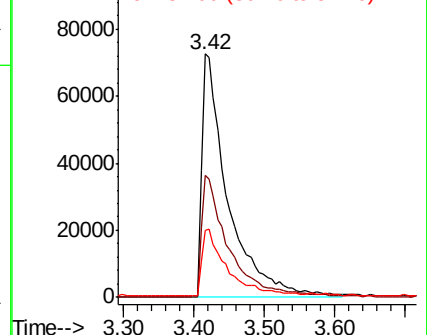
79 100

52 50.4 47.4 71.0

51 27.4 24.1 36.1



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 35.367 ng

RT: 3.36 min Scan# 216

Delta R.T. 0.06 min

Lab File: BF116896.D

Acq: 9 Sep 2019 15:04

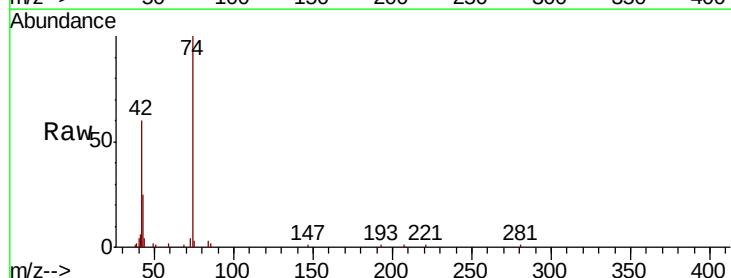
Tgt Ion: 42 Resp: 82888

Ion Ratio Lower Upper

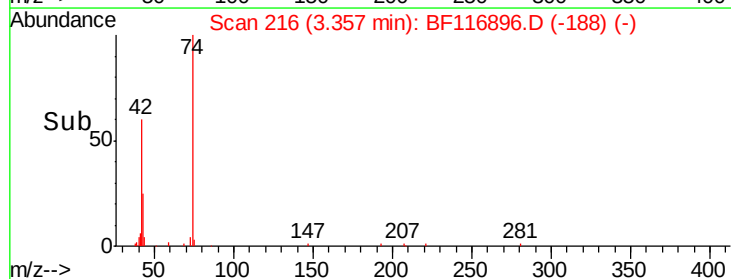
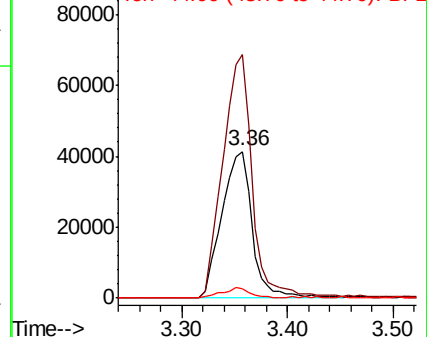
42 100

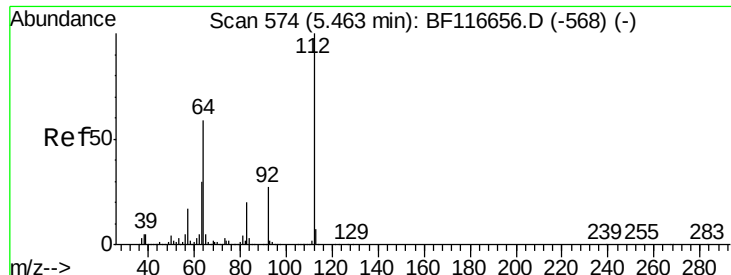
74 166.4 115.6 173.4

44 6.3 4.6 7.0



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 108.993 ng

RT: 5.47 min Scan# 575

Delta R.T. 0.01 min

Lab File: BF116896.D

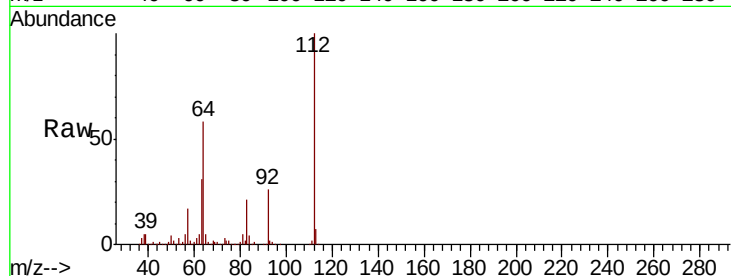
Acq: 9 Sep 2019 15:04

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	112	Resp:	556551
Ion	Ratio	Lower	Upper
112	100		
64	57.5	47.1	70.7
63	31.0	24.9	37.3

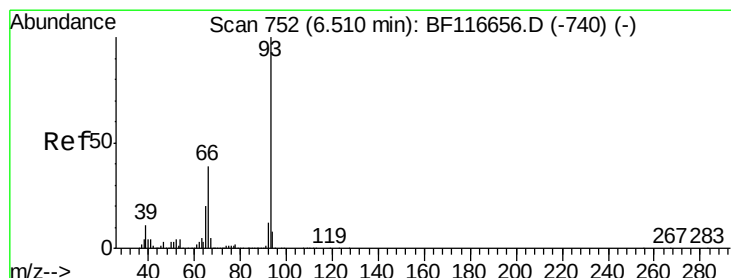
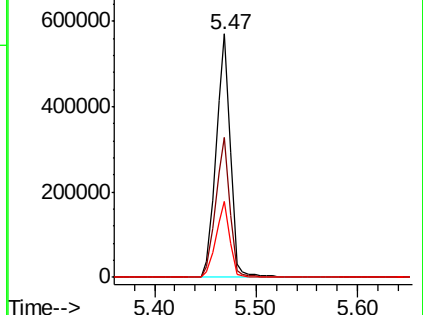
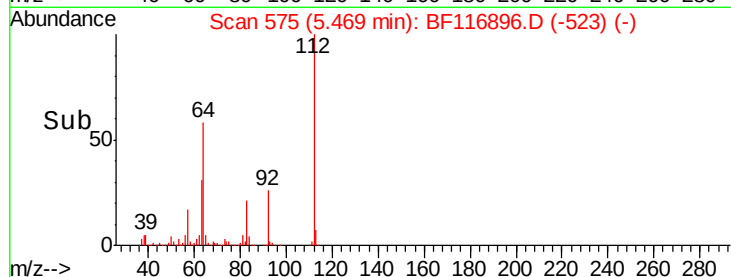


Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Time-->



#6

Aniline

Concen: 27.481 ng

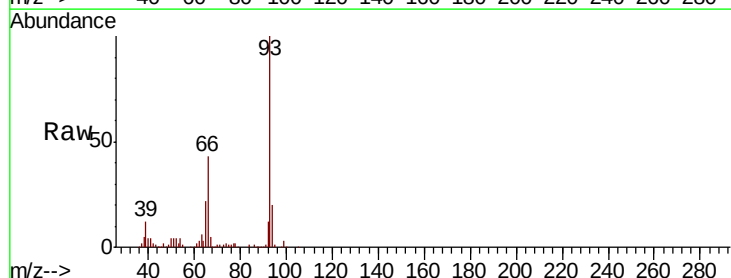
RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF116896.D

Acq: 9 Sep 2019 15:04

Tgt Ion:	93	Resp:	255214
Ion	Ratio	Lower	Upper
93	100		
66	43.4	32.7	49.1
65	22.4	16.3	24.5

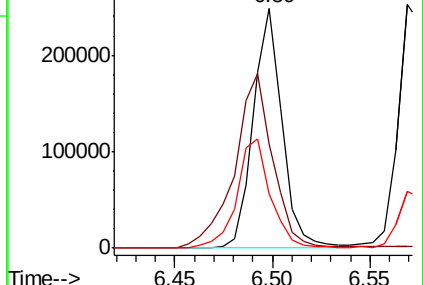
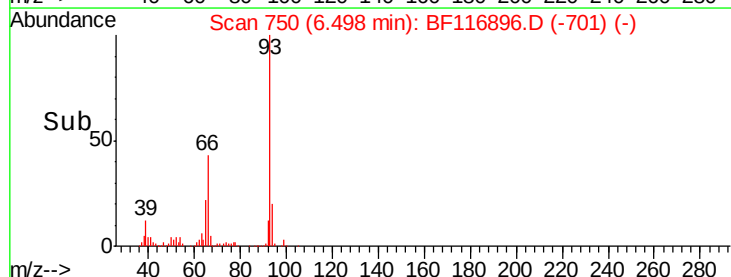


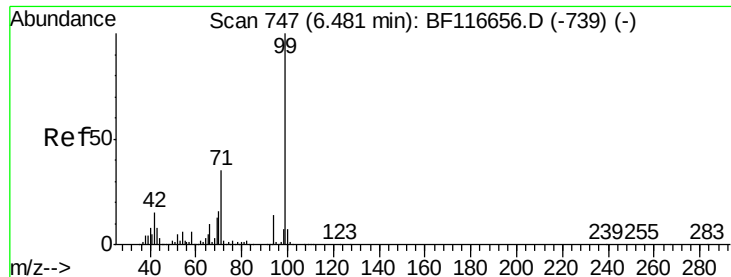
Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Time-->





#7

Phenol-d6

Concen: 106.539 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116896.D

Acq: 9 Sep 2019 15:04

Instrument :

BNA_F

ClientSampleId :

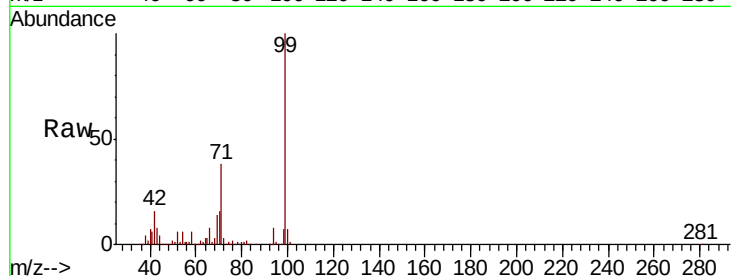
Tot Ion: 99 Resp: 714362

Ion Ratio Lower Upper

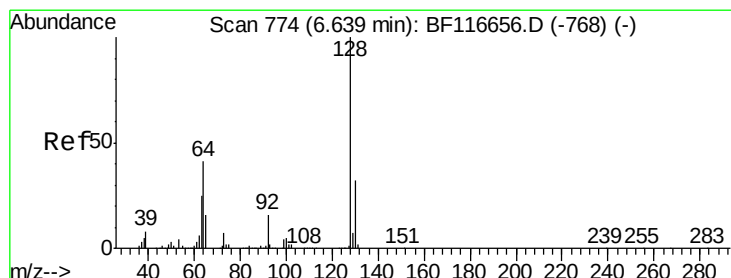
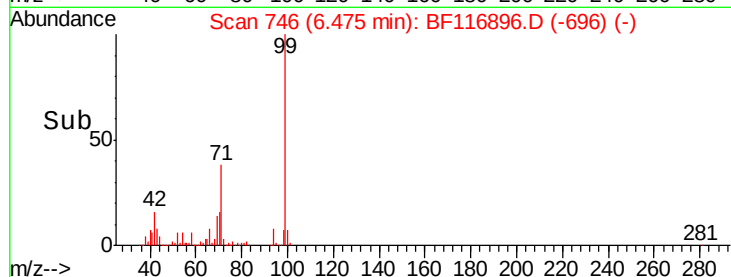
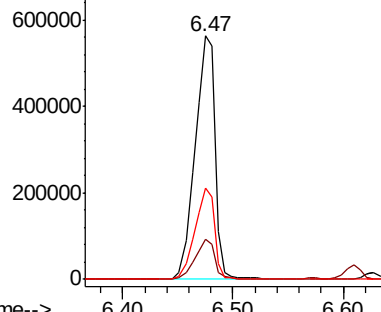
99 100

42 16.3 13.7 20.5

71 37.6 30.8 46.2



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 43.587 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF116896.D

Acq: 9 Sep 2019 15:04

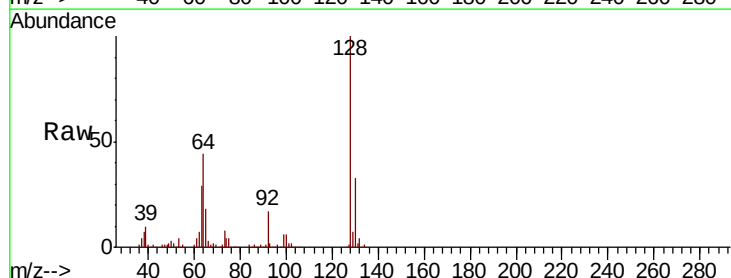
Tgt Ion: 128 Resp: 242965

Ion Ratio Lower Upper

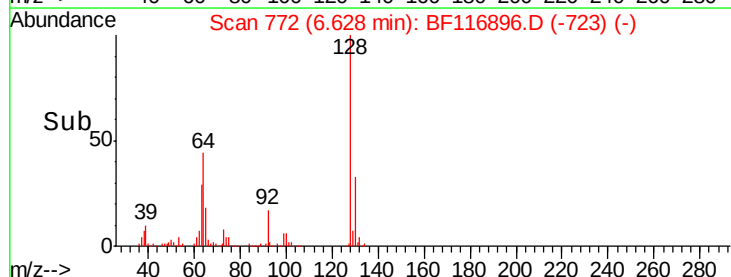
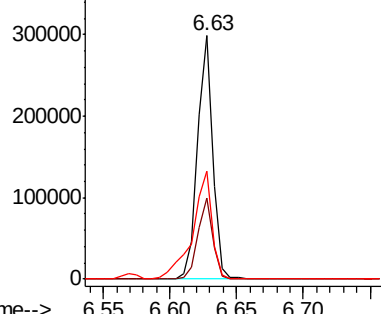
128 100

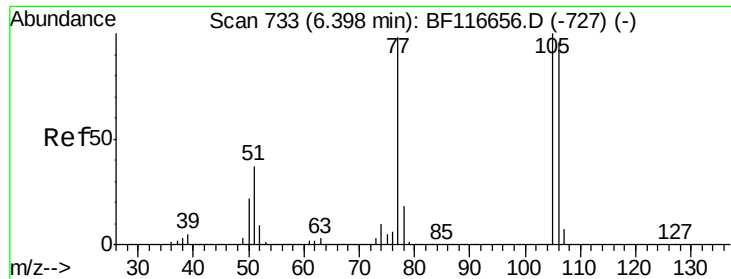
130 33.4 12.3 52.3

64 44.3 22.5 62.5



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 25.191 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.02 min

Lab File: BF116896.D

Acq: 9 Sep 2019 15:04

Instrument :

BNA_F

ClientSampleId :

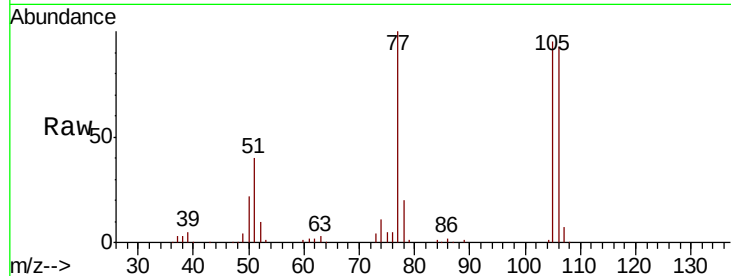
Tot Ion: 77 Resp: 111279

Ion Ratio Lower Upper

77 100

105 95.1 76.7 116.7

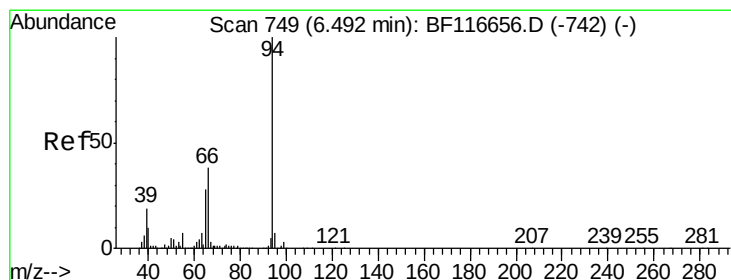
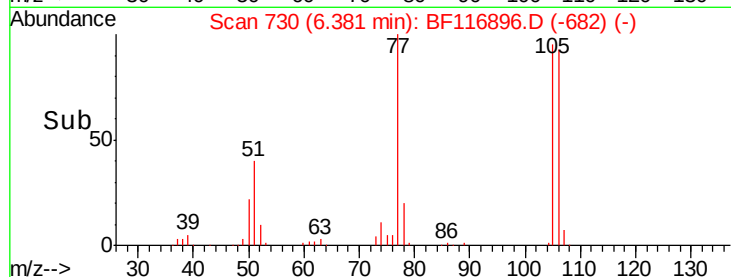
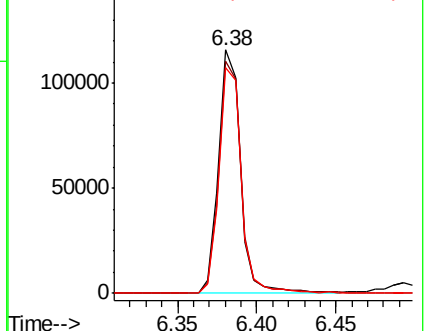
106 92.8 73.1 113.1



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 42.097 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF116896.D

Acq: 9 Sep 2019 15:04

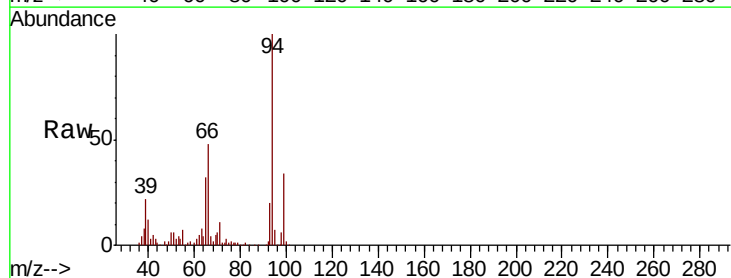
Tgt Ion: 94 Resp: 312563

Ion Ratio Lower Upper

94 100

65 32.3 10.8 50.8

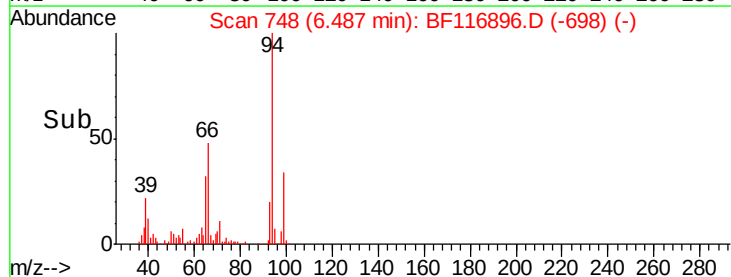
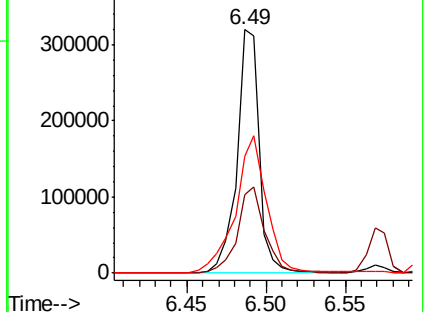
66 47.8 21.1 61.1

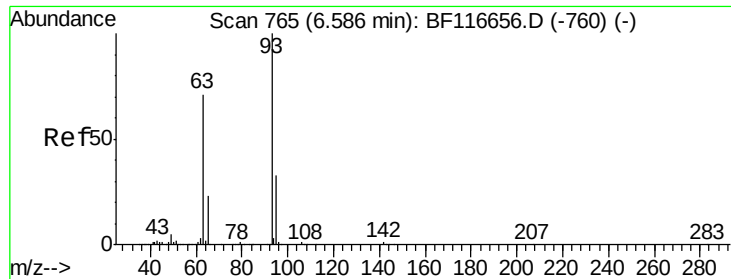


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

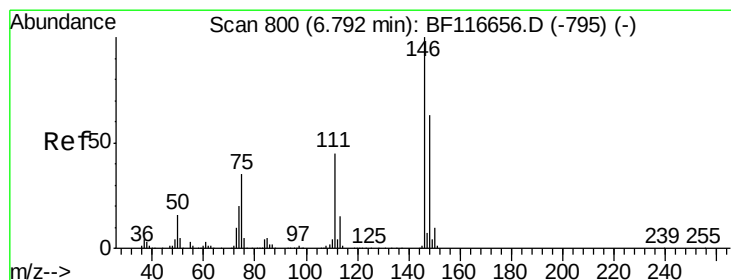
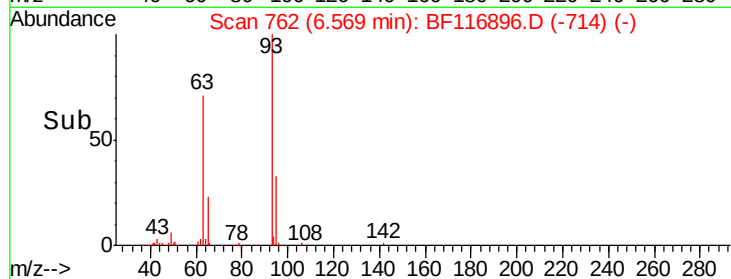
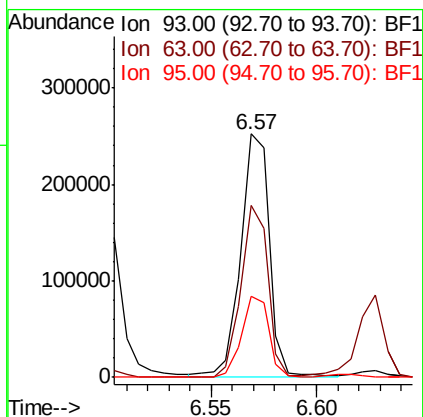
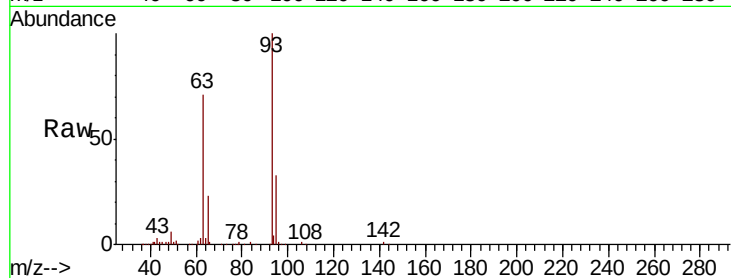




#11
bis(2-Chloroethyl)ether
Concen: 41.212 ng
RT: 6.57 min Scan# 762
Delta R.T. -0.02 min
Lab File: BF116896.D
Acq: 9 Sep 2019 15:04

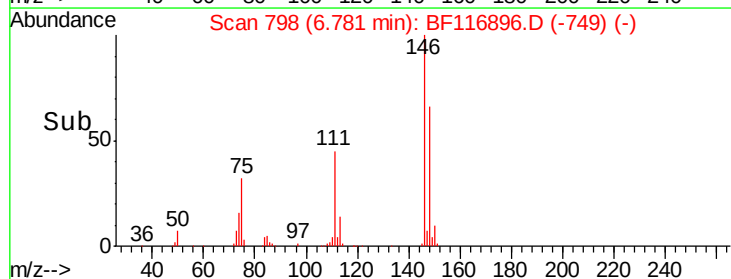
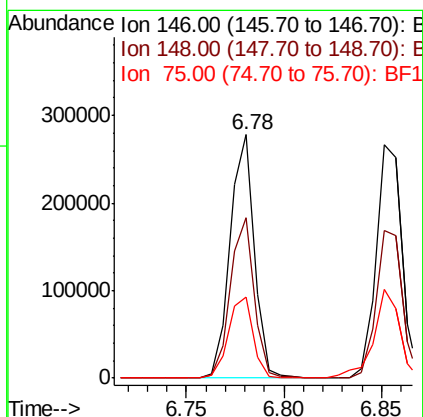
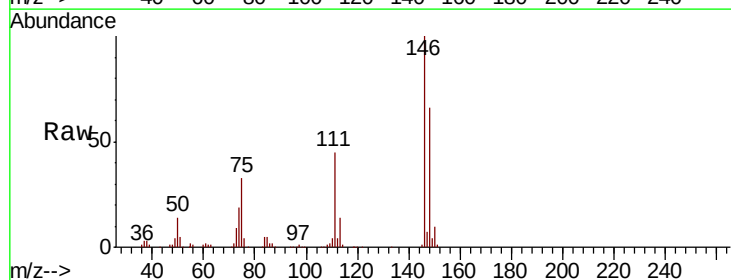
Instrument :
BNA_F
ClientSampleId :

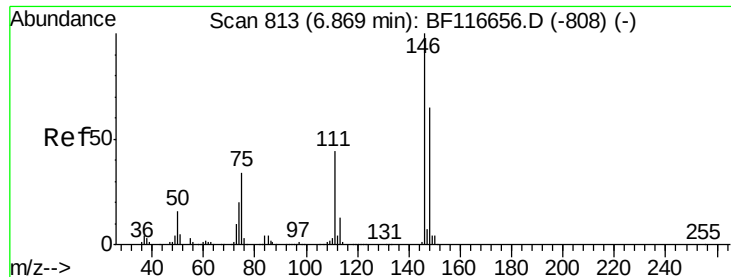
Tot Ion:	93	Resp:	238259
Ion	Ratio	Lower	Upper
93	100		
63	70.8	49.9	89.9
95	33.1	12.7	52.7



#12
1,3-Dichlorobenzene
Concen: 37.894 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF116896.D
Acq: 9 Sep 2019 15:04

Tgt Ion:	146	Resp:	238736
Ion	Ratio	Lower	Upper
146	100		
148	66.1	51.4	77.0
75	33.3	29.6	44.4

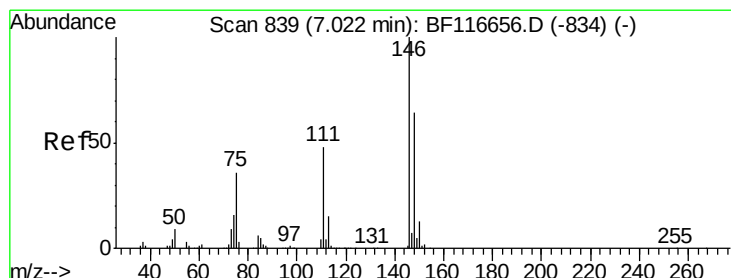
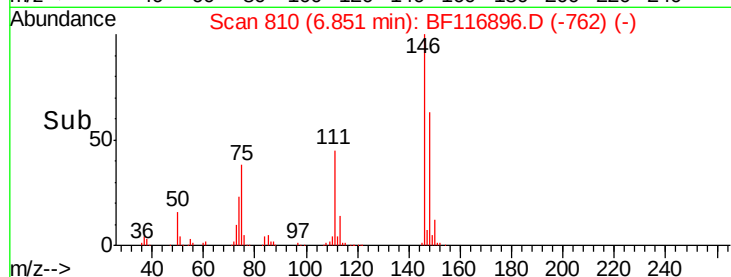
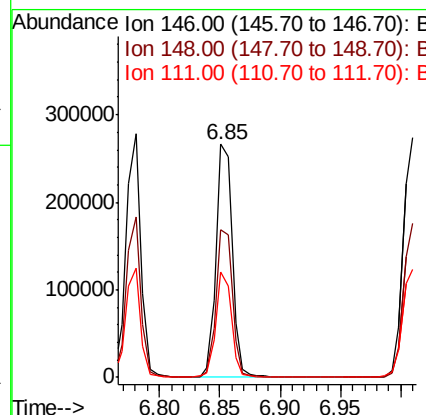
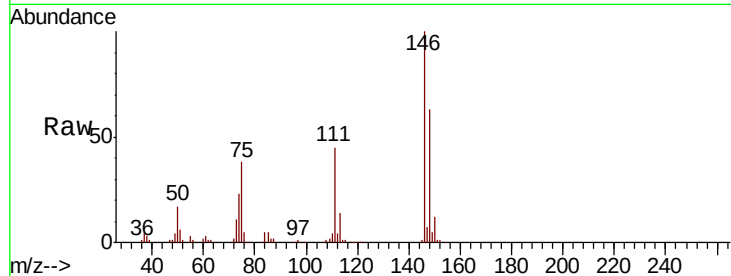




#13
 1,4-Dichlorobenzene
 Concen: 39.464 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.02 min
 Lab File: BF116896.D
 Acq: 9 Sep 2019 15:04

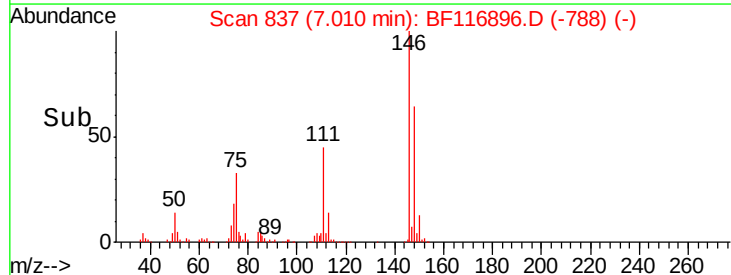
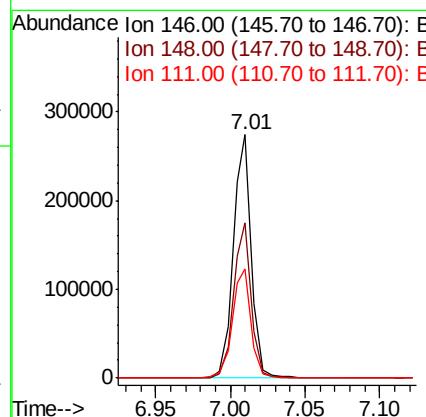
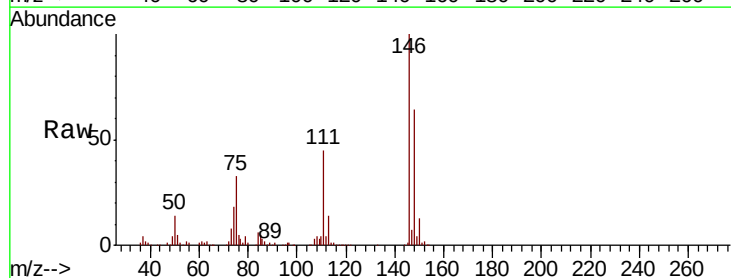
Instrument :
 BNA_F
 ClientSampleId :

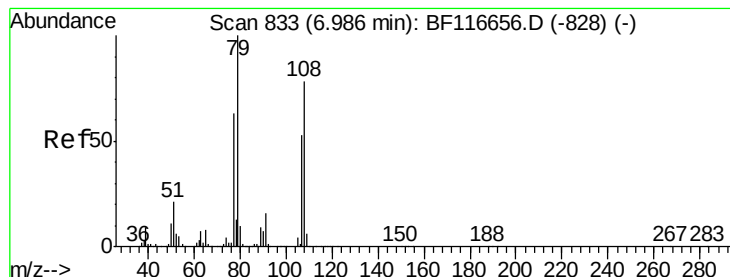
Tot Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.4	77.2
111	45.3	34.8	52.2



#14
 1,2-Dichlorobenzene
 Concen: 40.280 ng
 RT: 7.01 min Scan# 837
 Delta R.T. -0.01 min
 Lab File: BF116896.D
 Acq: 9 Sep 2019 15:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	52.6	78.8
111	44.8	34.2	51.4





#15

Benzyl Alcohol

Concen: 41.253 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.01 min

Lab File: BF116896.D

Acq: 9 Sep 2019 15:04

Instrument :

BNA_F

ClientSampleId :

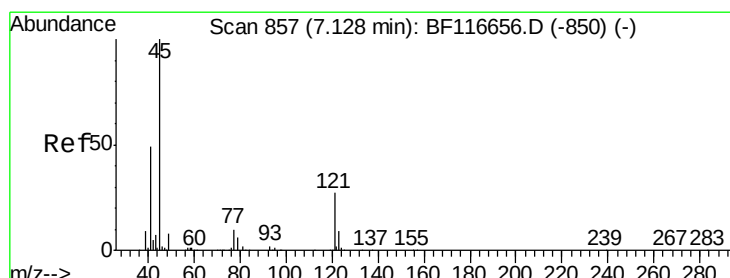
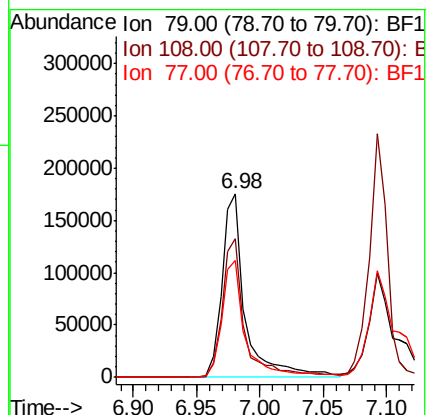
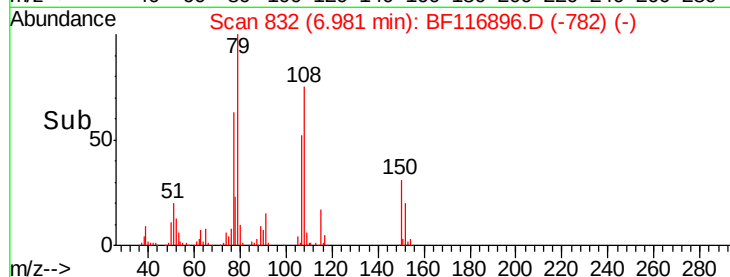
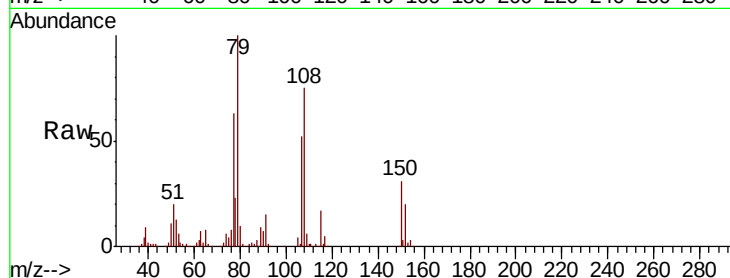
Tot Ion: 79 Resp: 224529

Ion Ratio Lower Upper

79 100

108 75.3 59.2 88.8

77 63.5 53.0 79.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 33.048 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.02 min

Lab File: BF116896.D

Acq: 9 Sep 2019 15:04

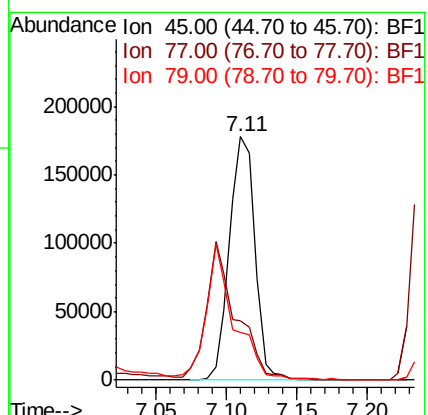
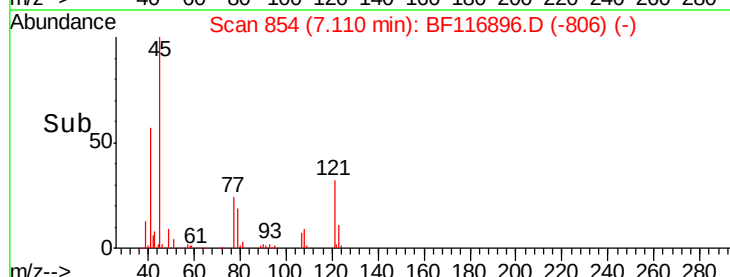
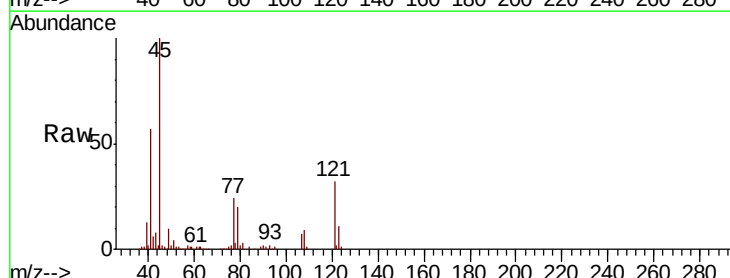
Tgt Ion: 45 Resp: 224162

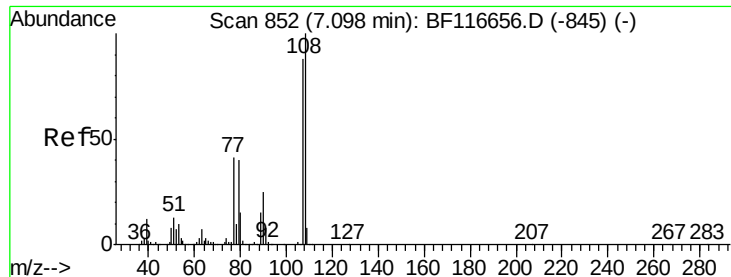
Ion Ratio Lower Upper

45 100

77 24.3 0.0 38.2

79 19.9 0.0 33.9





#17

2-Methylphenol

Concen: 41.915 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.01 min

Lab File: BF116896.D

Acq: 9 Sep 2019 15:04

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 204534

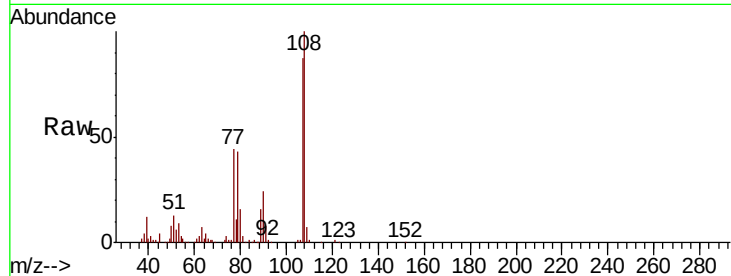
Ion Ratio Lower Upper

107 100

108 115.5 88.3 132.5

77 50.4 39.9 59.9

79 49.2 39.8 59.8

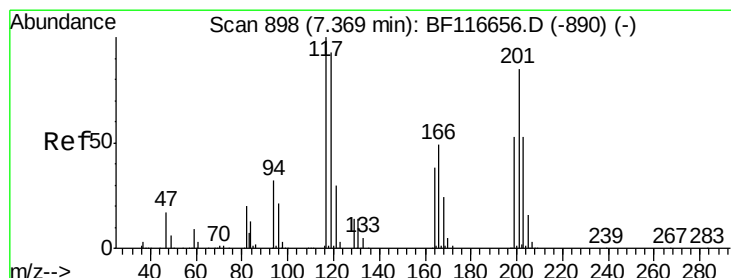
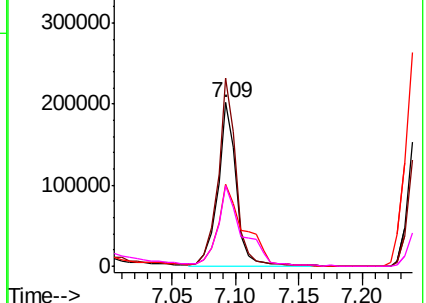
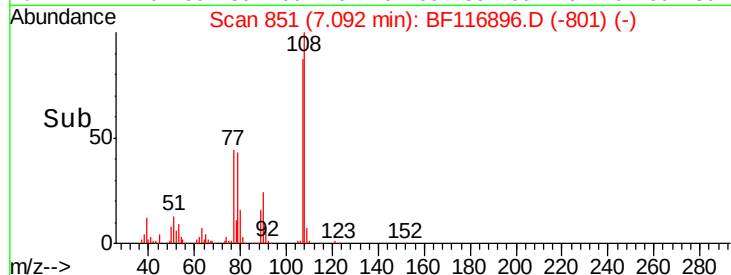


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 39.441 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.02 min

Lab File: BF116896.D

Acq: 9 Sep 2019 15:04

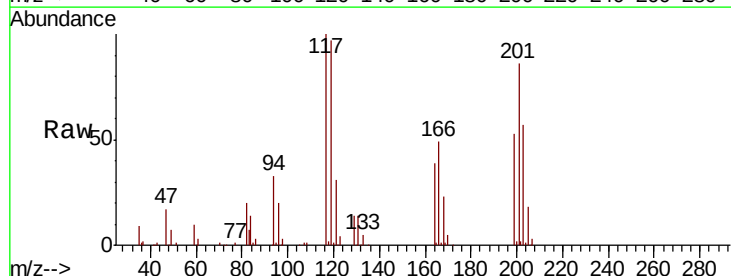
Tgt Ion:117 Resp: 96113

Ion Ratio Lower Upper

117 100

119 96.9 76.9 115.3

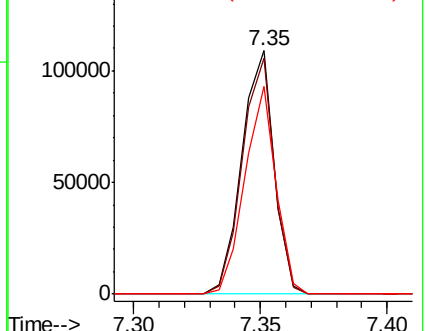
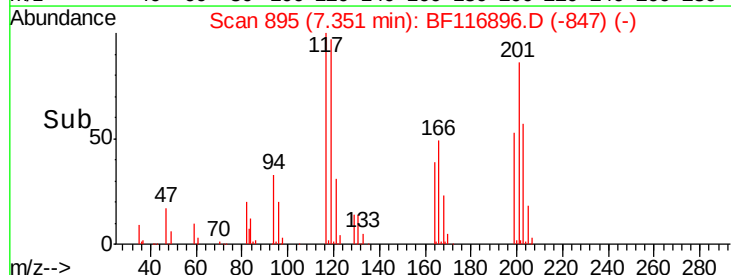
201 85.6 79.4 119.0

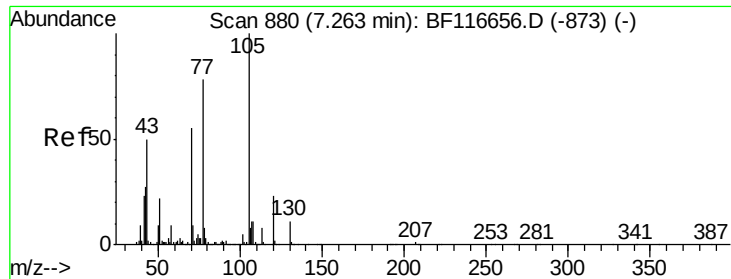


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

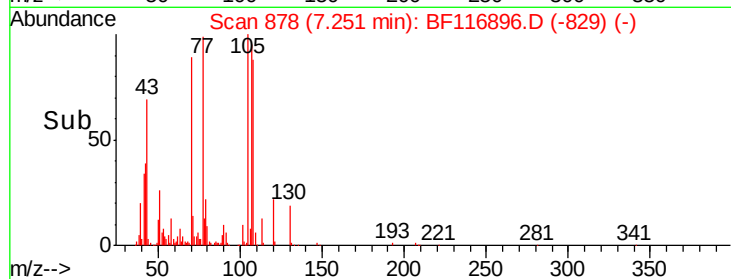
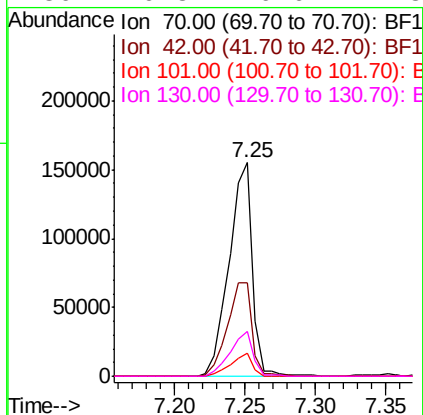
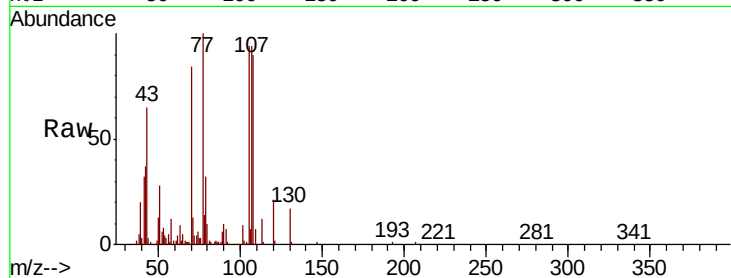




#19
n-Nitroso-di-n-propylamine
Concen: 40.280 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF116896.D
Acq: 9 Sep 2019 15:04

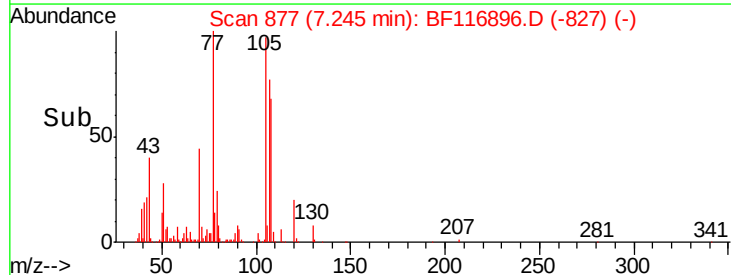
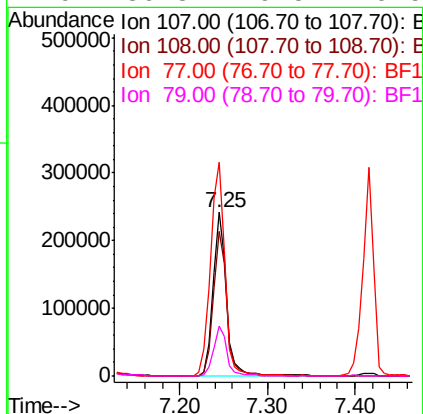
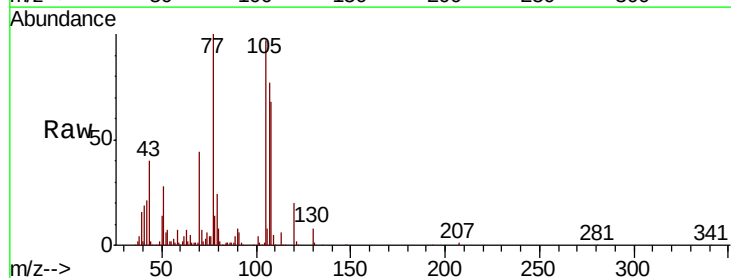
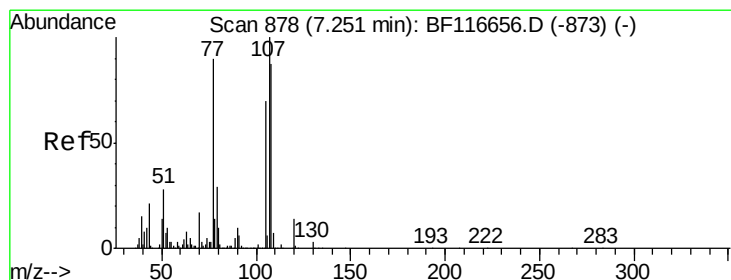
Instrument :
BNA_F
ClientSampleId :

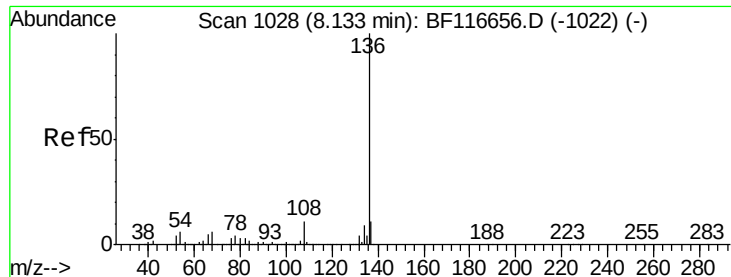
Tot Ion:	70	Resp:	177832
Ion	Ratio	Lower	Upper
70	100		
42	43.6	43.5	65.3
101	10.9	7.8	11.6
130	20.8	16.6	24.8



#20
3+4-Methylphenols
Concen: 45.075 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF116896.D
Acq: 9 Sep 2019 15:04

Tgt Ion:	107	Resp:	255742
Ion	Ratio	Lower	Upper
107	100		
108	88.2	65.5	105.5
77	130.4	69.4	109.4#
79	30.8	9.5	49.5

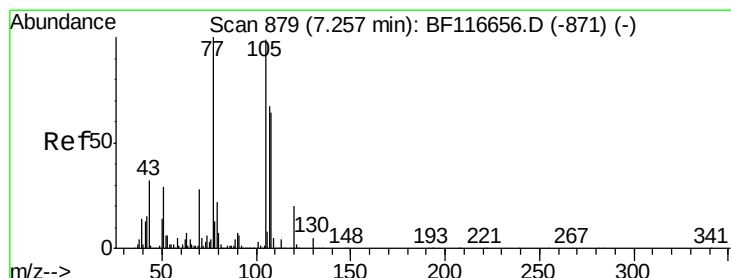
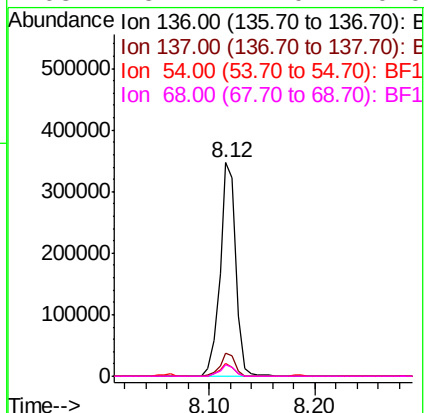
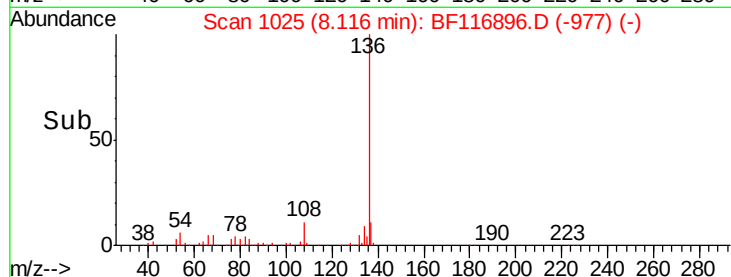
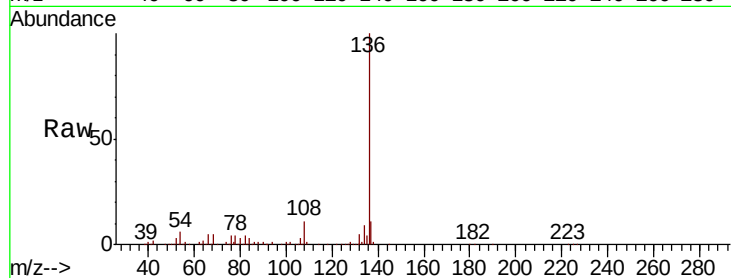




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.02 min
Lab File: BF116896.D
Acq: 9 Sep 2019 15:04

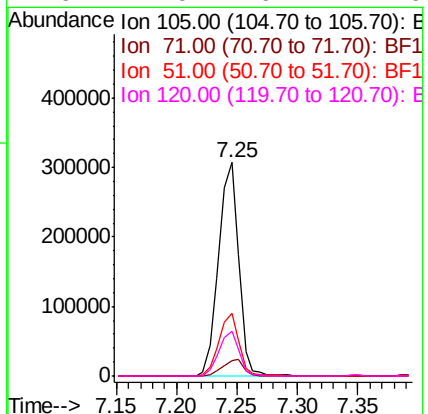
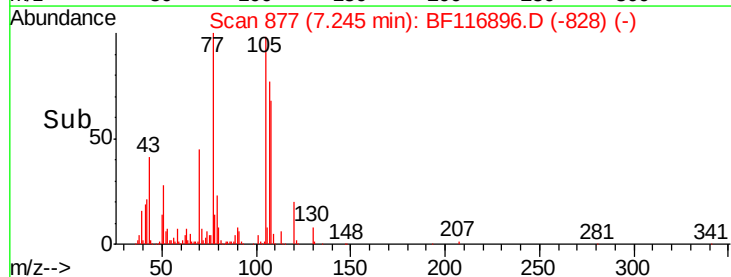
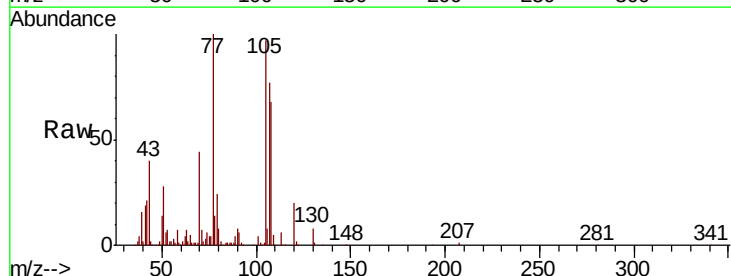
Instrument :
BNA_F
ClientSampleId :

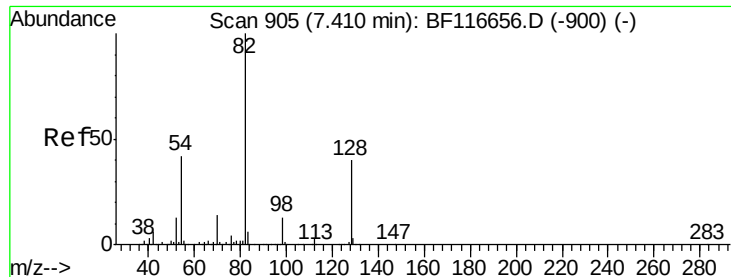
Tot Ion:136	Resp:	364320
Ion Ratio	Lower	Upper
136 100		
137 10.7	8.9	13.3
54 5.8	4.8	7.2
68 5.2	4.0	6.0



#22
Acetophenone
Concen: 40.325 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF116896.D
Acq: 9 Sep 2019 15:04

Tgt	Ion:105	Resp:	353695
Ion	Ratio	Lower	Upper
105	100		
71	7.4	4.2	6.4#
51	29.2	25.8	38.8
120	21.0	16.4	24.6

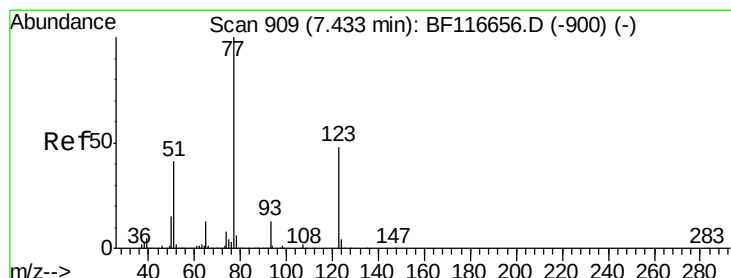
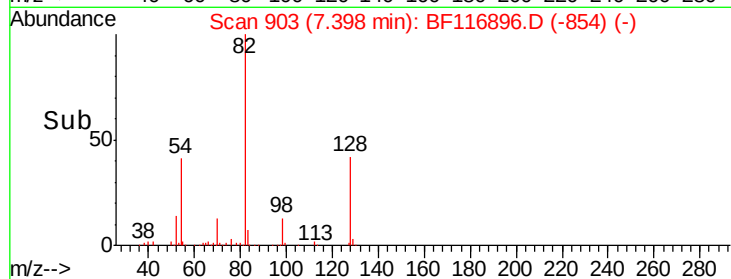
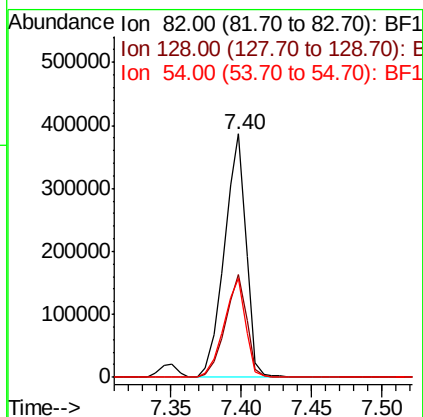
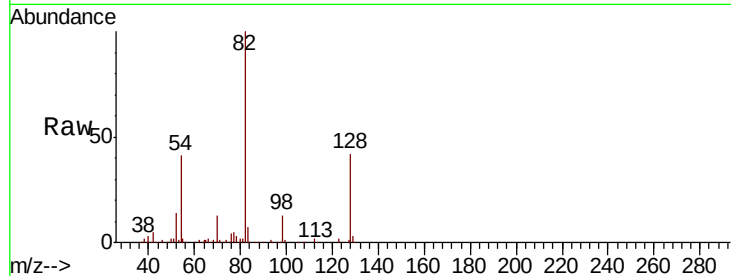




#23
 Nitrobenzene-d5
 Concen: 64.337 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF116896.D
 Acq: 9 Sep 2019 15:04

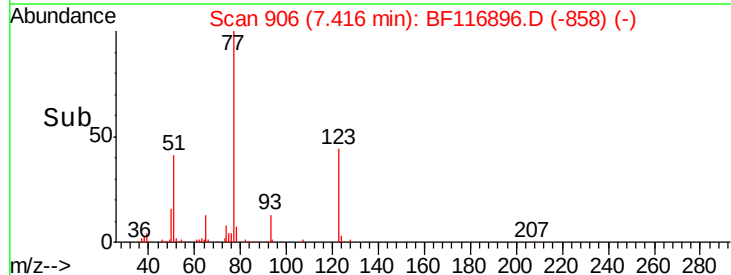
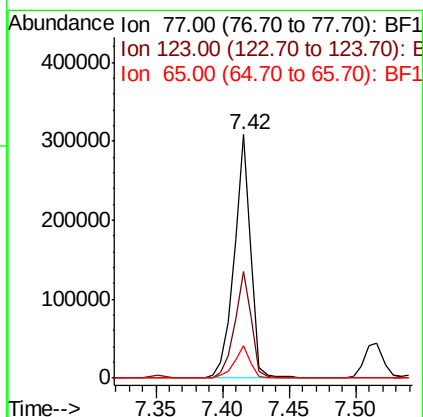
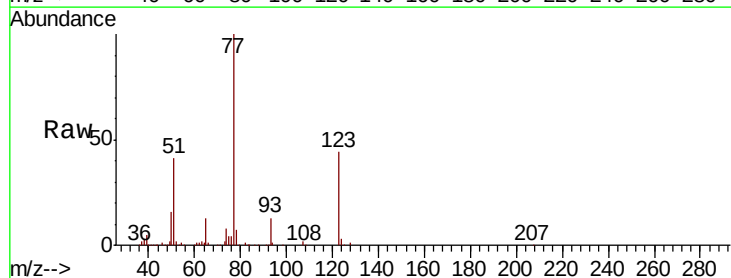
Instrument :
 BNA_F
 ClientSampleId :

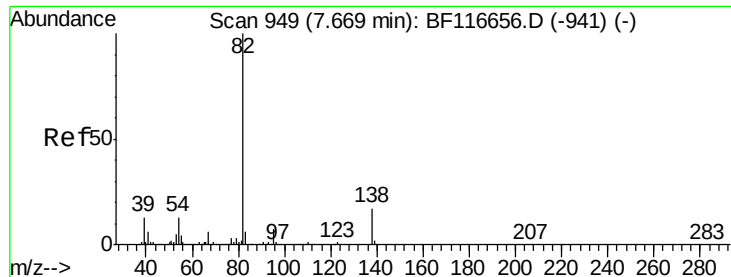
Tot Ion	82	Resp	410586
Ion Ratio	Lower	Upper	
82	100		
128	42.3	32.8	49.2
54	40.7	36.9	55.3



#24
 Nitrobenzene
 Concen: 41.042 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.02 min
 Lab File: BF116896.D
 Acq: 9 Sep 2019 15:04

Tgt Ion	77	Resp	266383
Ion Ratio	Lower	Upper	
77	100		
123	43.8	33.1	49.7
65	13.3	10.6	15.8





#25

Isophorone

Concen: 38.469 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF116896.D

Acq: 9 Sep 2019 15:04

Instrument :

BNA_F

ClientSampleId :

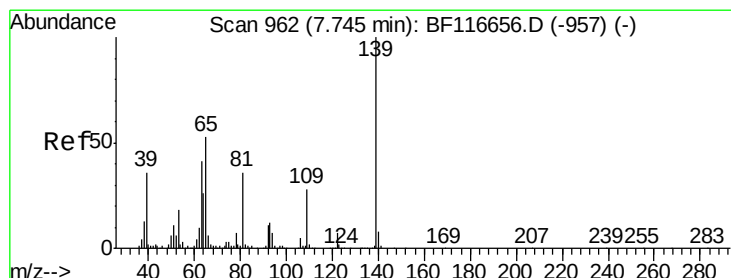
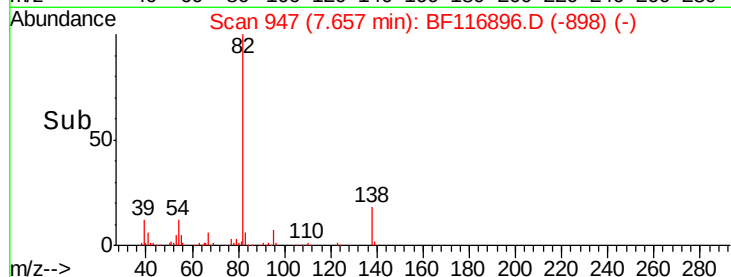
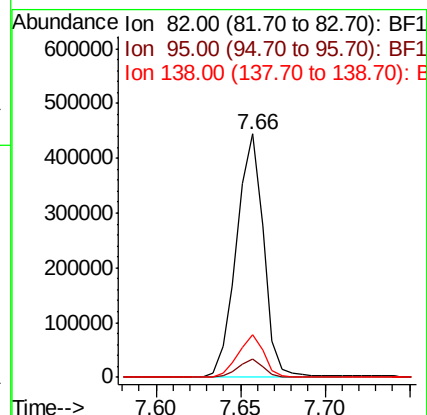
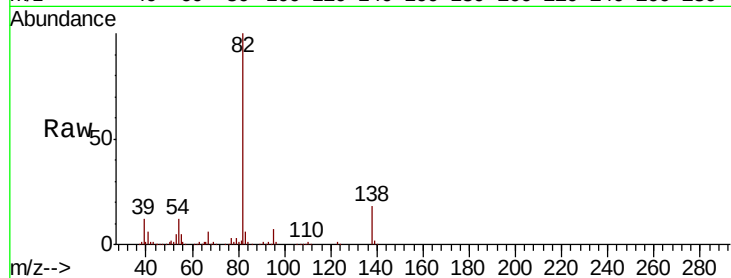
Tot Ion: 82 Resp: 497476

Ion Ratio Lower Upper

82 100

95 7.4 5.8 8.6

138 17.7 13.5 20.3



#26

2-Nitrophenol

Concen: 51.816 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF116896.D

Acq: 9 Sep 2019 15:04

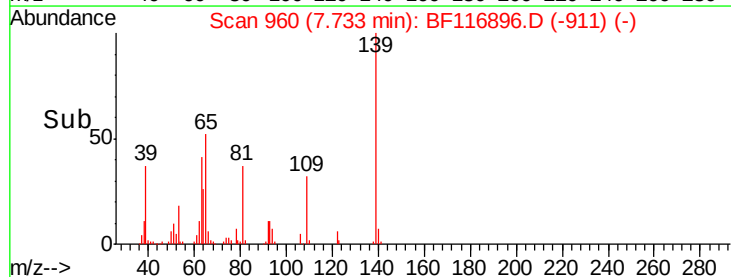
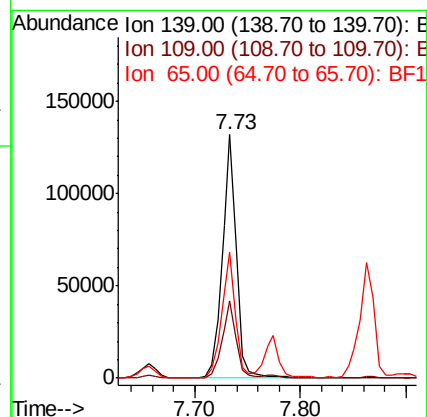
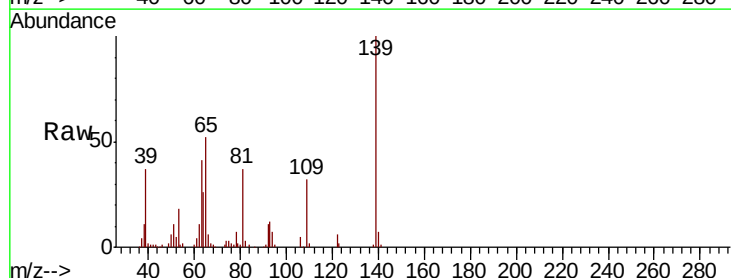
Tgt Ion: 139 Resp: 125035

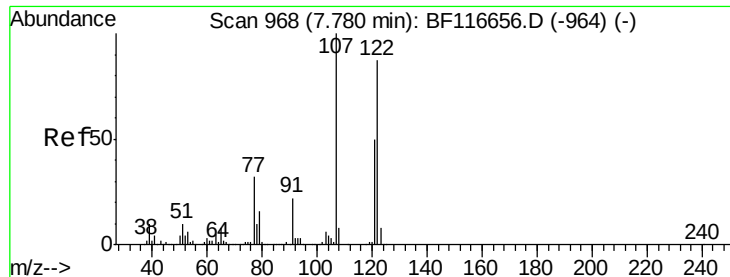
Ion Ratio Lower Upper

139 100

109 31.9 27.1 40.7

65 51.5 43.0 64.6

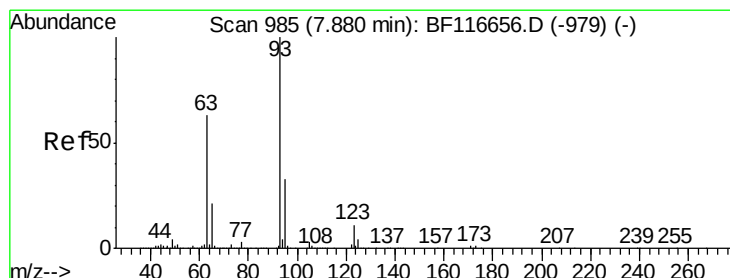
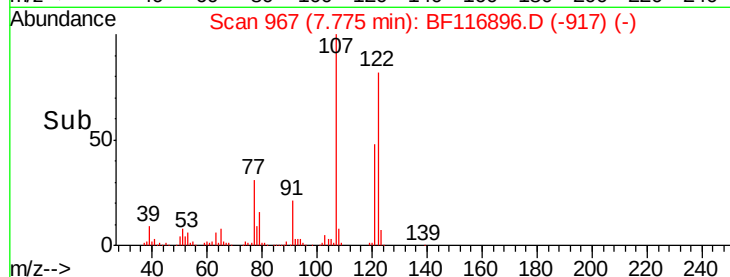
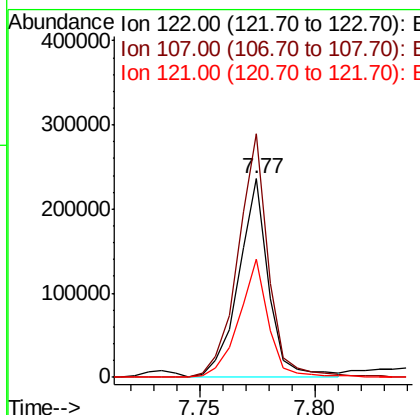
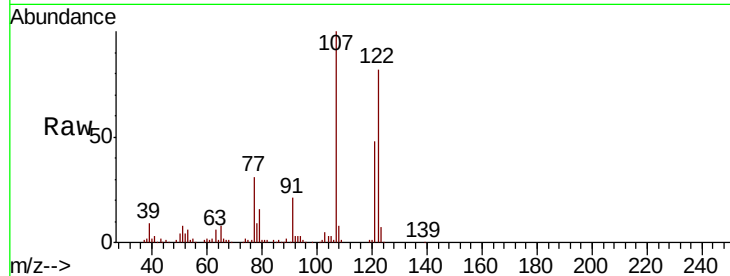




#27
2,4-Dimethylphenol
Concen: 44.103 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF116896.D
Acq: 9 Sep 2019 15:04

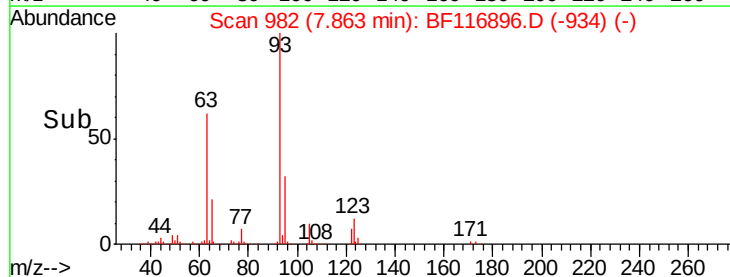
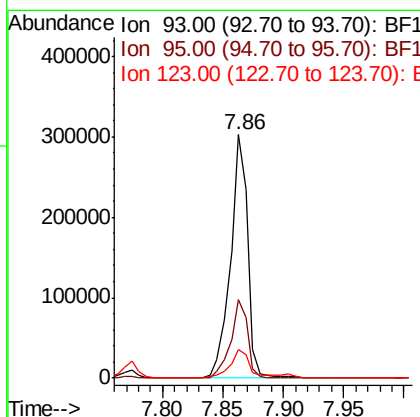
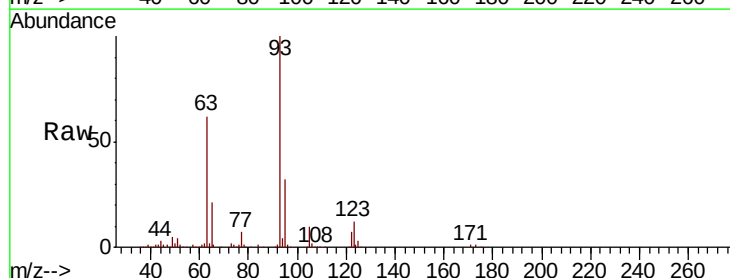
Instrument :
BNA_F
ClientSampleId :

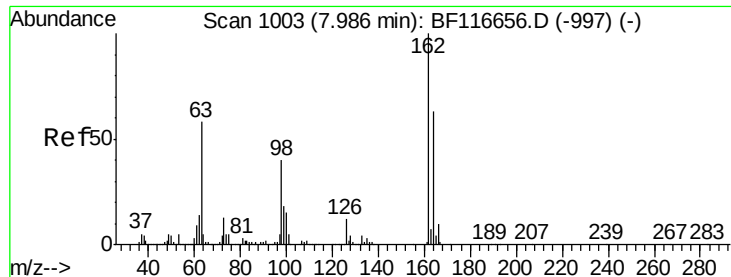
Tot Ion	Ratio	Lower	Upper
122	100		
107	122.6	98.1	147.1
121	59.2	47.3	70.9



#28
bis(2-Chloroethoxy)methane
Concen: 37.962 ng
RT: 7.86 min Scan# 982
Delta R.T. -0.02 min
Lab File: BF116896.D
Acq: 9 Sep 2019 15:04

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	26.4	39.6
123	11.7	9.8	14.8

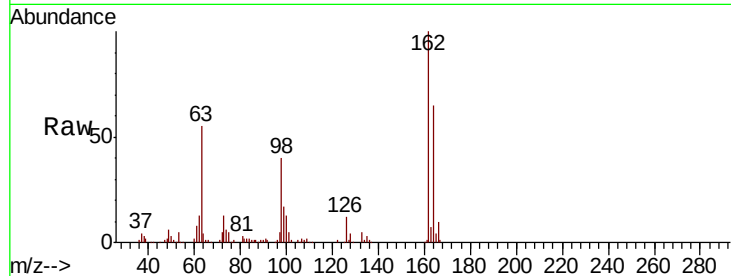




#29
2,4-Dichlorophenol
Concen: 42.754 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF116896.D
Acq: 9 Sep 2019 15:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.5	43.4	83.4
98	39.9	18.1	58.1

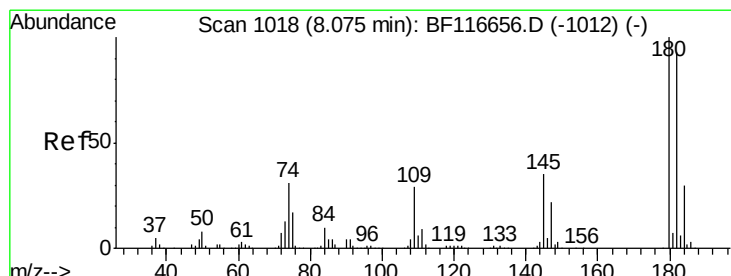
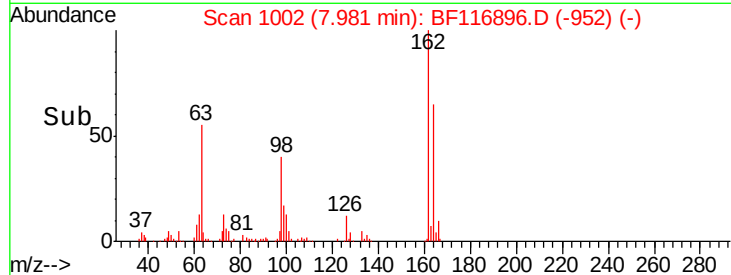
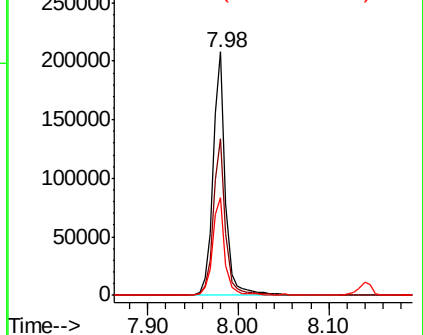


Abundance

Ion 162.00 (161.70 to 162.70): E

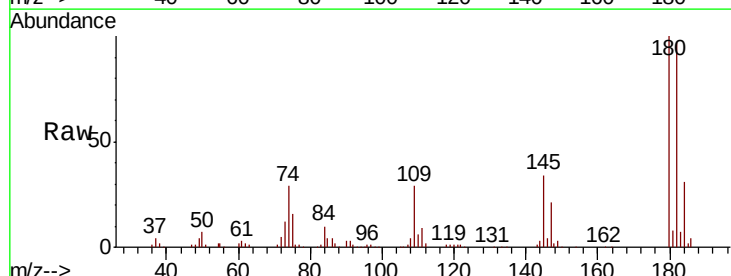
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 38.611 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF116896.D
Acq: 9 Sep 2019 15:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	78.6	118.0
145	34.2	25.7	38.5

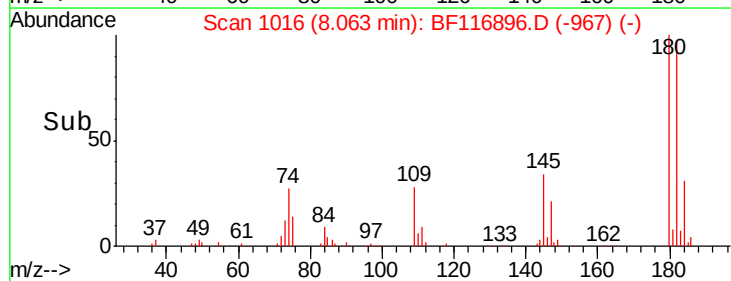
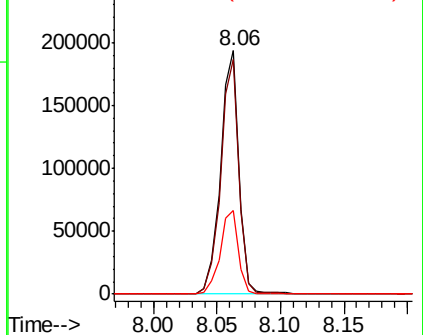


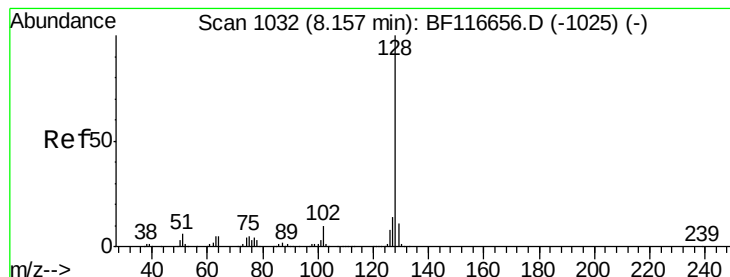
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.219 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.02 min

Lab File: BF116896.D

Acq: 9 Sep 2019 15:04

Instrument :

BNA_F

ClientSampleId :

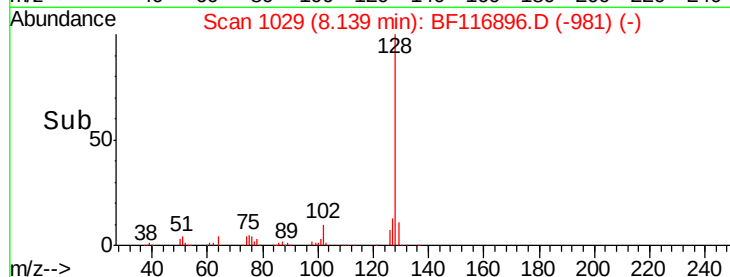
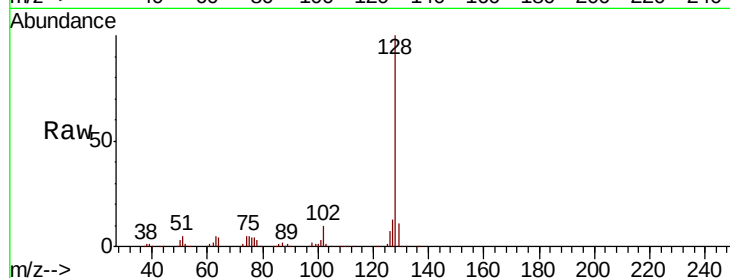
Tot Ion:128 Resp: 696752

Ion Ratio Lower Upper

128 100

129 11.3 8.6 13.0

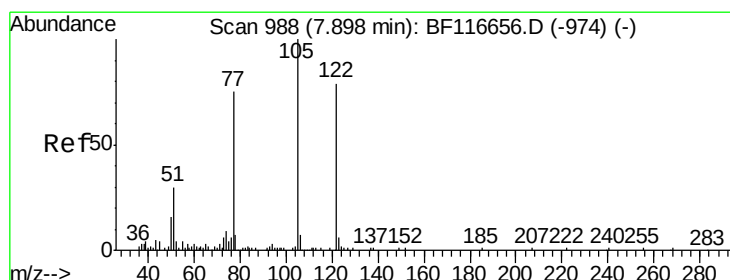
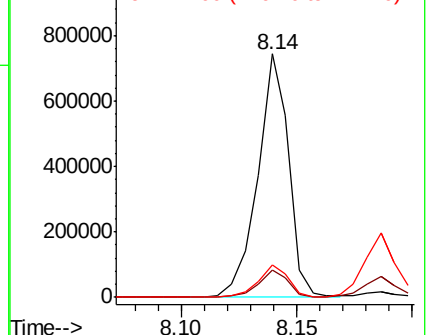
127 13.5 10.4 15.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 51.189 ng

RT: 7.90 min Scan# 989

Delta R.T. 0.01 min

Lab File: BF116896.D

Acq: 9 Sep 2019 15:04

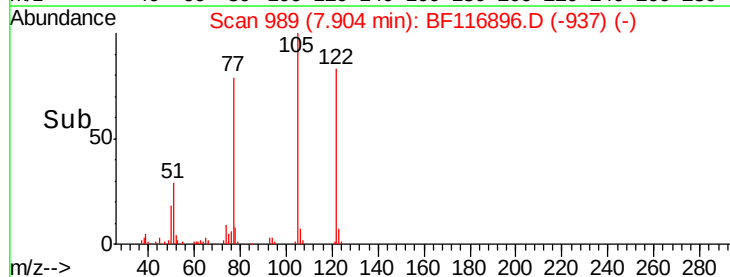
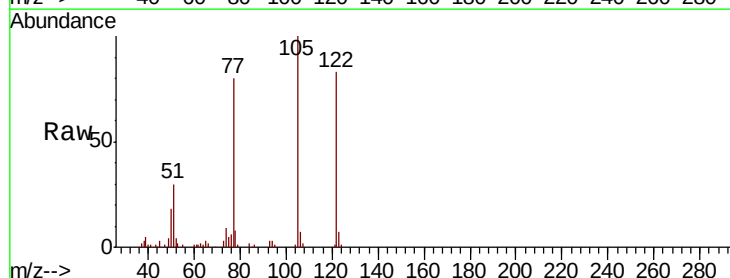
Tgt Ion:122 Resp: 140857

Ion Ratio Lower Upper

122 100

105 120.9 110.0 150.0

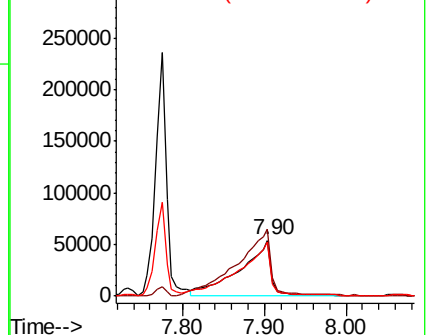
77 96.8 81.7 121.7

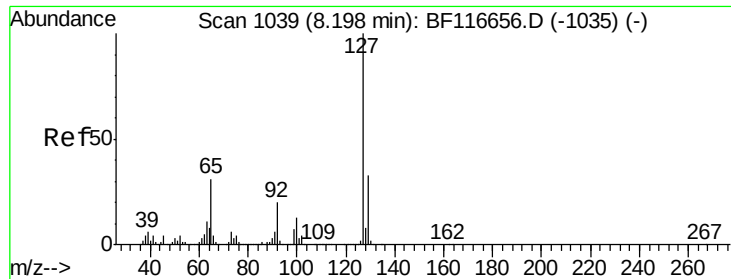


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

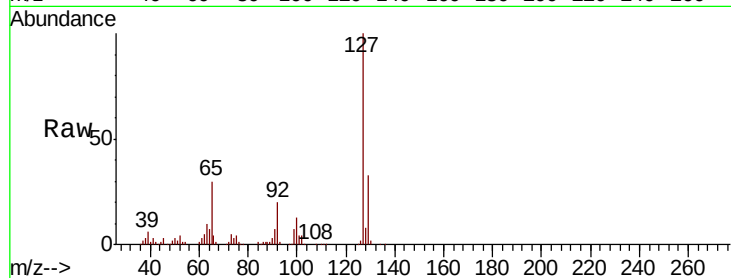




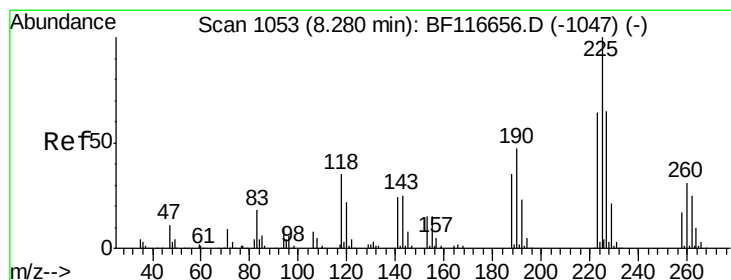
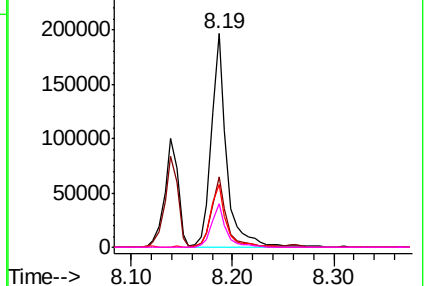
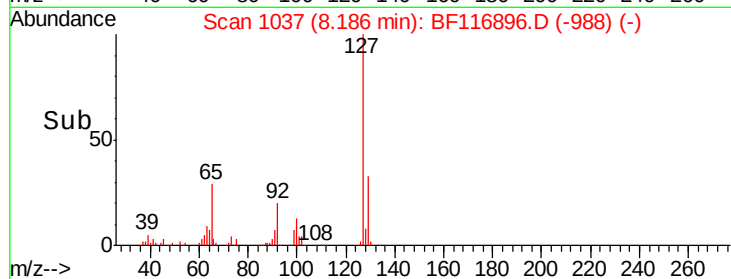
#33
4-Chloroaniline
Concen: 25.902 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF116896.D
Acq: 9 Sep 2019 15:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp:	204256
Ion	Ratio	Lower Upper
127	100	
129	33.2	26.2 39.2
65	29.6	26.0 39.0
92	20.3	16.1 24.1

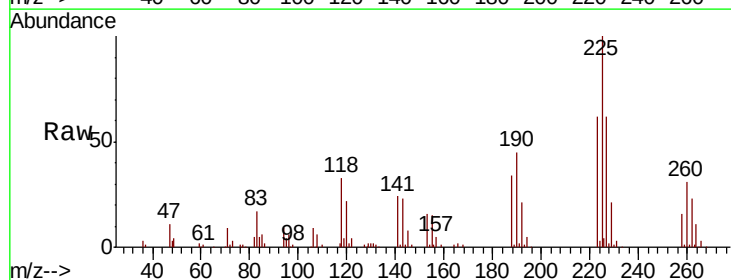


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

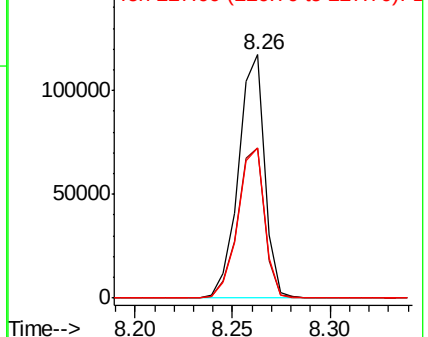
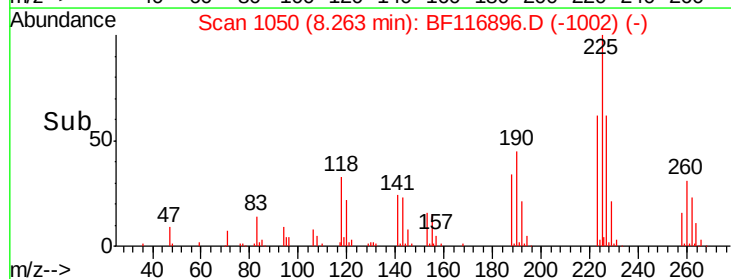


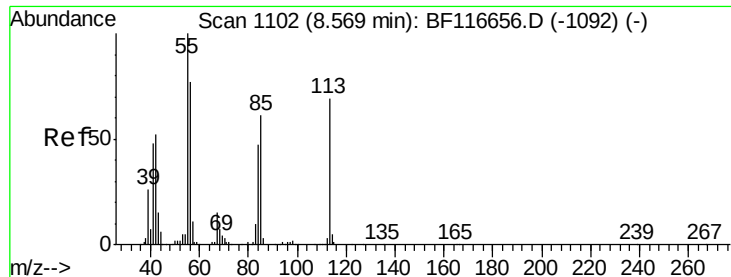
#34
Hexachlorobutadiene
Concen: 39.610 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.02 min
Lab File: BF116896.D
Acq: 9 Sep 2019 15:04

Tgt Ion:225	Resp:	109711
Ion	Ratio	Lower Upper
225	100	
223	61.9	49.4 74.2
227	61.9	51.0 76.4



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 18.650 ng

RT: 8.55 min Scan# 1099

Delta R.T. -0.02 min

Lab File: BF116896.D

Acq: 9 Sep 2019 15:04

Instrument :

BNA_F

ClientSampleId :

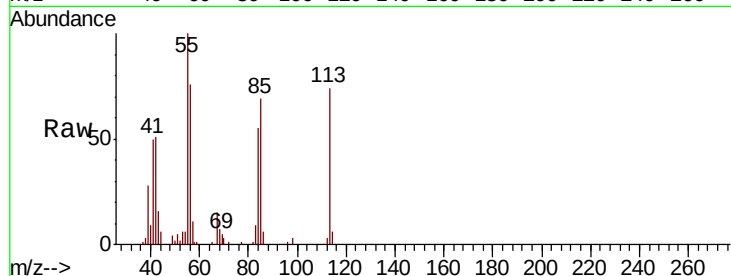
Tot Ion:113 Resp: 32689

Ion Ratio Lower Upper

113 100

55 135.8 124.3 164.3

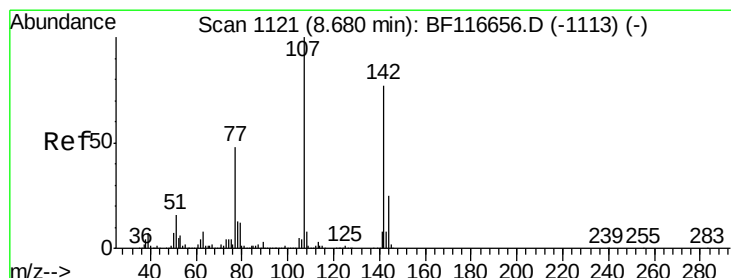
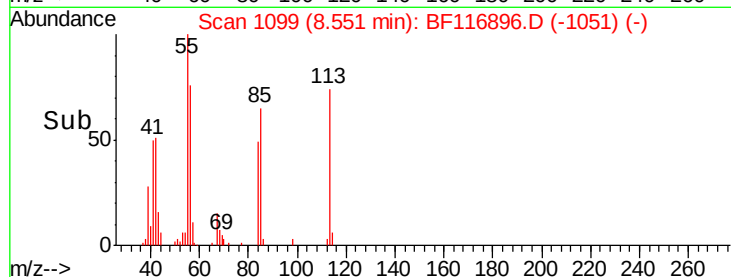
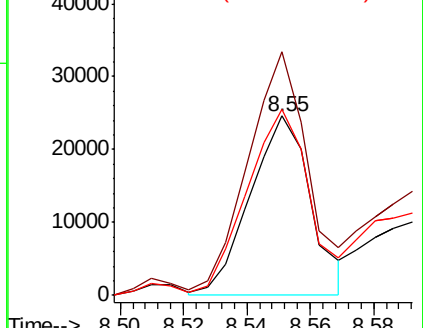
56 103.7 94.6 134.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 43.897 ng

RT: 8.67 min Scan# 1120

Delta R.T. -0.01 min

Lab File: BF116896.D

Acq: 9 Sep 2019 15:04

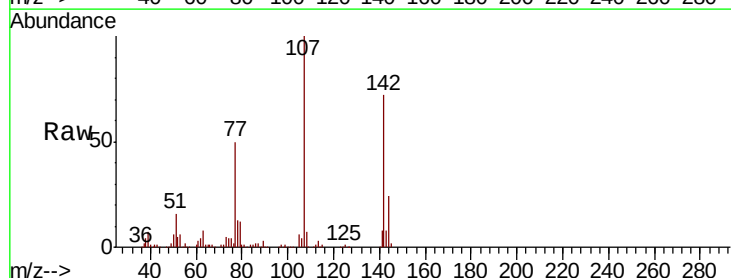
Tgt Ion:107 Resp: 236295

Ion Ratio Lower Upper

107 100

144 24.3 18.6 27.8

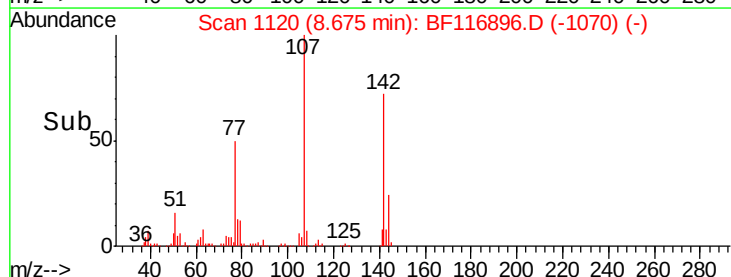
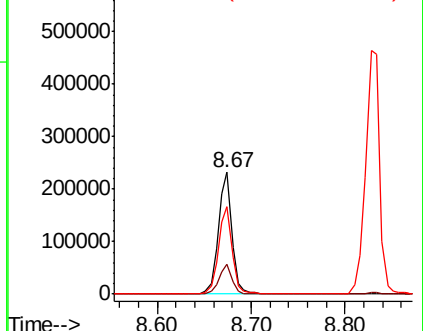
142 72.1 58.5 87.7

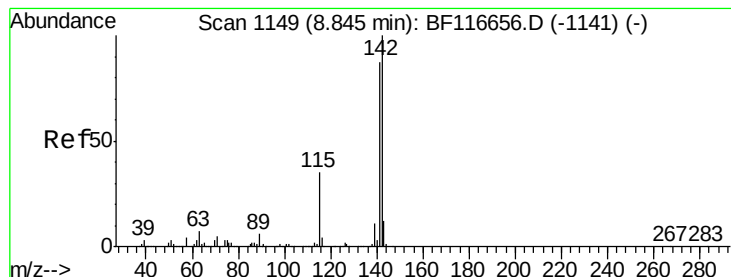


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 41.986 ng

RT: 8.83 min Scan# 1146

Delta R.T. -0.02 min

Lab File: BF116896.D

Acq: 9 Sep 2019 15:04

Instrument :

BNA_F

ClientSampleId :

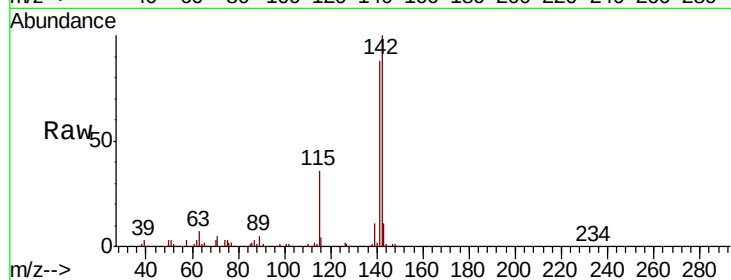
Tot Ion:142 Resp: 483949

Ion Ratio Lower Upper

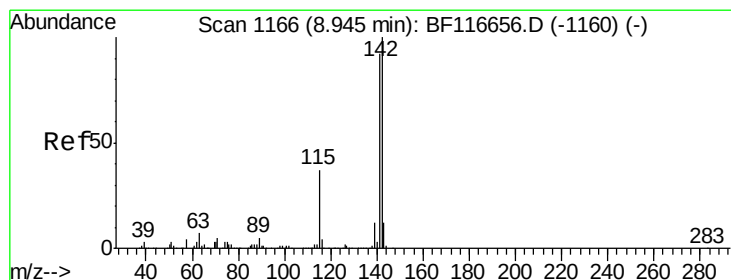
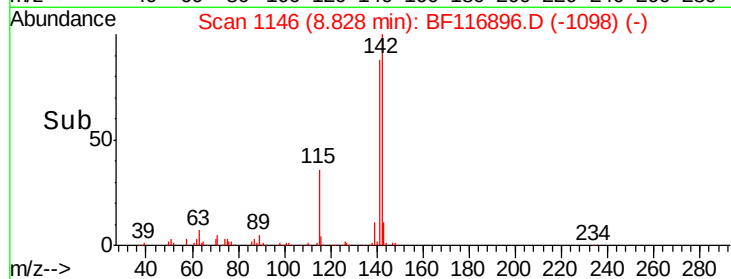
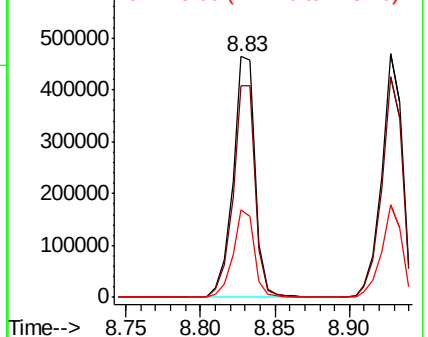
142 100

141 88.1 72.6 109.0

115 36.2 29.8 44.6



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 40.763 ng

RT: 8.93 min Scan# 1163

Delta R.T. -0.02 min

Lab File: BF116896.D

Acq: 9 Sep 2019 15:04

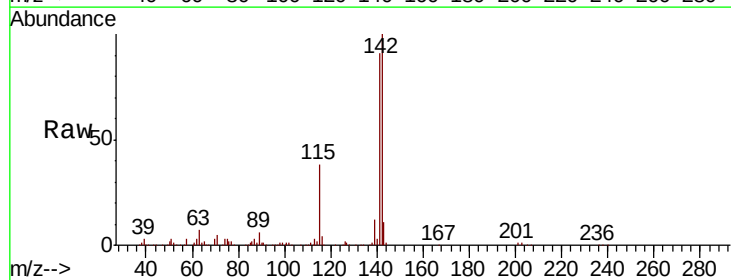
Tgt Ion:142 Resp: 443543

Ion Ratio Lower Upper

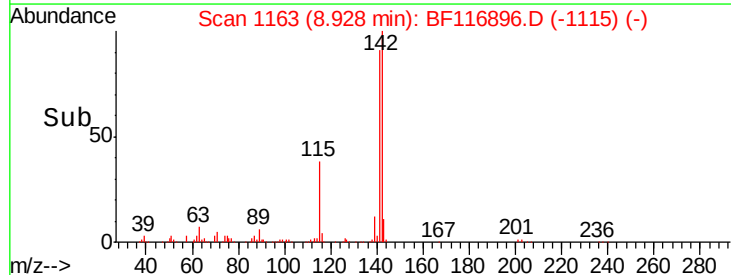
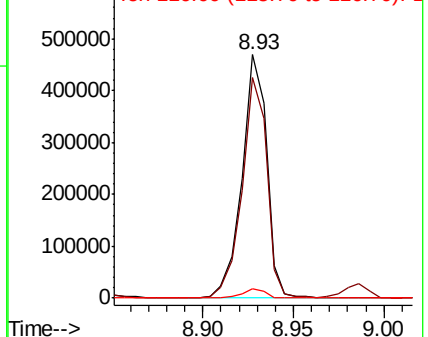
142 100

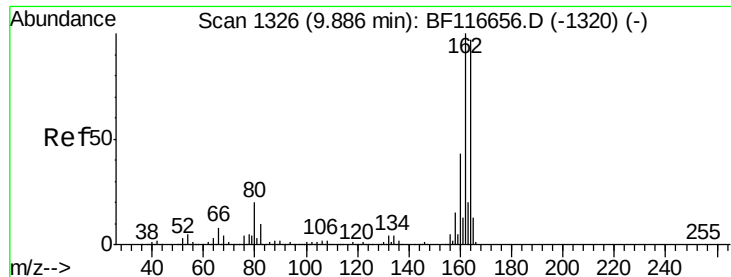
141 90.8 73.9 110.9

116 3.9 3.0 4.6



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

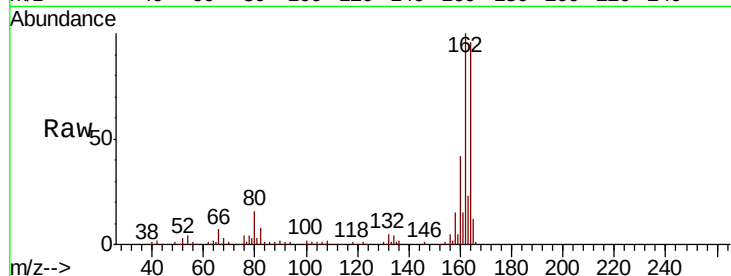




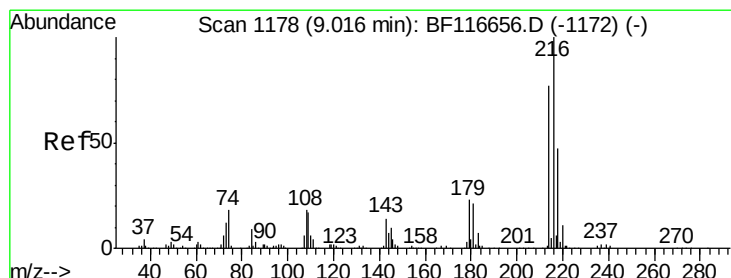
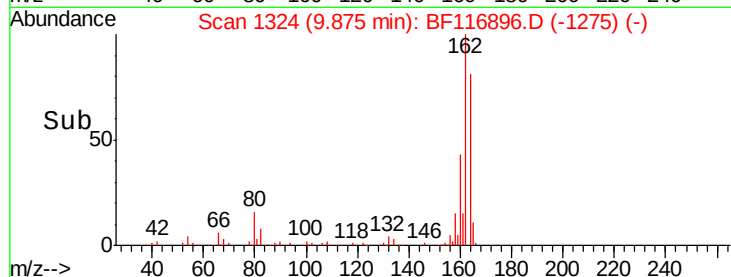
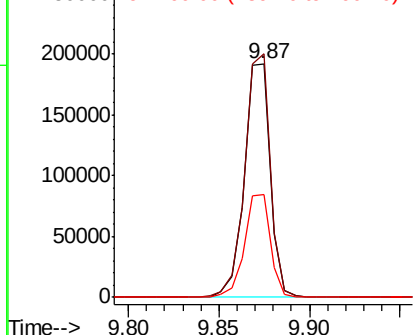
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF116896.D
Acq: 9 Sep 2019 15:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:164 Resp: 190581
Ion Ratio Lower Upper
164 100
162 104.2 81.4 122.0
160 44.1 35.4 53.2

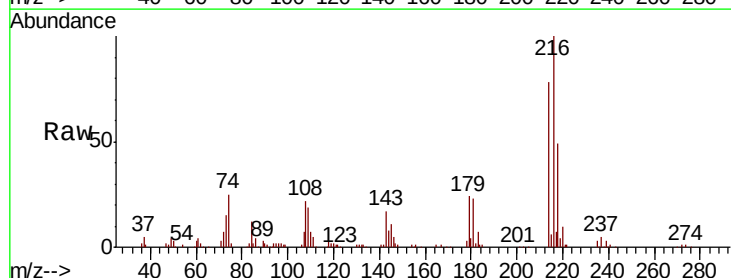


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

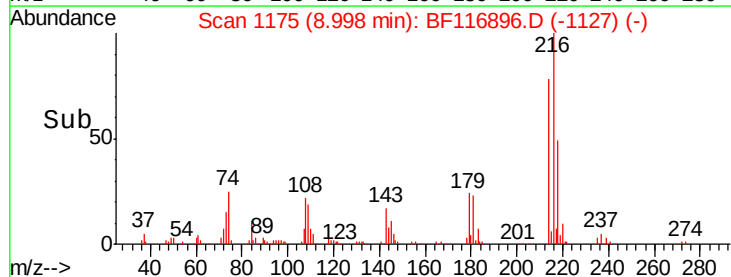
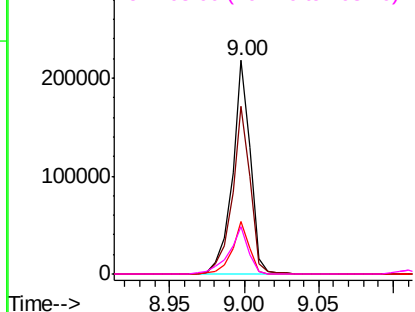


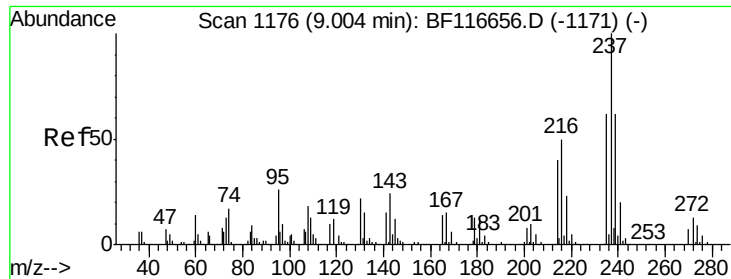
#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.458 ng
RT: 9.00 min Scan# 1175
Delta R.T. -0.02 min
Lab File: BF116896.D
Acq: 9 Sep 2019 15:04

Tgt Ion:216 Resp: 184836
Ion Ratio Lower Upper
216 100
214 78.3 62.7 94.1
179 23.6 19.3 28.9
108 24.5 16.6 25.0



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 59.118 ng

RT: 8.99 min Scan# 1173

Delta R.T. -0.02 min

Lab File: BF116896.D

Acq: 9 Sep 2019 15:04

Instrument :

BNA_F

ClientSampleId :

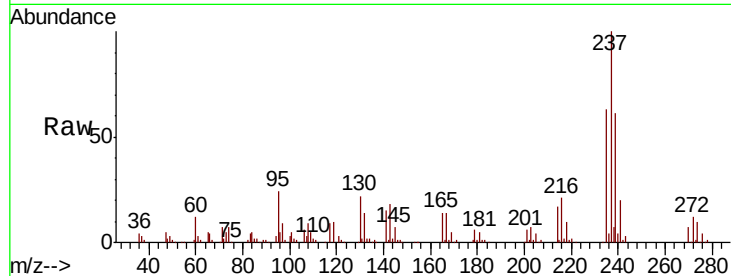
Tot Ion:237 Resp: 155965

Ion Ratio Lower Upper

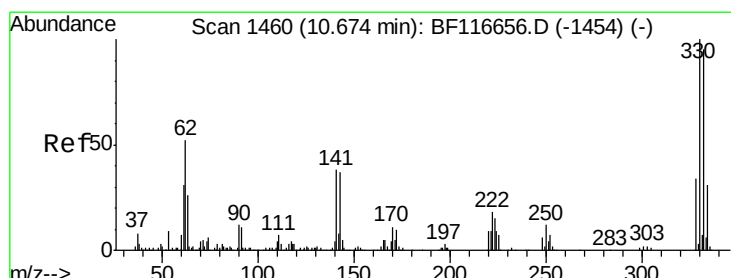
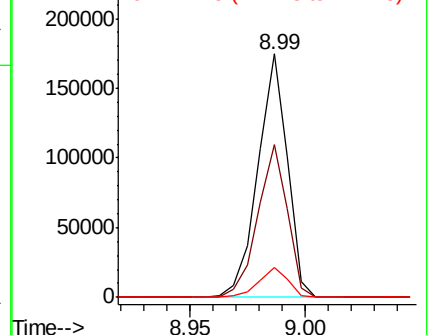
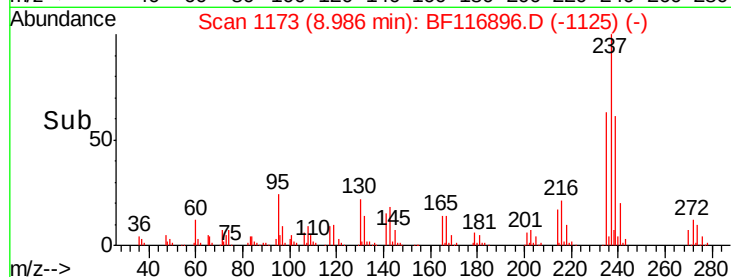
237 100

235 62.8 41.4 81.4

272 12.4 0.0 32.8



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 130.298 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BF116896.D

Acq: 9 Sep 2019 15:04

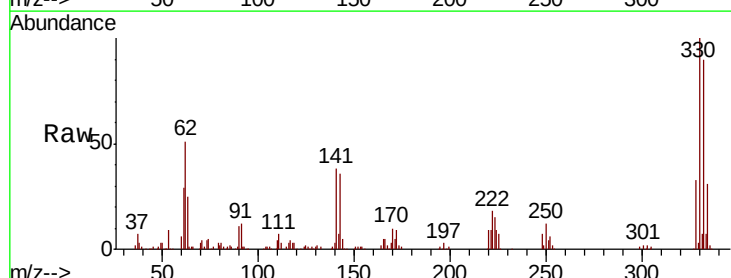
Tgt Ion:330 Resp: 166010

Ion Ratio Lower Upper

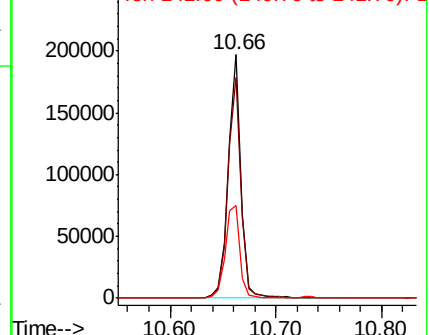
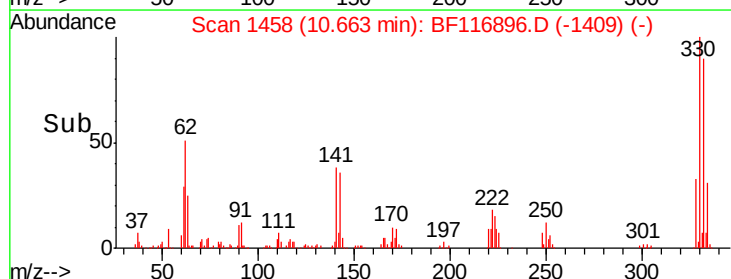
330 100

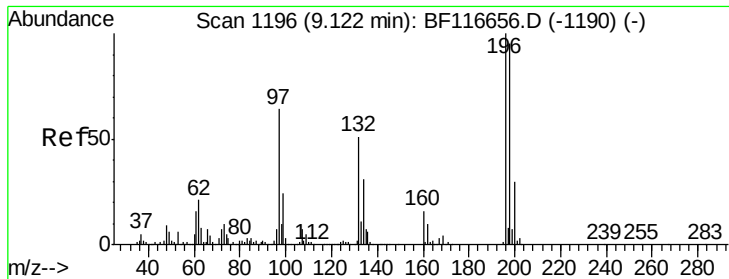
332 94.1 76.9 115.3

141 44.1 31.4 47.2



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

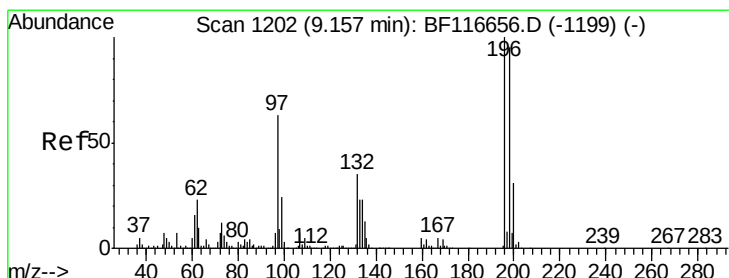
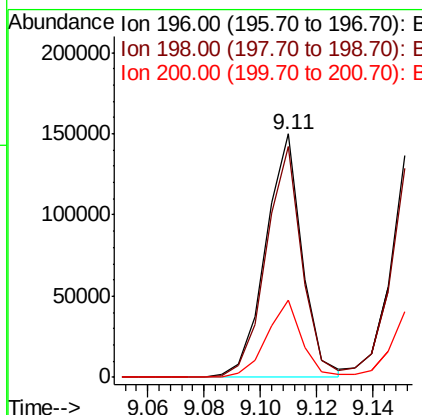
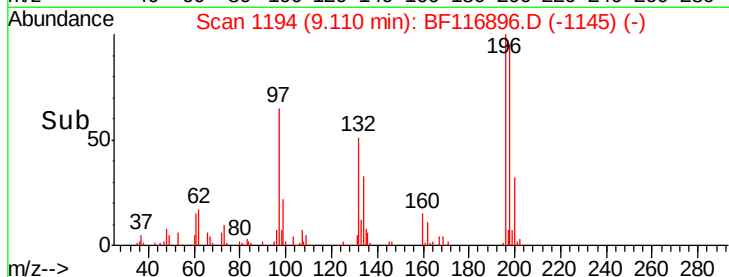
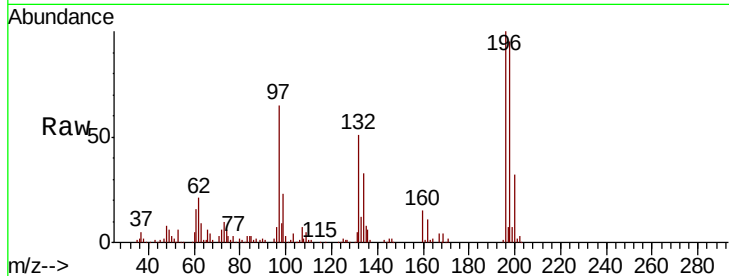




#43
 2,4,6-Trichlorophenol
 Concen: 42.797 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF116896.D
 Acq: 9 Sep 2019 15:04

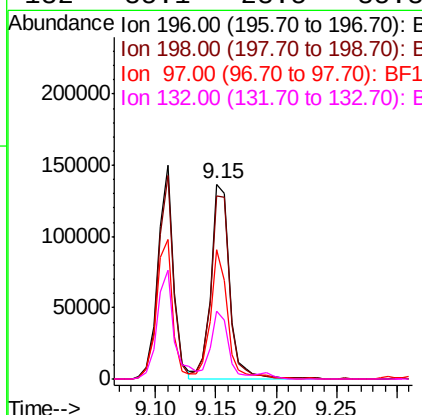
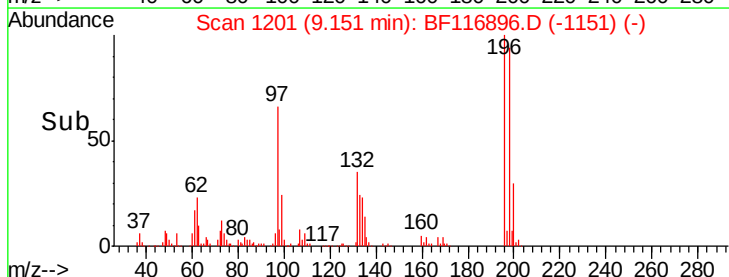
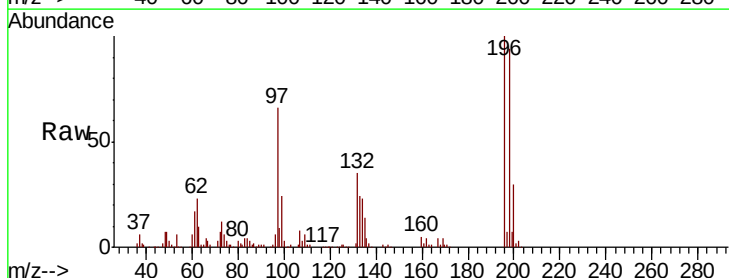
Instrument :
 BNA_F
 ClientSampleId :

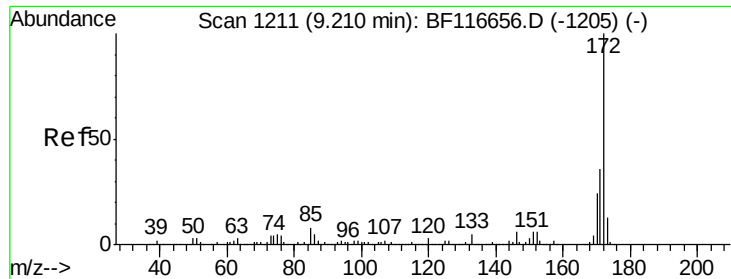
Tot Ion	196	Resp	134029
Ion Ratio	Lower	Upper	
196	100		
198	95.0	79.1	118.7
200	31.7	24.0	36.0



#44
 2,4,5-Trichlorophenol
 Concen: 45.115 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF116896.D
 Acq: 9 Sep 2019 15:04

Tgt Ion	196	Resp	146683
Ion Ratio	Lower	Upper	
196	100		
198	94.0	78.1	117.1
97	66.3	41.6	62.4
132	35.1	23.5	35.3

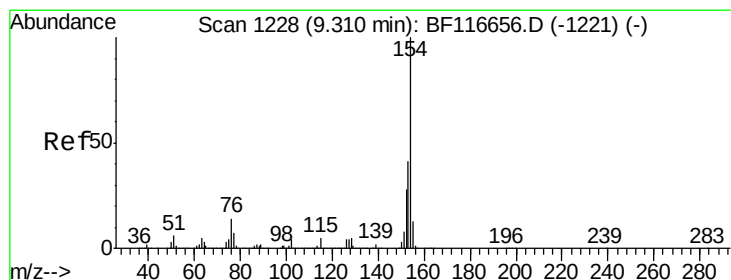
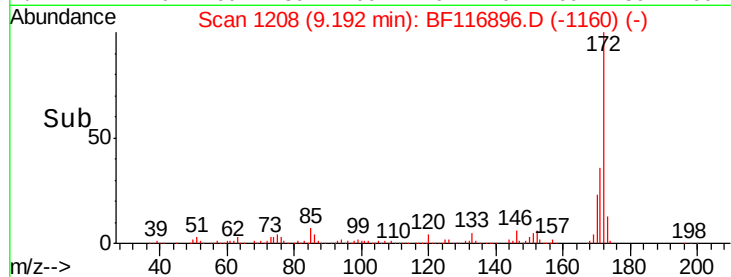
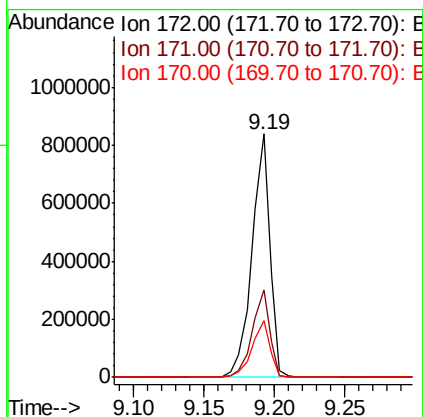
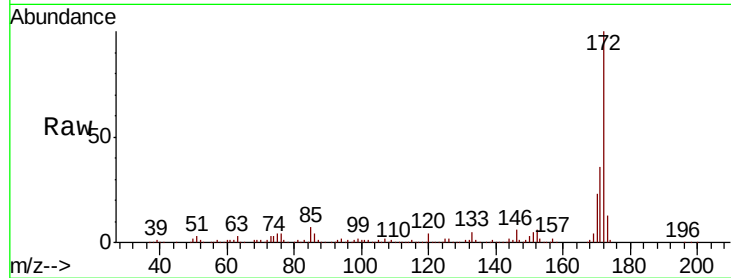




#45
2-Fluorobiphenyl
Concen: 66.688 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.02 min
Lab File: BF116896.D
Acq: 9 Sep 2019 15:04

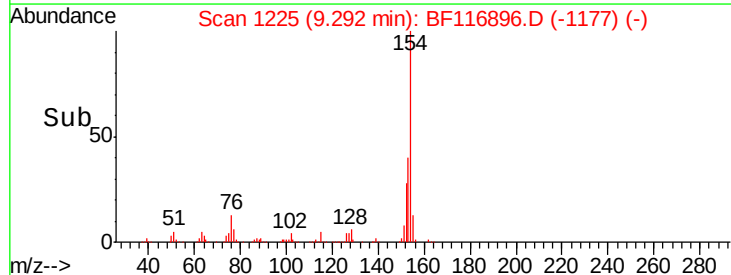
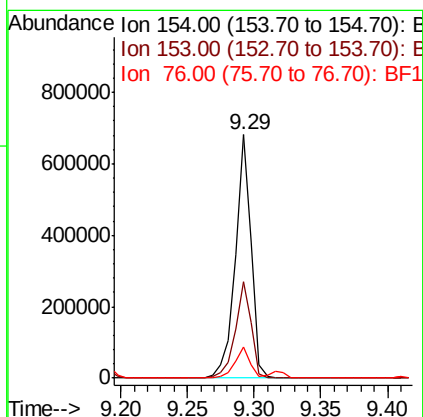
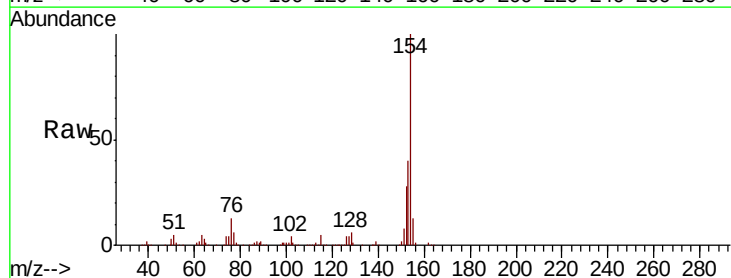
Instrument :
BNA_F
ClientSampleId :

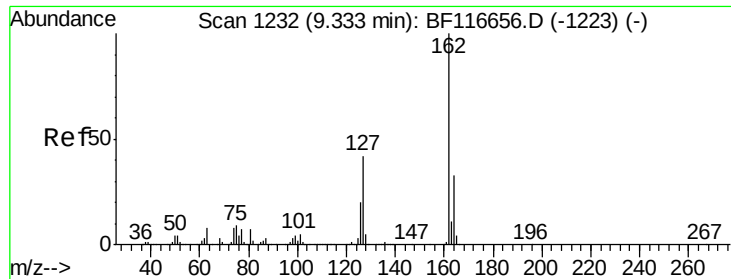
Tot Ion:172 Resp: 753426
Ion Ratio Lower Upper
172 100
171 35.7 27.8 41.6
170 23.4 18.9 28.3



#46
1,1'-Biphenyl
Concen: 39.289 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.02 min
Lab File: BF116896.D
Acq: 9 Sep 2019 15:04

Tgt Ion:154 Resp: 568176
Ion Ratio Lower Upper
154 100
153 39.7 21.2 61.2
76 12.7 0.0 30.9

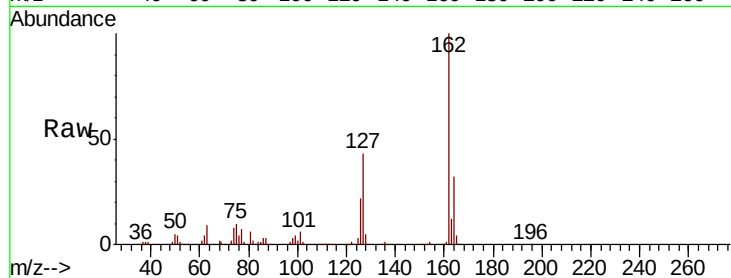




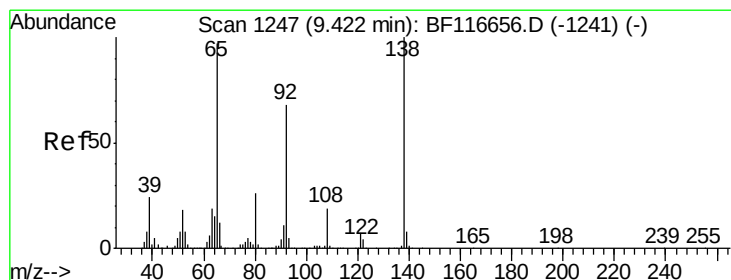
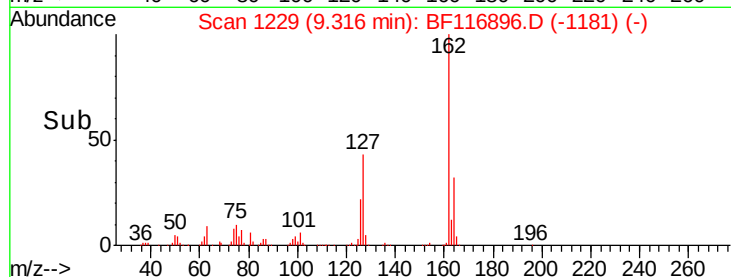
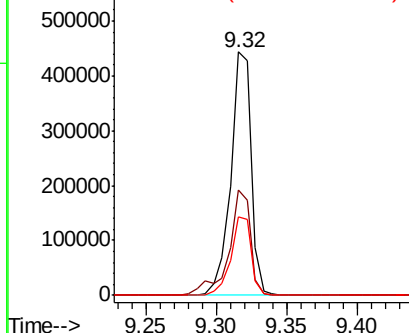
#47
 2-Chloronaphthalene
 Concen: 38.933 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.02 min
 Lab File: BF116896.D
 Acq: 9 Sep 2019 15:04

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
127	43.1	33.4	50.2
164	32.4	26.6	39.8

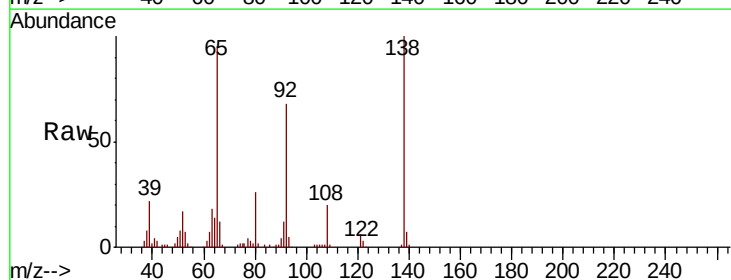


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

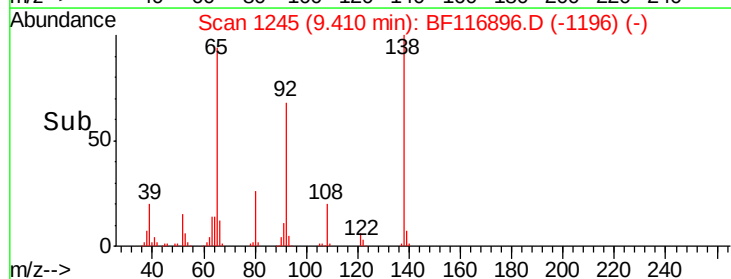
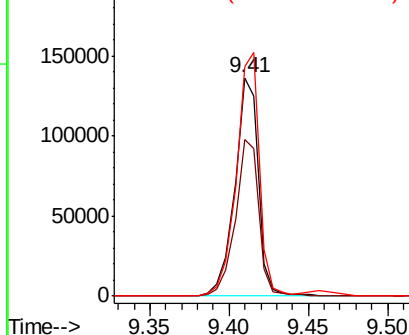


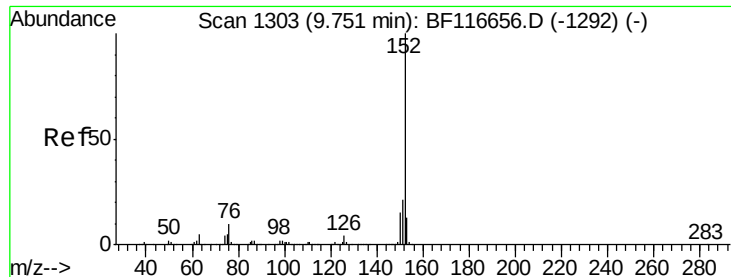
#48
 2-Nitroaniline
 Concen: 42.213 ng
 RT: 9.41 min Scan# 1245
 Delta R.T. -0.01 min
 Lab File: BF116896.D
 Acq: 9 Sep 2019 15:04

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.4	57.1	85.7
138	105.0	88.2	132.2



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.100 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.02 min

Lab File: BF116896.D

Acq: 9 Sep 2019 15:04

Instrument :

BNA_F

ClientSampled :

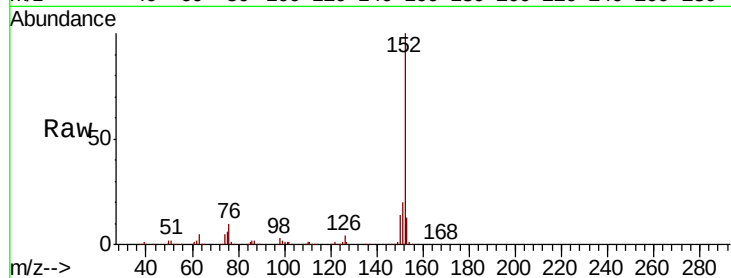
Tot Ion:152 Resp: 694306

Ion Ratio Lower Upper

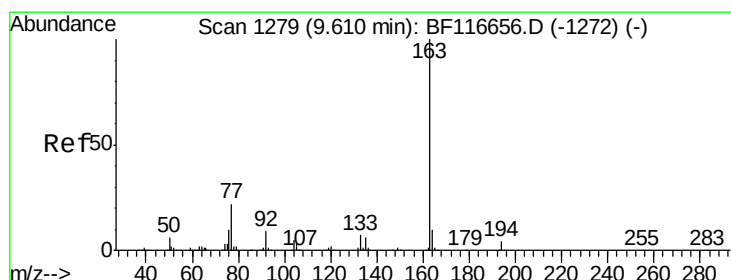
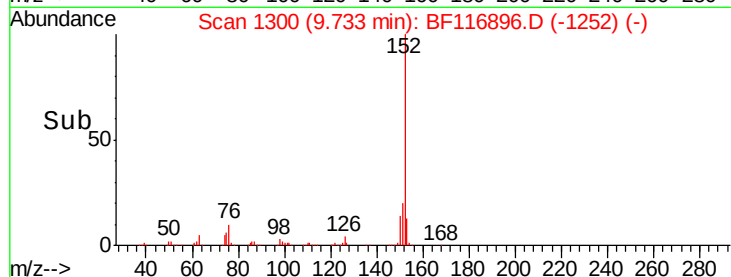
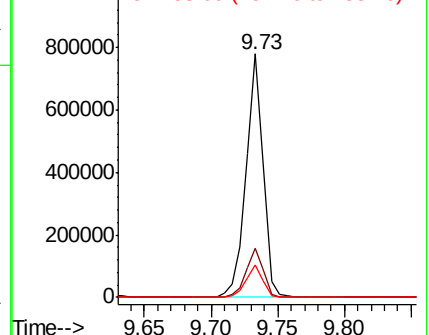
152 100

151 20.4 15.9 23.9

153 13.4 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.616 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.02 min

Lab File: BF116896.D

Acq: 9 Sep 2019 15:04

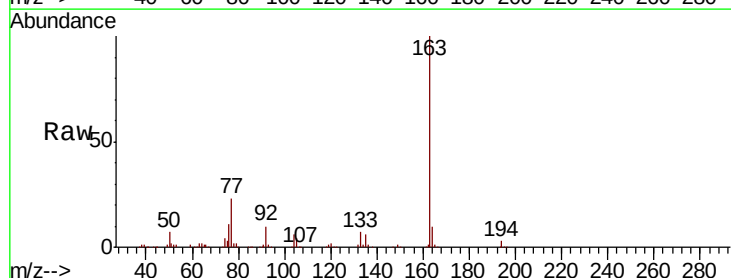
Tgt Ion:163 Resp: 521251

Ion Ratio Lower Upper

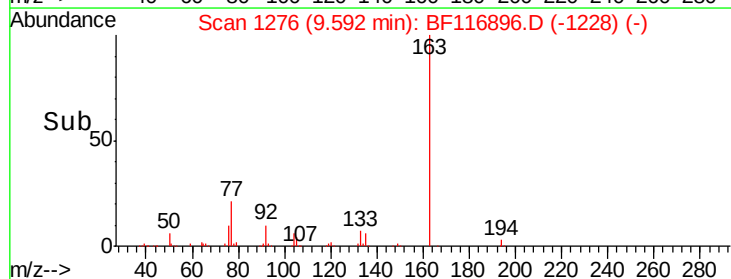
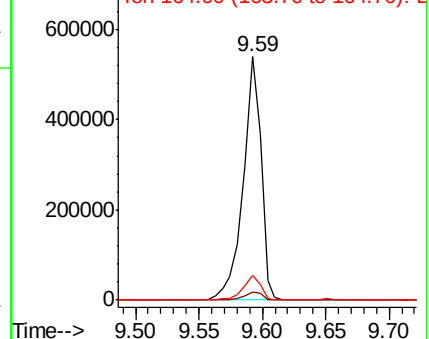
163 100

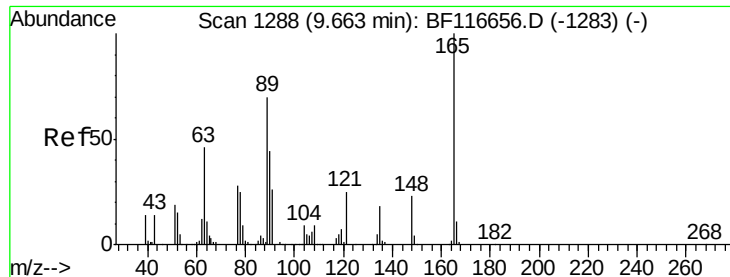
194 3.4 2.8 4.2

164 9.9 8.6 12.8



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

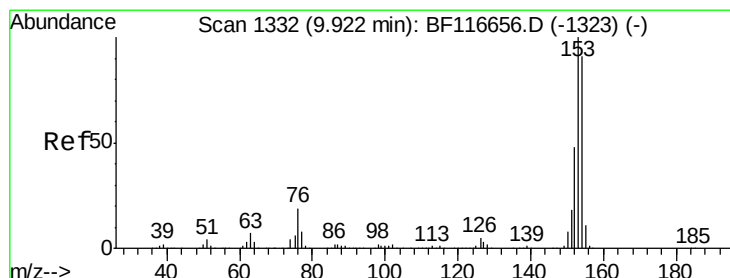
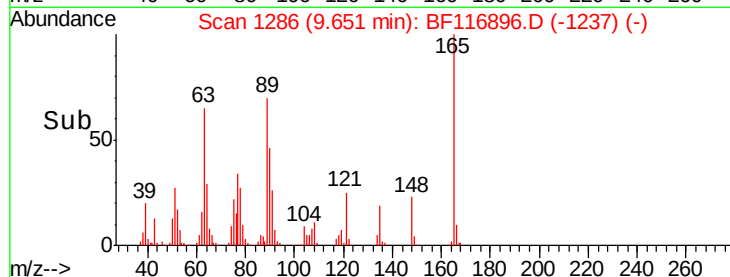
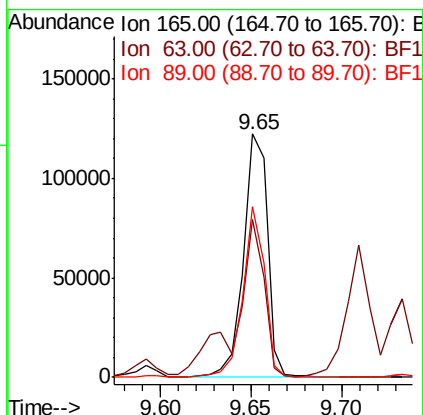
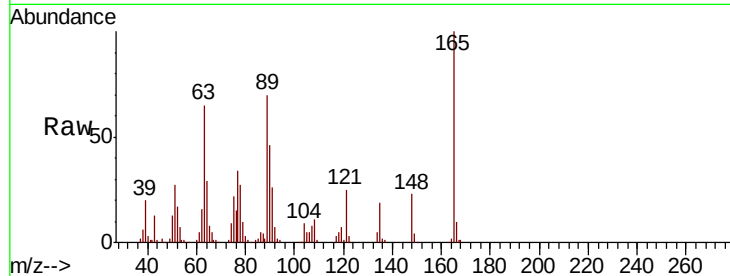




#51
 2,6-Dinitrotoluene
 Concen: 44.855 ng
 RT: 9.65 min Scan# 1286
 Delta R.T. -0.01 min
 Lab File: BF116896.D
 Acq: 9 Sep 2019 15:04

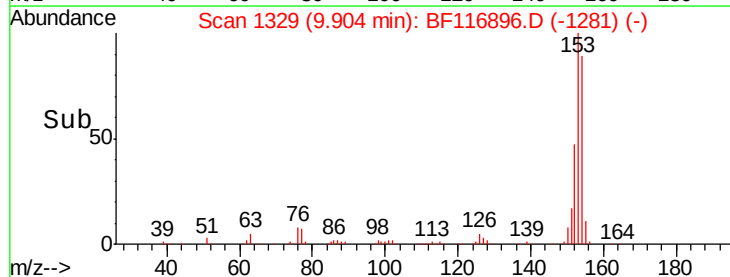
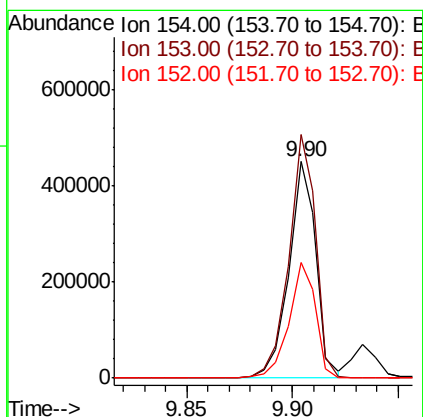
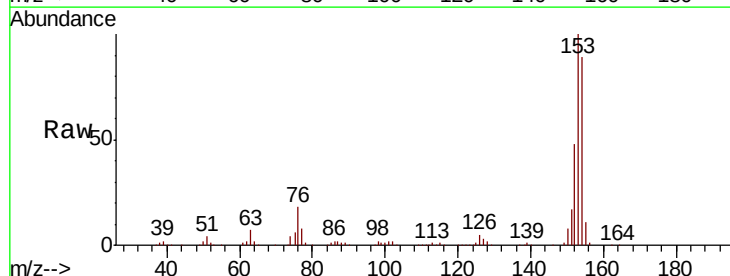
Instrument :
 BNA_F
 ClientSampleId :

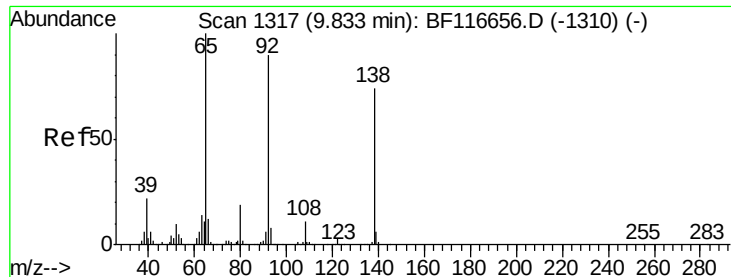
Tot Ion:165 Resp: 112604
 Ion Ratio Lower Upper
 165 100
 63 64.9 47.3 70.9
 89 69.9 52.5 78.7



#52
 Acenaphthene
 Concen: 37.968 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.02 min
 Lab File: BF116896.D
 Acq: 9 Sep 2019 15:04

Tgt Ion:154 Resp: 403927
 Ion Ratio Lower Upper
 154 100
 153 112.4 89.5 134.3
 152 53.4 41.9 62.9

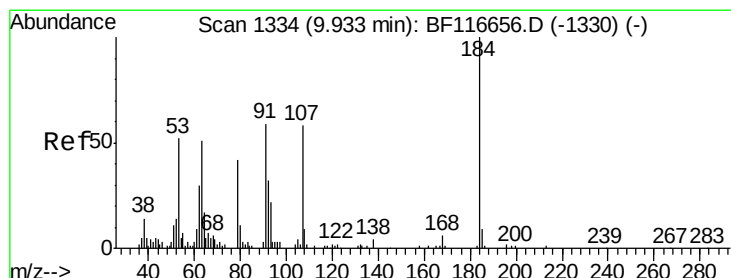
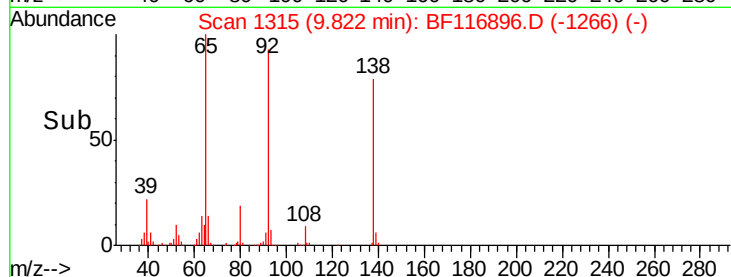
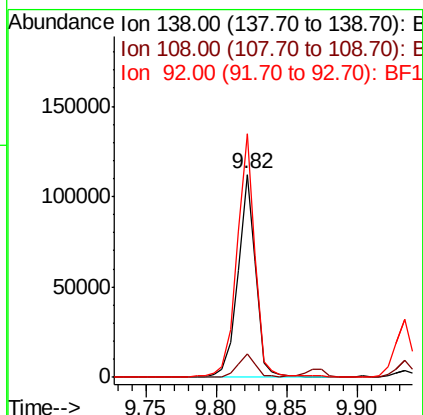
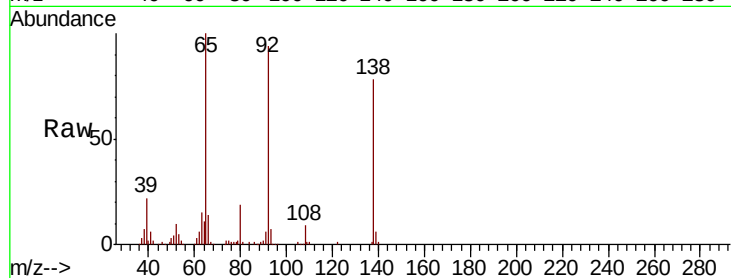




#53
3-Nitroaniline
Concen: 31.138 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF116896.D
Acq: 9 Sep 2019 15:04

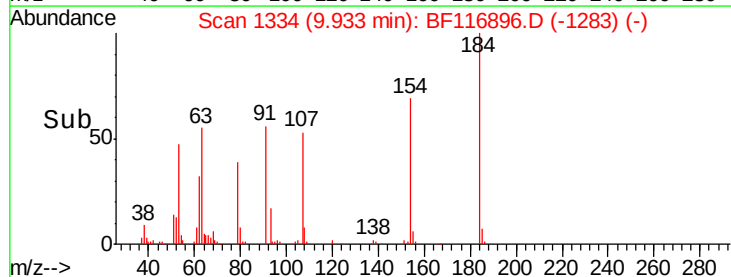
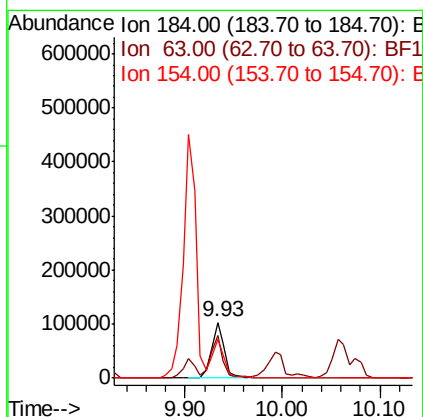
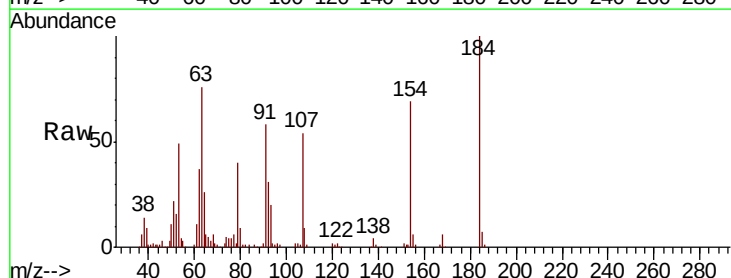
Instrument :
BNA_F
ClientSampleId :

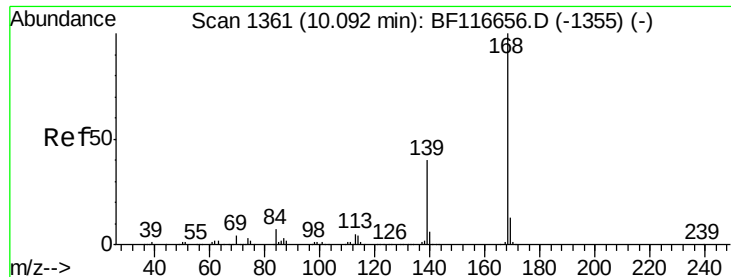
Tot Ion:138 Resp: 97961
Ion Ratio Lower Upper
138 100
108 11.5 8.5 12.7
92 119.9 87.2 130.8



#54
2,4-Dinitrophenol
Concen: 103.942 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF116896.D
Acq: 9 Sep 2019 15:04

Tgt Ion:184 Resp: 95304
Ion Ratio Lower Upper
184 100
63 76.4 52.2 78.2
154 68.8 60.8 91.2

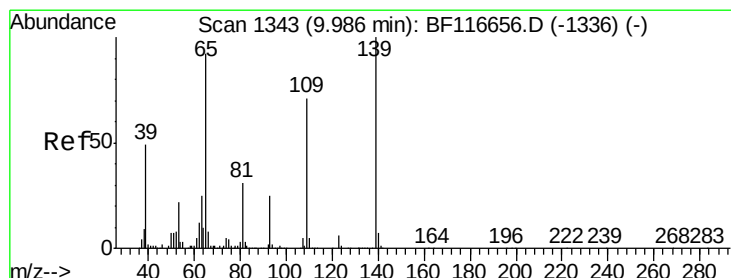
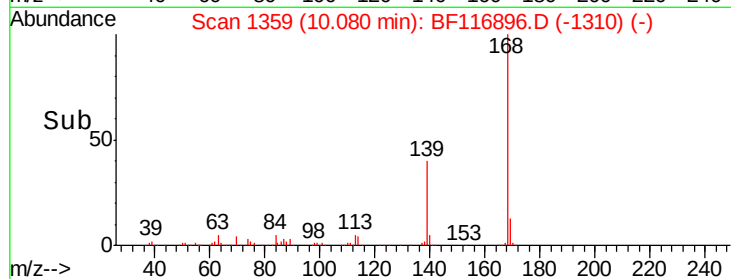
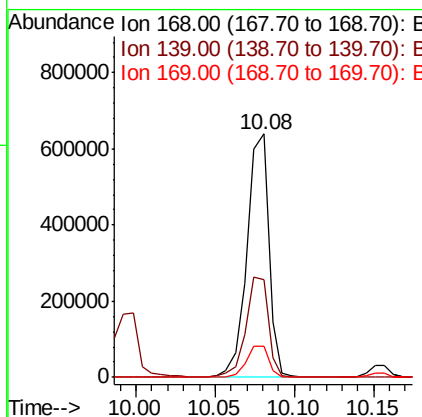
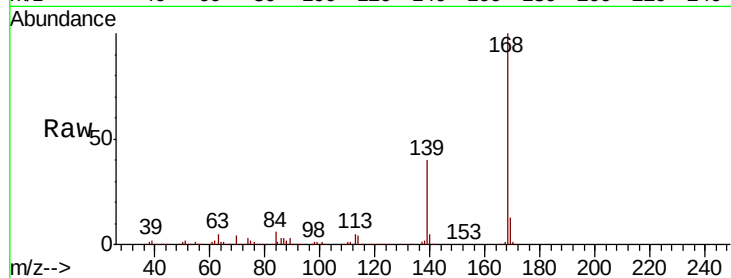




#55
Dibenzenofuran
Concen: 40.879 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF116896.D
Acq: 9 Sep 2019 15:04

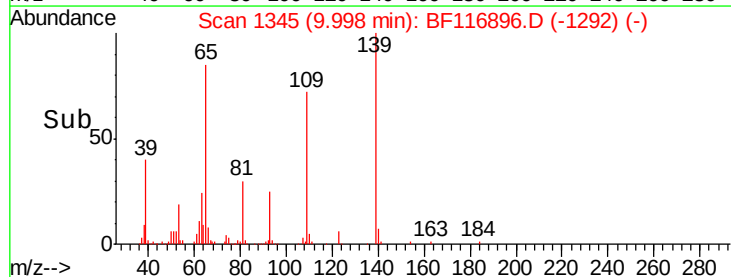
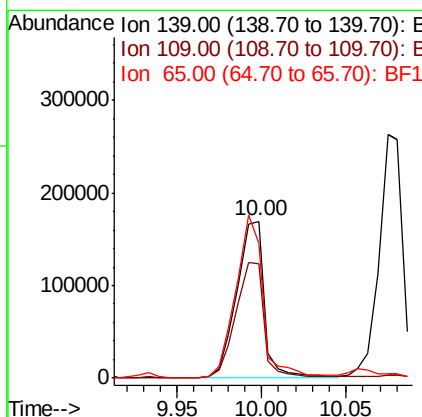
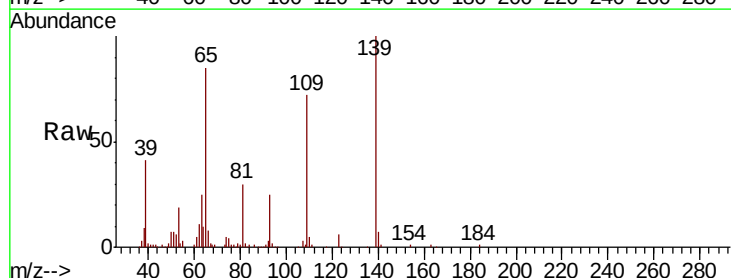
Instrument :
BNA_F
ClientSampleId :

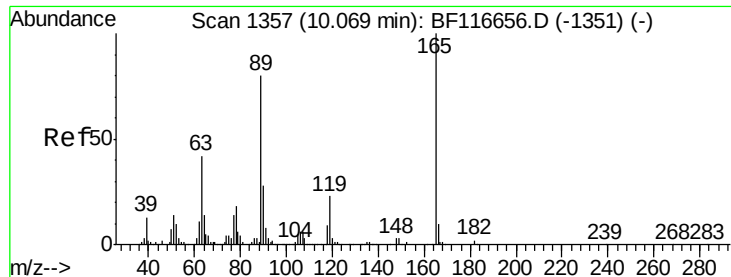
Tot Ion	Ratio	Lower	Upper
168	100		
139	40.4	31.5	47.3
169	13.0	10.3	15.5



#56
4-Nitrophenol
Concen: 90.362 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BF116896.D
Acq: 9 Sep 2019 15:04

Tgt Ion	Ratio	Lower	Upper
139	100		
109	72.4	61.7	101.7
65	85.5	89.1	129.1#





#57

2,4-Dinitrotoluene

Concen: 49.234 ng

RT: 10.06 min Scan# 1356

Delta R.T. -0.01 min

Lab File: BF116896.D

Acq: 9 Sep 2019 15:04

Instrument :

BNA_F

ClientSampled :

Tot Ion:165 Resp: 151129

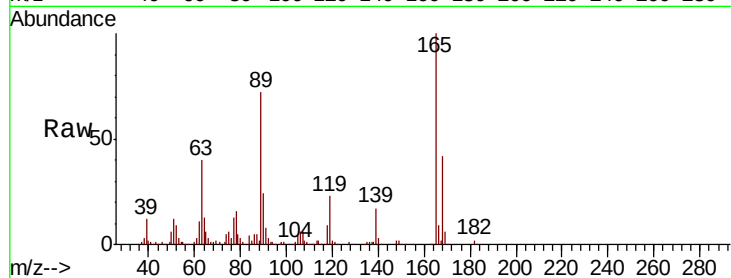
Ion Ratio Lower Upper

165 100

63 40.4 36.4 54.6

89 71.6 62.6 94.0

182 2.2 2.1 3.1

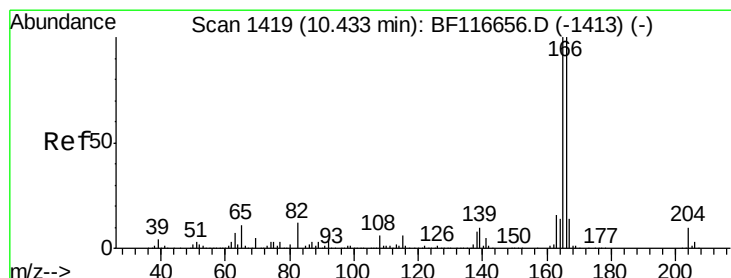
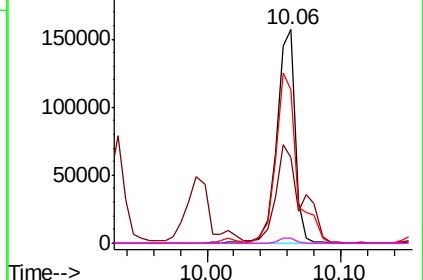
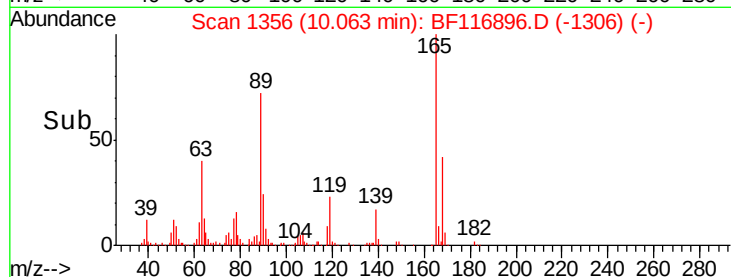


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 42.930 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.01 min

Lab File: BF116896.D

Acq: 9 Sep 2019 15:04

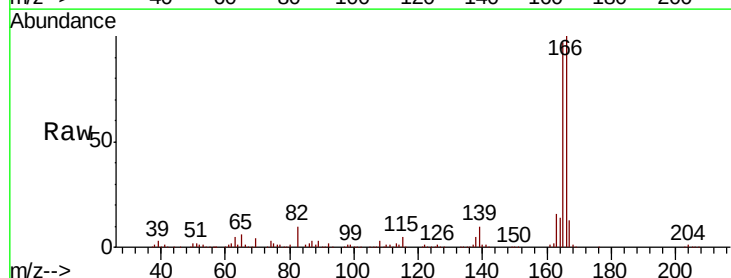
Tgt Ion:166 Resp: 490572

Ion Ratio Lower Upper

166 100

165 97.1 78.8 118.2

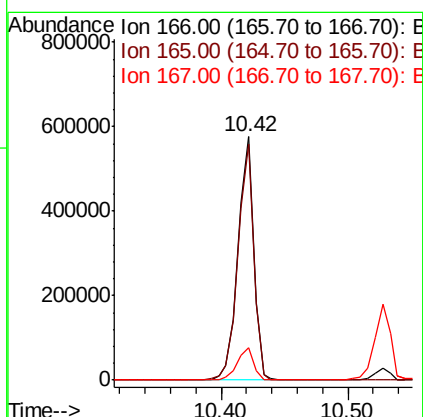
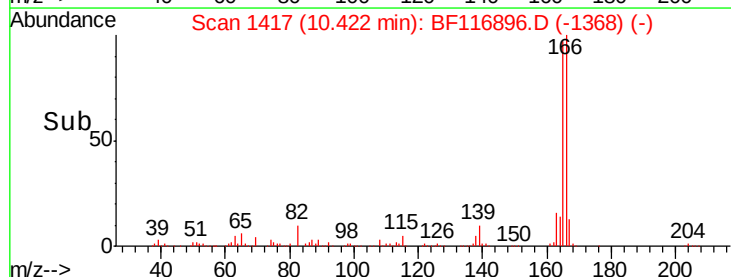
167 13.2 10.0 15.0

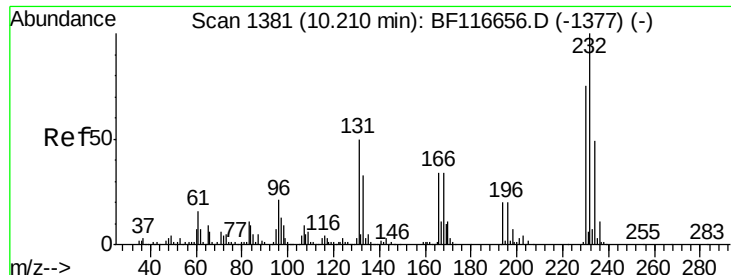


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

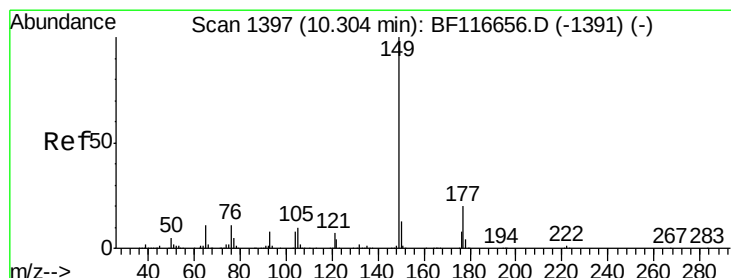
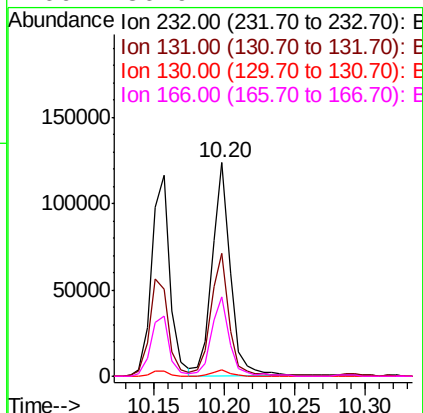
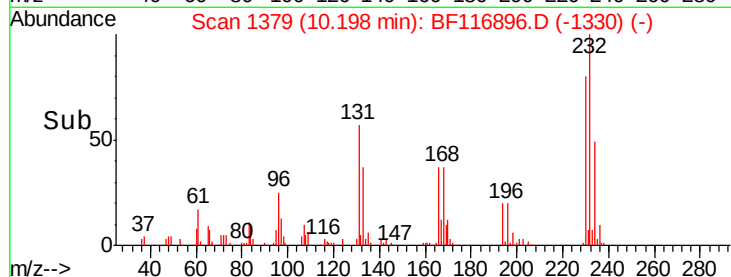
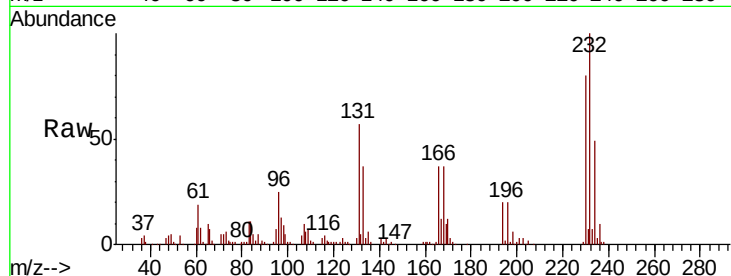




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.741 ng
RT: 10.20 min Scan# 1379
Delta R.T. -0.01 min
Lab File: BF116896.D
Acq: 9 Sep 2019 15:04

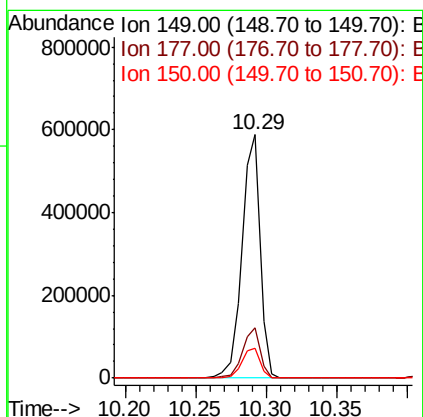
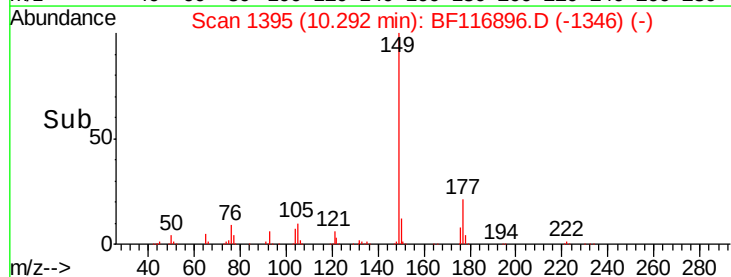
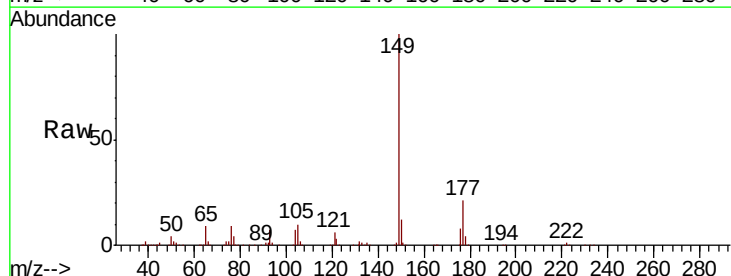
Instrument :
BNA_F
ClientSampleId :

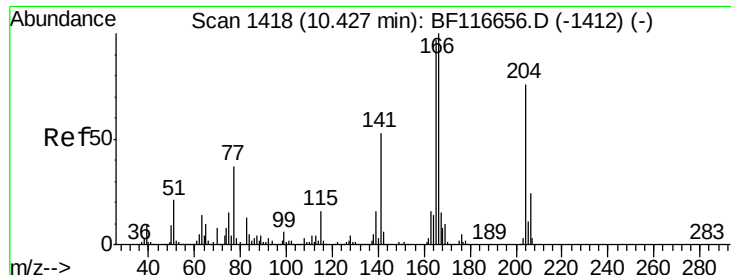
Tot Ion	Ratio	Lower	Upper
232	100		
131	56.4	42.7	64.1
130	2.6	1.9	2.9
166	36.9	27.4	41.2



#60
Diethylphthalate
Concen: 40.051 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BF116896.D
Acq: 9 Sep 2019 15:04

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.8	17.2	25.8
150	12.0	9.7	14.5

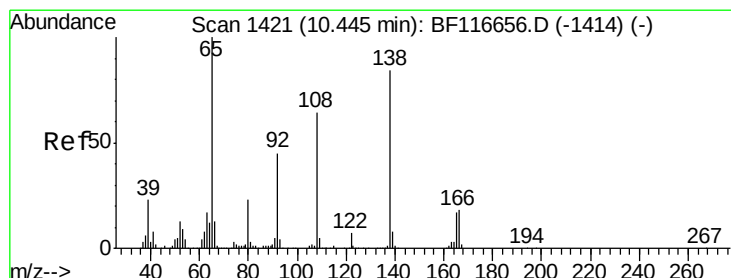
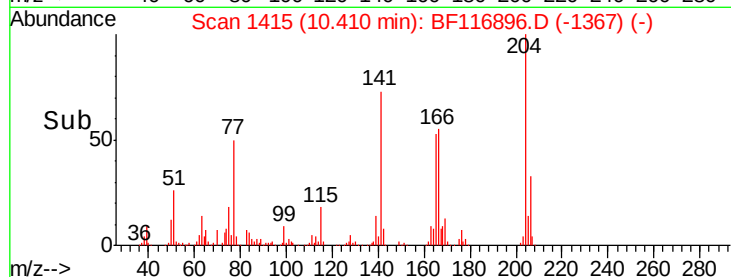
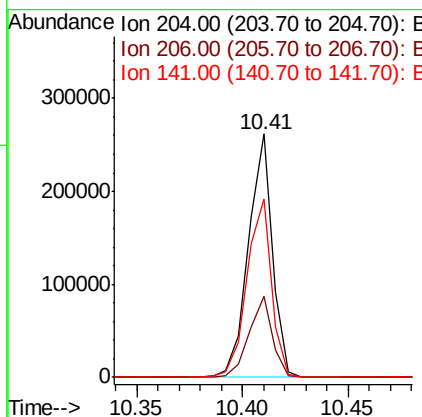
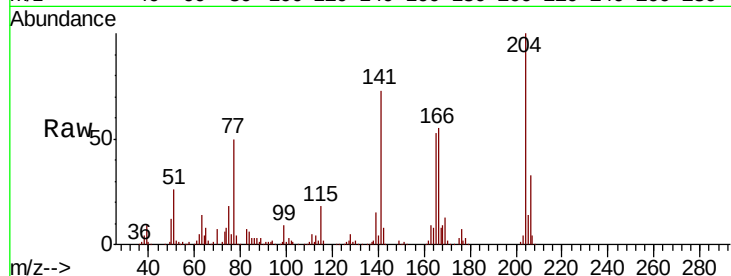




#61
4-Chlorophenyl-phenylether
Concen: 41.441 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.02 min
Lab File: BF116896.D
Acq: 9 Sep 2019 15:04

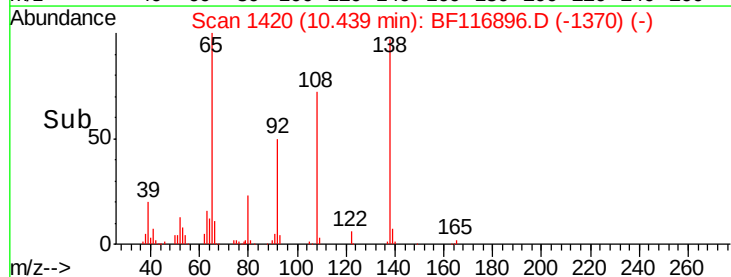
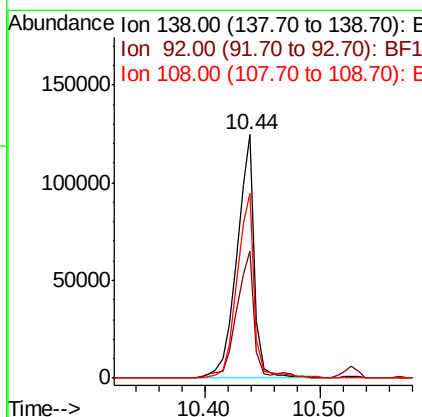
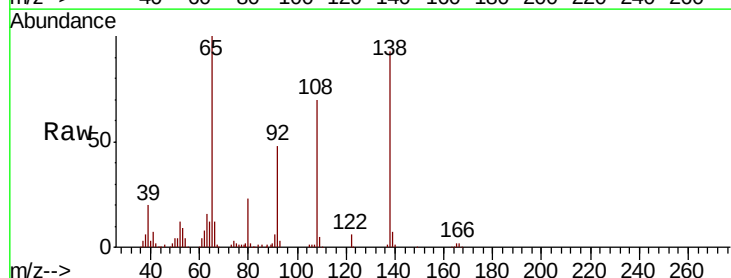
Instrument :
BNA_F
ClientSampleId :

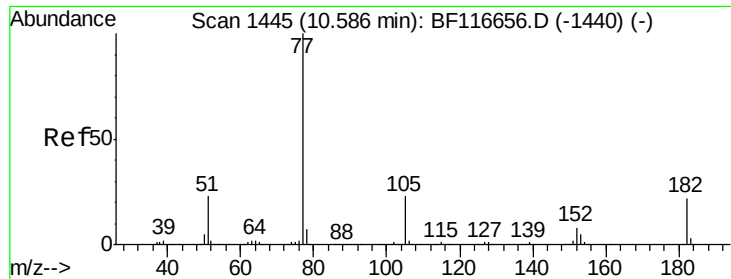
Tot Ion:204 Resp: 207371
Ion Ratio Lower Upper
204 100
206 33.0 25.4 38.2
141 73.1 53.8 80.8



#62
4-Nitroaniline
Concen: 42.820 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF116896.D
Acq: 9 Sep 2019 15:04

Tgt Ion:138 Resp: 130735
Ion Ratio Lower Upper
138 100
92 52.1 28.7 68.7
108 75.7 60.4 100.4

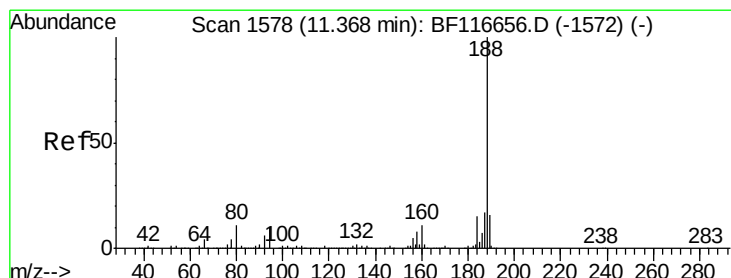
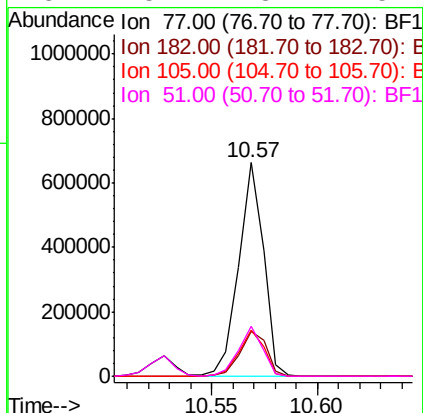
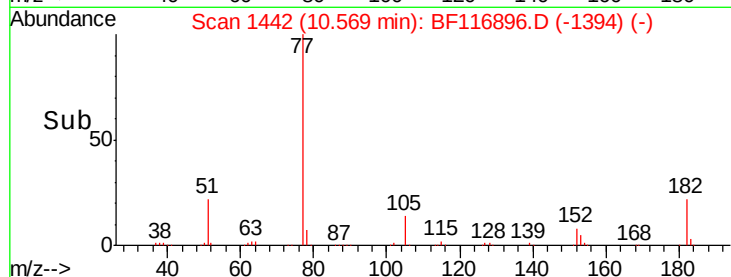
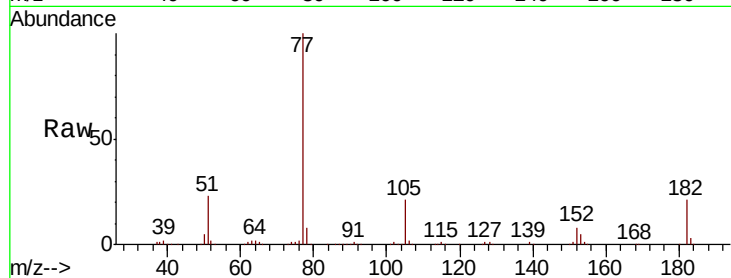




#63
Azobenzene
Concen: 39.167 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.02 min
Lab File: BF116896.D
Acq: 9 Sep 2019 15:04

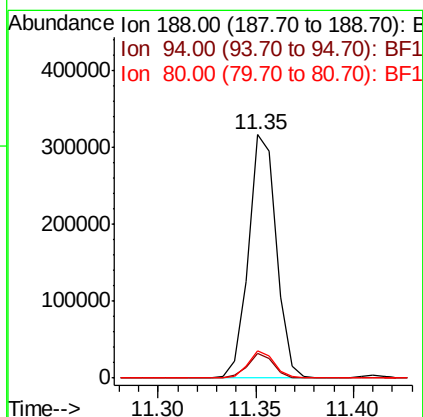
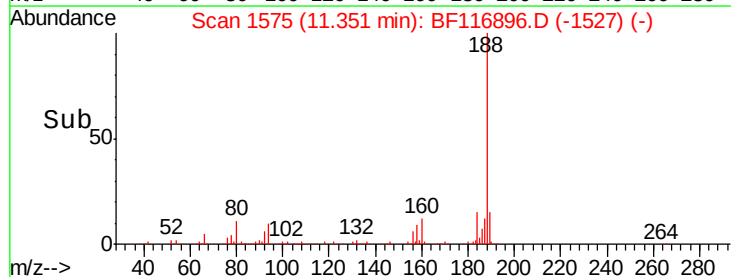
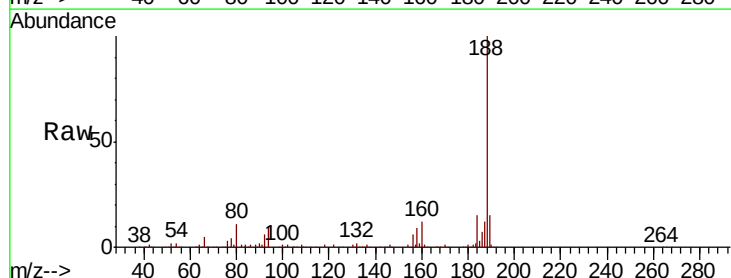
Instrument :
BNA_F
ClientSampleId :

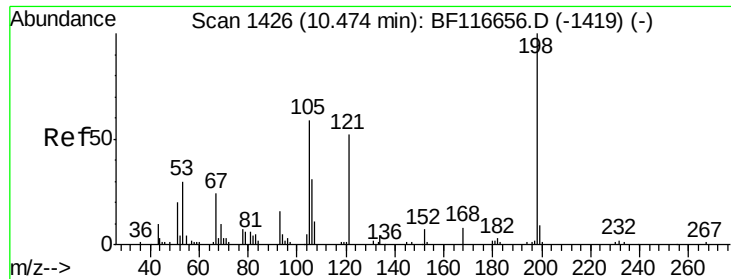
Tot Ion	Ratio	Lower	Upper
77	100		
182	20.8	1.2	41.2
105	21.5	0.6	40.6
51	23.2	8.2	48.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF116896.D
Acq: 9 Sep 2019 15:04

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.0	7.3	10.9
80	11.3	8.4	12.6

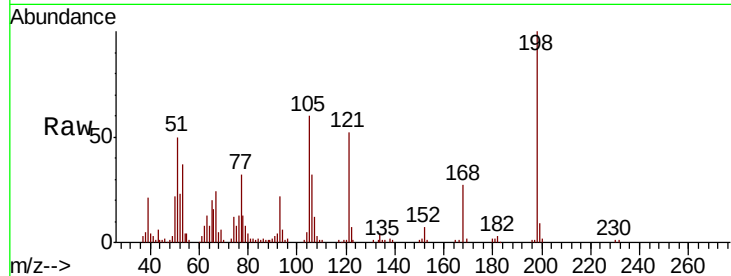




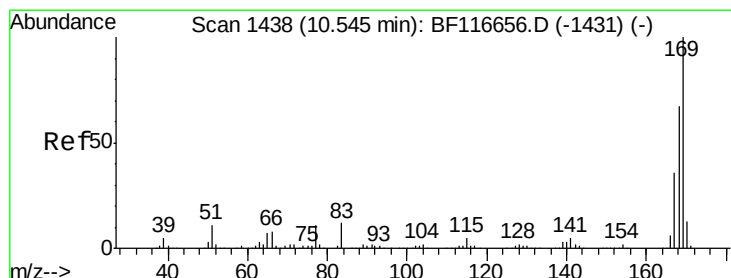
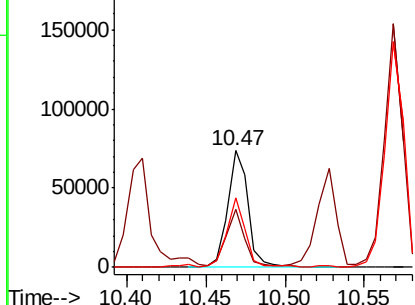
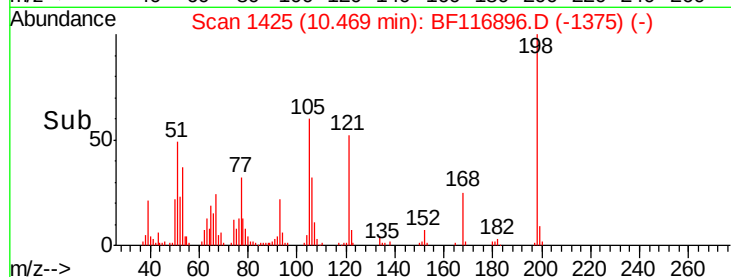
#65
4,6-Dinitro-2-methylphenol
Concen: 55.529 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF116896.D
Acq: 9 Sep 2019 15:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 65527
Ion Ratio Lower Upper
198 100
51 49.7 18.4 58.4
105 59.7 22.9 62.9

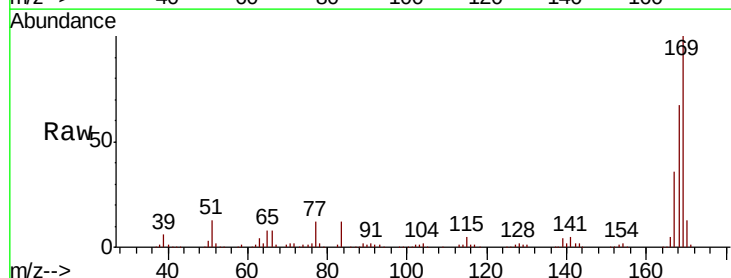


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

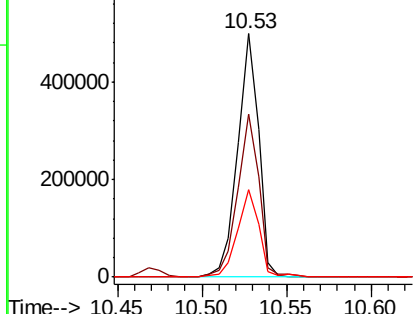
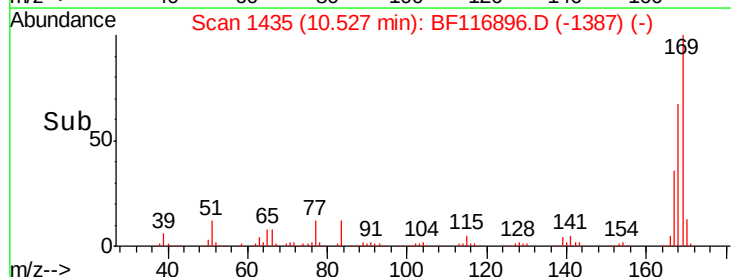


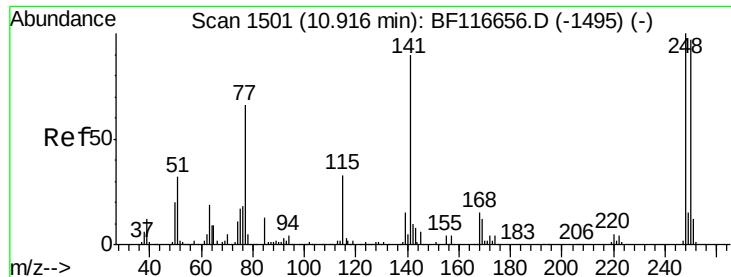
#66
n-Nitrosodiphenylamine
Concen: 39.796 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.02 min
Lab File: BF116896.D
Acq: 9 Sep 2019 15:04

Tgt Ion:169 Resp: 430373
Ion Ratio Lower Upper
169 100
168 67.0 55.8 83.6
167 35.9 29.4 44.2



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

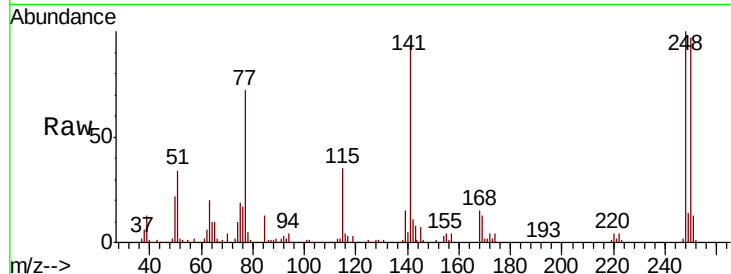




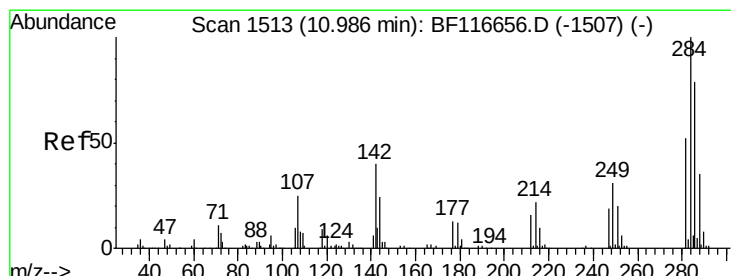
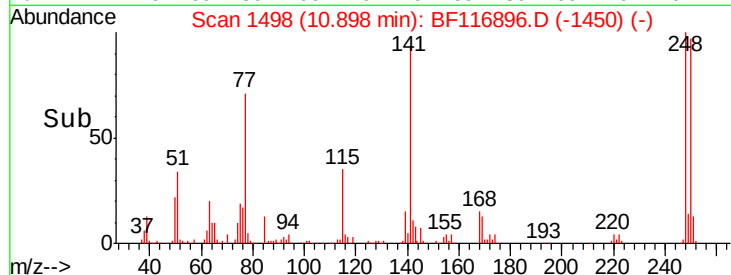
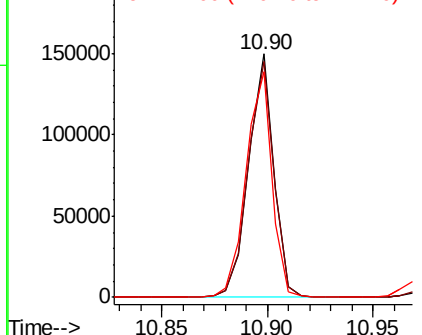
#67
4-Bromophenyl-phenylether
Concen: 39.180 ng
RT: 10.90 min Scan# 1498
Delta R.T. -0.02 min
Lab File: BF116896.D
Acq: 9 Sep 2019 15:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 124428
Ion Ratio Lower Upper
248 100
250 97.1 77.8 116.8
141 92.6 75.9 113.9

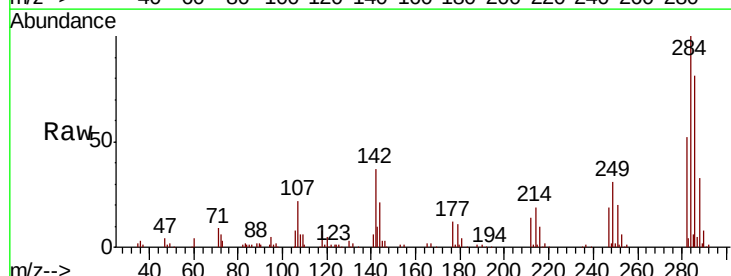


Abundance Ion 248.00 (247.70 to 248.70): E
200000 Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

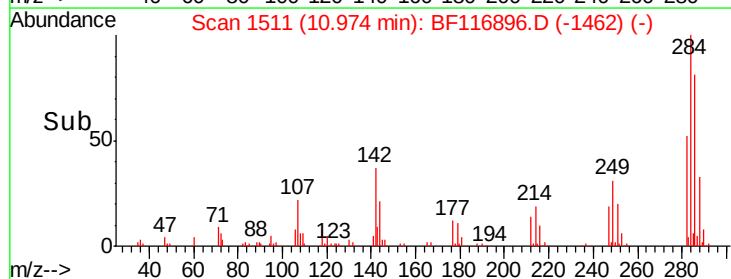
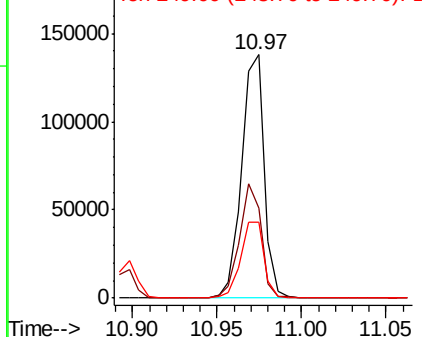


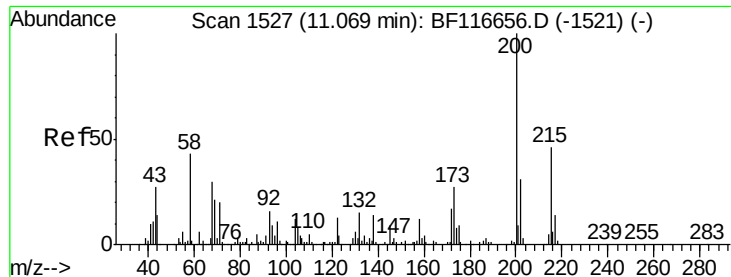
#68
Hexachlorobenzene
Concen: 38.739 ng
RT: 10.97 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF116896.D
Acq: 9 Sep 2019 15:04

Tgt Ion:284 Resp: 128718
Ion Ratio Lower Upper
284 100
142 37.1 34.0 51.0
249 31.3 26.4 39.6



Abundance Ion 283.80 (283.50 to 284.50): E
150000 Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 38.358 ng

RT: 11.06 min Scan# 1525

Delta R.T. -0.01 min

Lab File: BF116896.D

Acq: 9 Sep 2019 15:04

Instrument :

BNA_F

ClientSampleId :

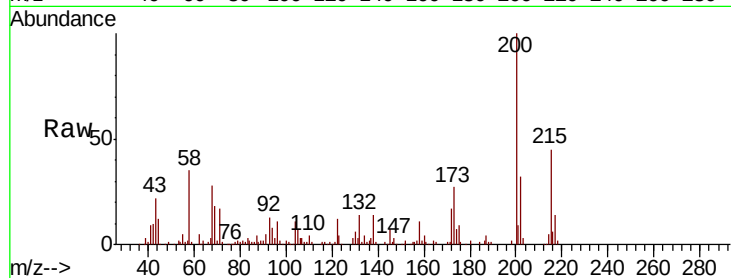
Tot Ion:200 Resp: 116182

Ion Ratio Lower Upper

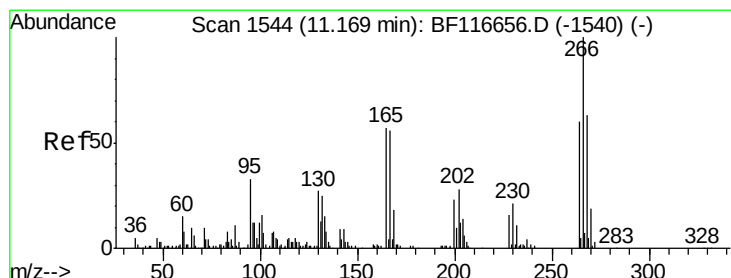
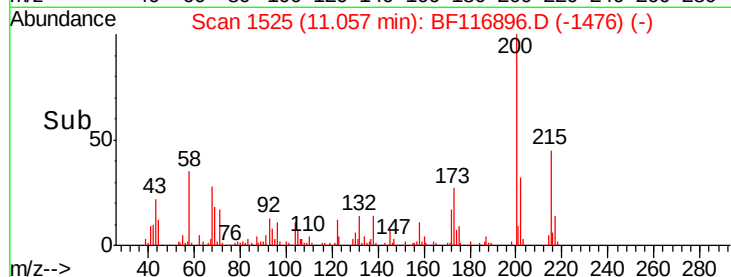
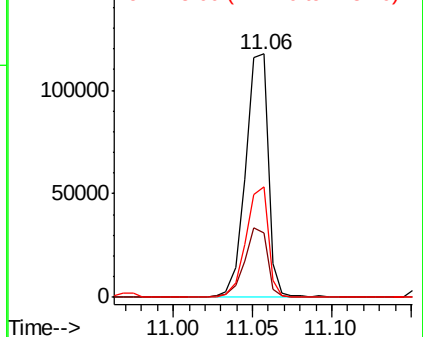
200 100

173 26.7 6.2 46.2

215 45.4 24.3 64.3



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 92.458 ng

RT: 11.16 min Scan# 1543

Delta R.T. -0.01 min

Lab File: BF116896.D

Acq: 9 Sep 2019 15:04

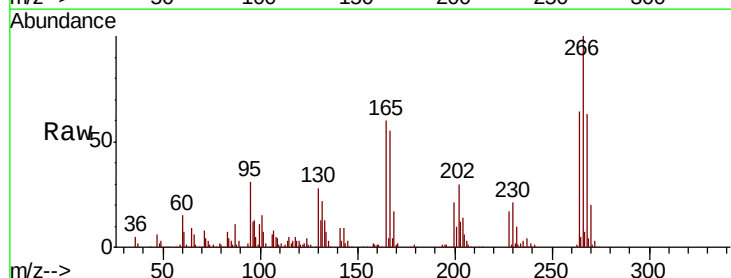
Tgt Ion:266 Resp: 148612

Ion Ratio Lower Upper

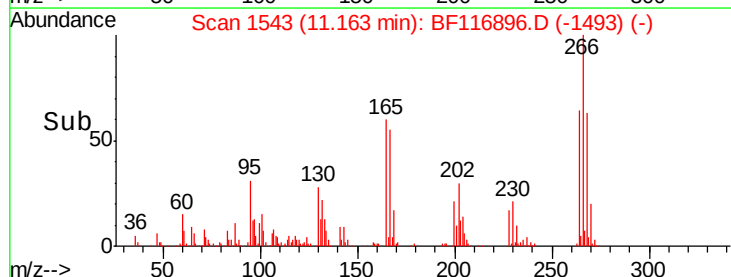
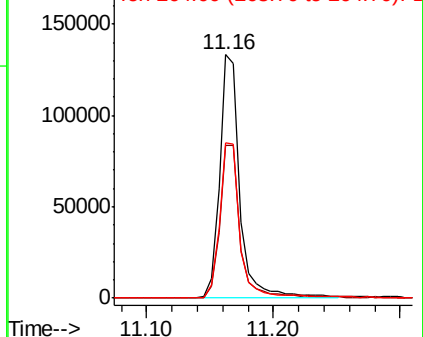
266 100

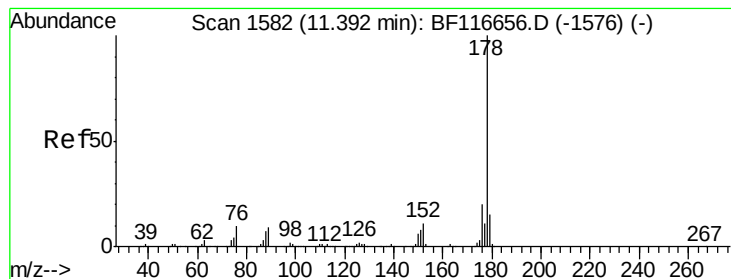
268 62.8 51.2 76.8

264 64.0 51.9 77.9



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 40.262 ng

RT: 11.38 min Scan# 1580

Delta R.T. -0.01 min

Lab File: BF116896.D

Acq: 9 Sep 2019 15:04

Instrument :

BNA_F

ClientSampled :

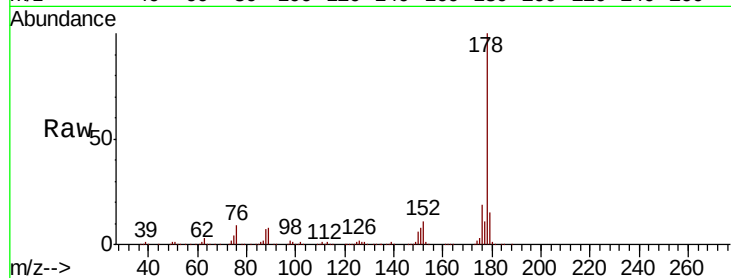
Tot Ion:178 Resp: 700651

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.0

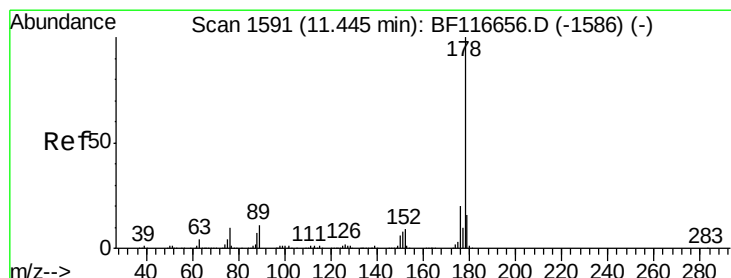
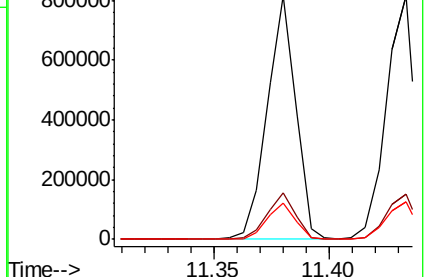
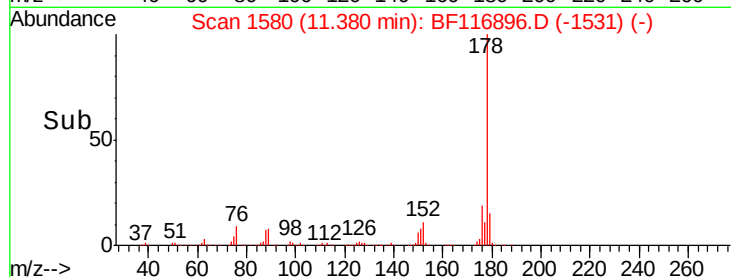
179 15.1 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.493 ng

RT: 11.43 min Scan# 1589

Delta R.T. -0.01 min

Lab File: BF116896.D

Acq: 9 Sep 2019 15:04

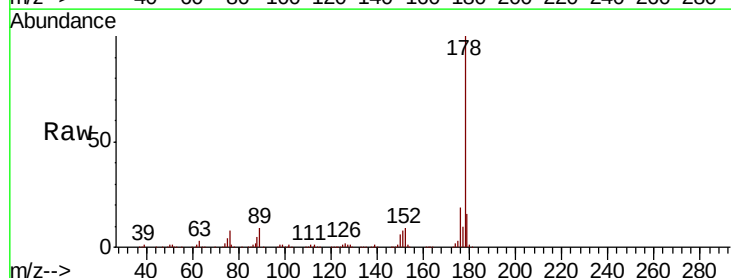
Tgt Ion:178 Resp: 709359

Ion Ratio Lower Upper

178 100

176 18.7 15.4 23.0

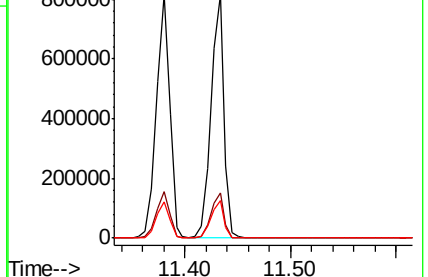
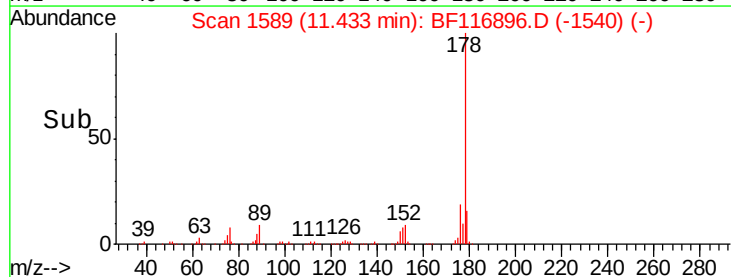
179 15.6 12.5 18.7

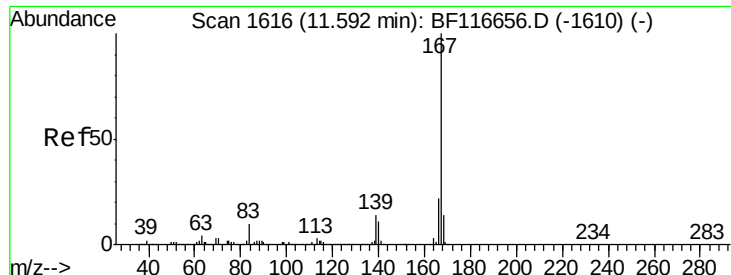


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

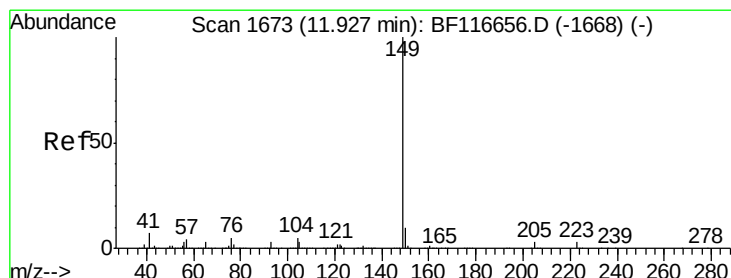
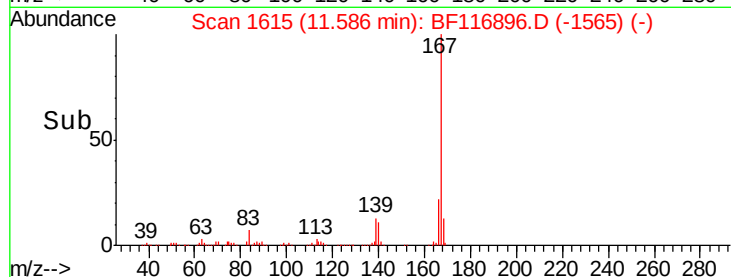
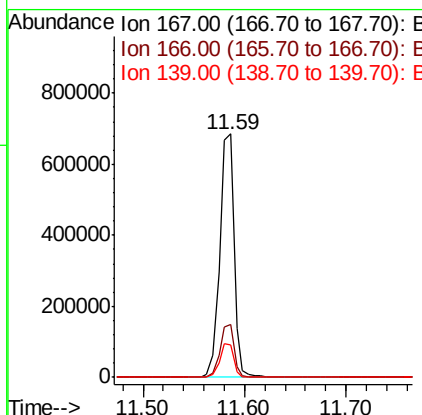
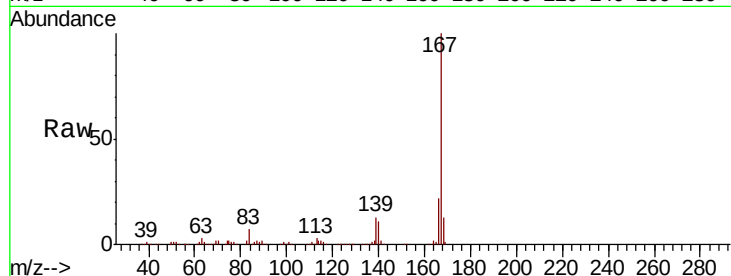




#73
 Carbazole
 Concen: 40.379 ng
 RT: 11.59 min Scan# 1615
 Delta R.T. -0.01 min
 Lab File: BF116896.D
 Acq: 9 Sep 2019 15:04

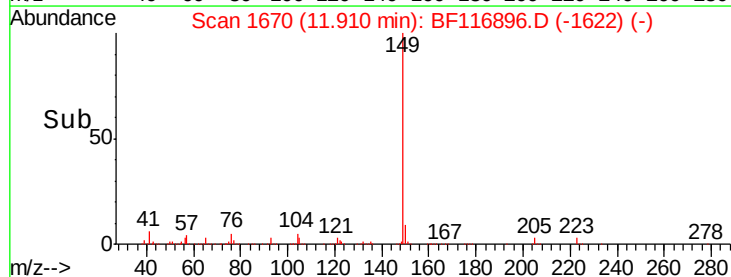
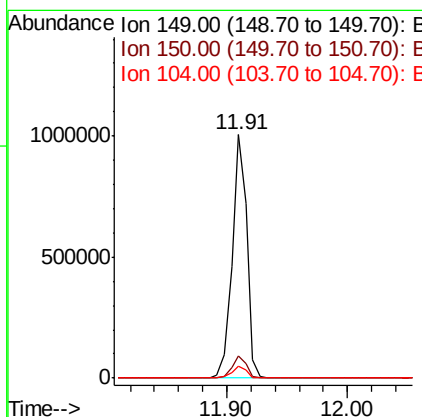
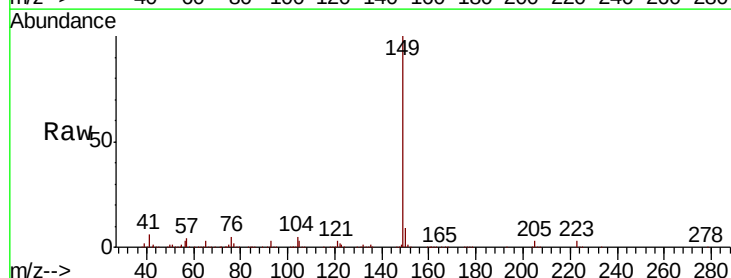
Instrument :
 BNA_F
 ClientSampleId :

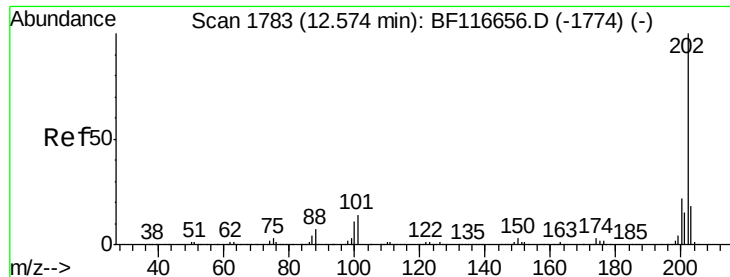
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.8	26.6
139	13.4	11.1	16.7



#74
 Di-n-butylphthalate
 Concen: 39.391 ng
 RT: 11.91 min Scan# 1670
 Delta R.T. -0.02 min
 Lab File: BF116896.D
 Acq: 9 Sep 2019 15:04

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.2	10.8
104	5.2	4.2	6.2

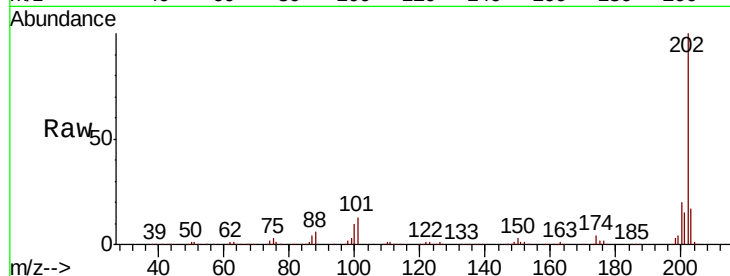




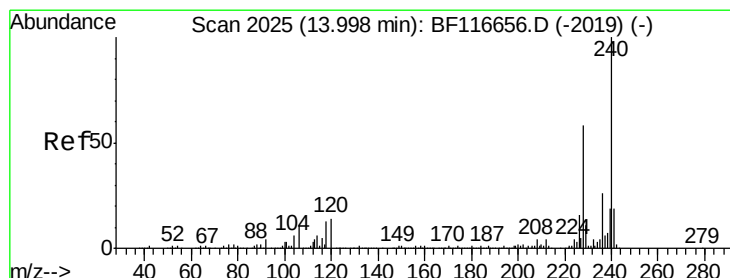
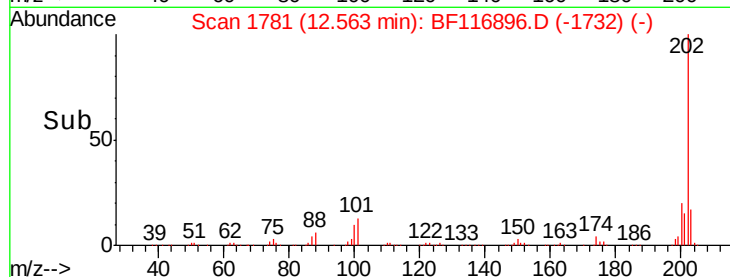
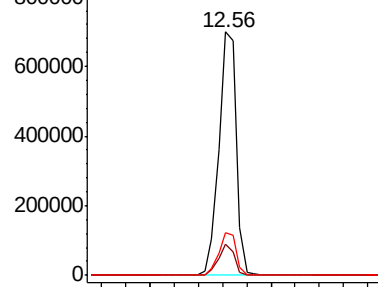
#75
Fluoranthene
Concen: 41.503 ng
RT: 12.56 min Scan# 1781
Delta R.T. -0.01 min
Lab File: BF116896.D
Acq: 9 Sep 2019 15:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	31.3
203	17.4	0.0	37.6

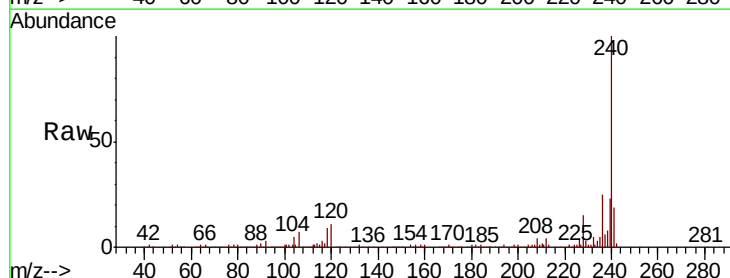


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

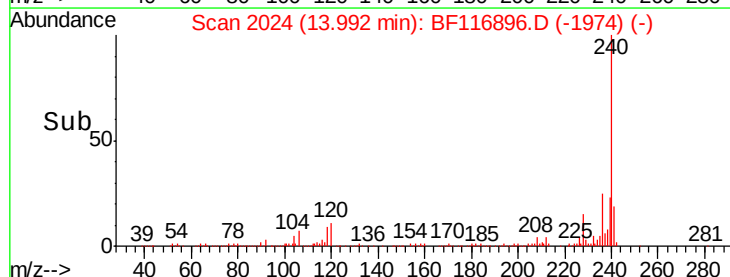
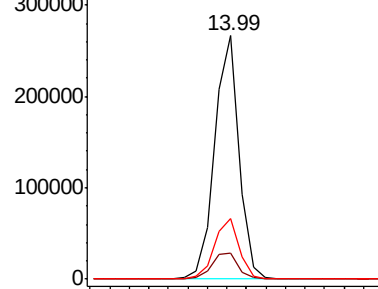


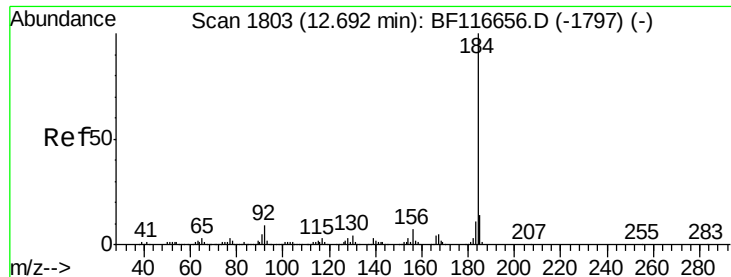
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF116896.D
Acq: 9 Sep 2019 15:04

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.6	9.1	13.7
236	25.1	21.1	31.7



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 15.869 ng

RT: 12.68 min Scan# 1801

Delta R.T. -0.01 min

Lab File: BF116896.D

Acq: 9 Sep 2019 15:04

Instrument :

BNA_F

ClientSampleId :

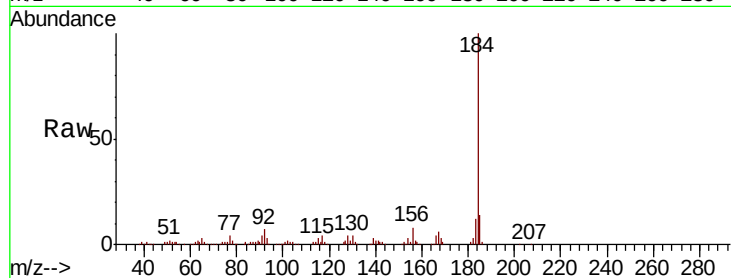
Tot Ion:184 Resp: 142650

Ion Ratio Lower Upper

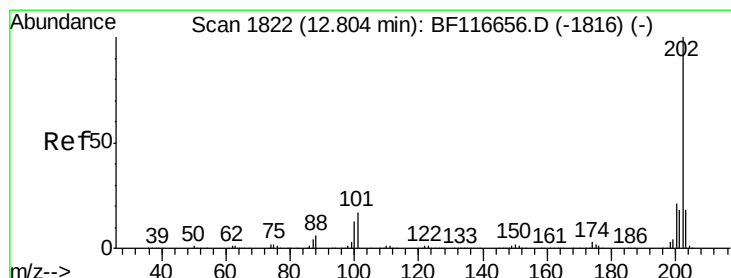
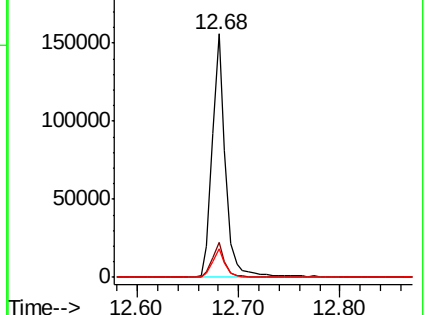
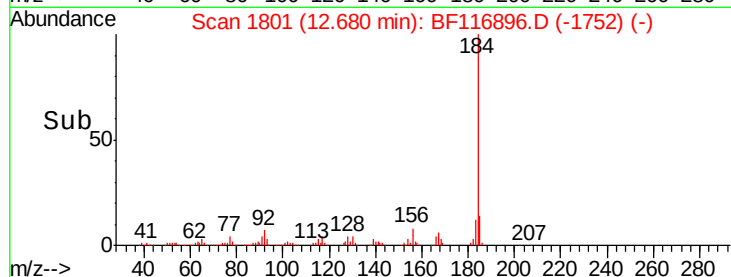
184 100

185 14.3 11.3 16.9

183 11.5 9.2 13.8



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 35.566 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF116896.D

Acq: 9 Sep 2019 15:04

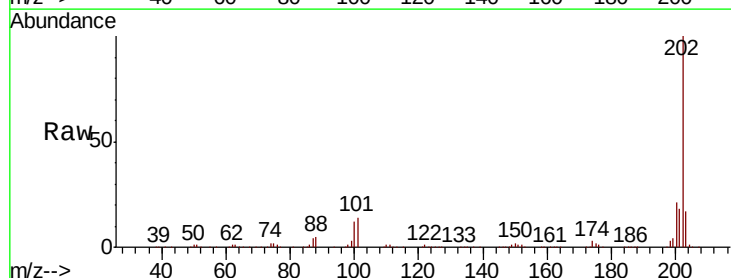
Tgt Ion:202 Resp: 724586

Ion Ratio Lower Upper

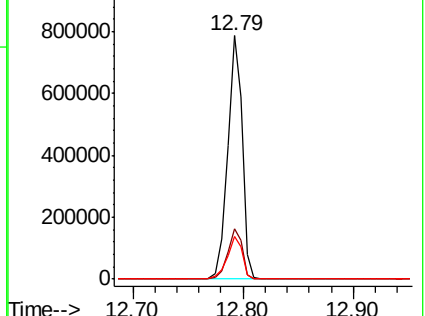
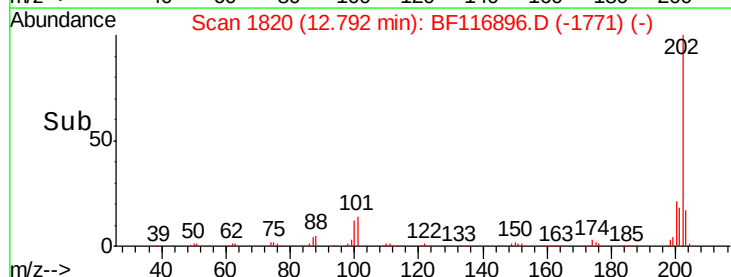
202 100

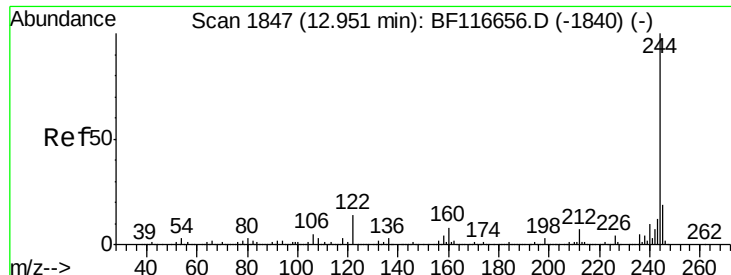
200 20.9 16.5 24.7

203 17.3 13.7 20.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

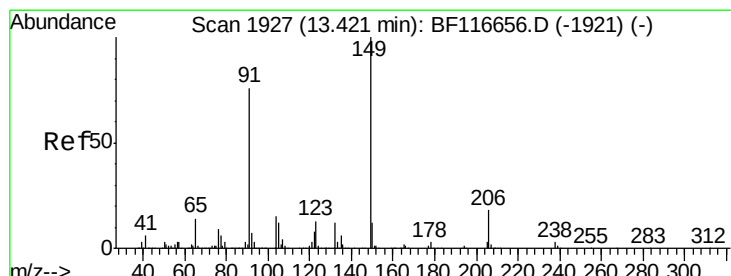
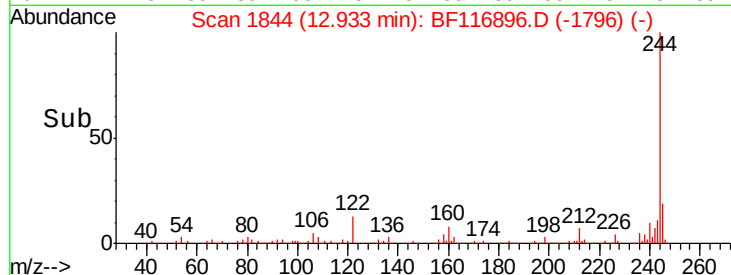
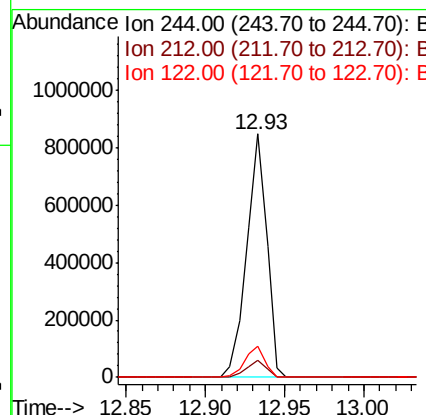
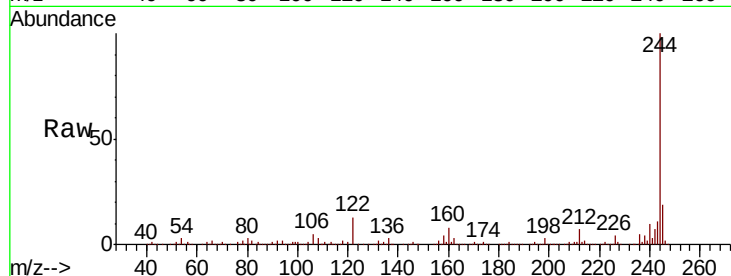




#79
 Terphenyl-d14
 Concen: 59.977 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. -0.02 min
 Lab File: BF116896.D
 Acq: 9 Sep 2019 15:04

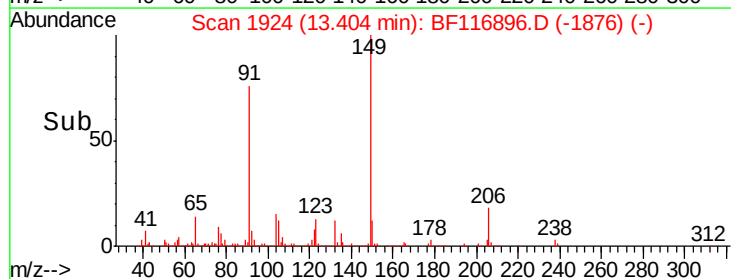
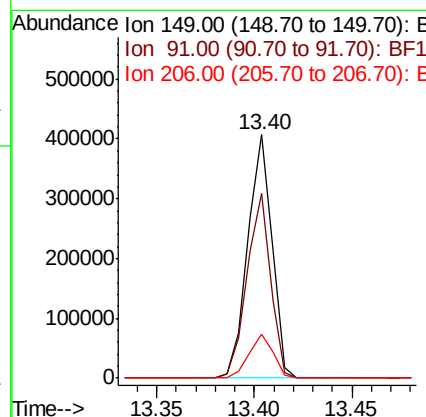
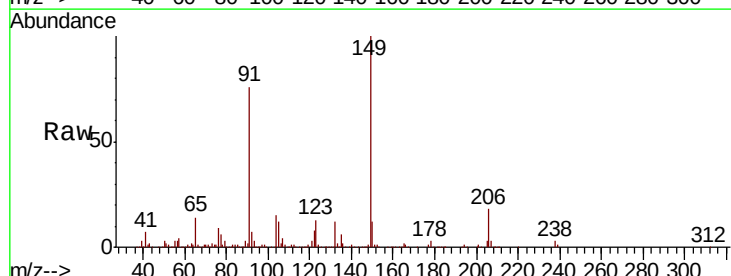
Instrument :
 BNA_F
 ClientSampled :

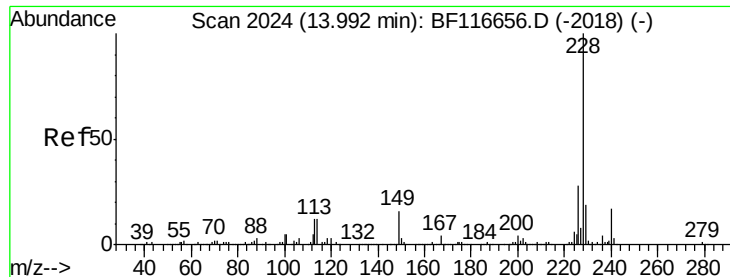
Tot Ion:244 Resp: 743041
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.1 9.1
 122 13.0 10.2 15.4



#80
 Butylbenzylphthalate
 Concen: 35.398 ng
 RT: 13.40 min Scan# 1924
 Delta R.T. -0.02 min
 Lab File: BF116896.D
 Acq: 9 Sep 2019 15:04

Tgt Ion:149 Resp: 350698
 Ion Ratio Lower Upper
 149 100
 91 75.7 61.0 91.4
 206 18.0 14.8 22.2





#81

Benzo(a)anthracene

Concen: 39.445 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF116896.D

Acq: 9 Sep 2019 15:04

Instrument :

BNA_F

ClientSampleId :

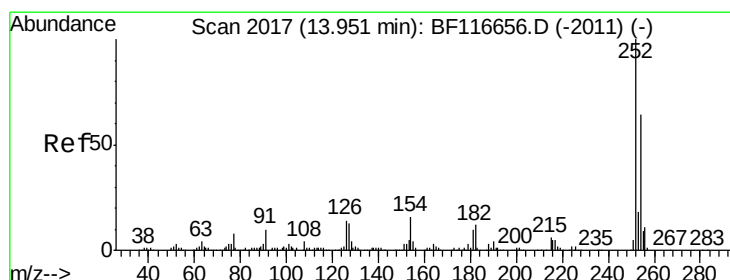
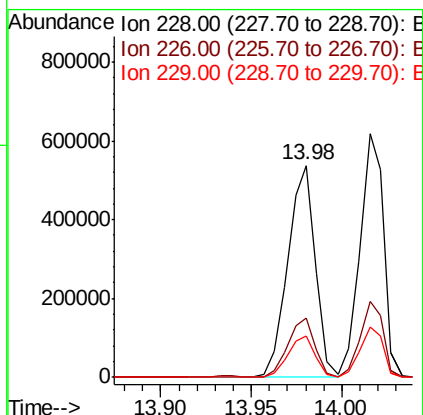
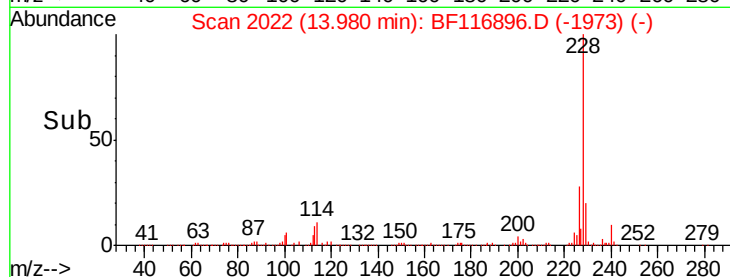
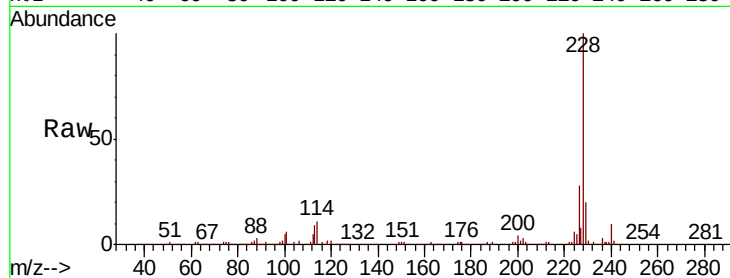
Tot Ion:228 Resp: 572149

Ion Ratio Lower Upper

228 100

226 27.8 22.0 33.0

229 19.5 16.4 24.6



#82

3,3'-Dichlorobenzidine

Concen: 34.001 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF116896.D

Acq: 9 Sep 2019 15:04

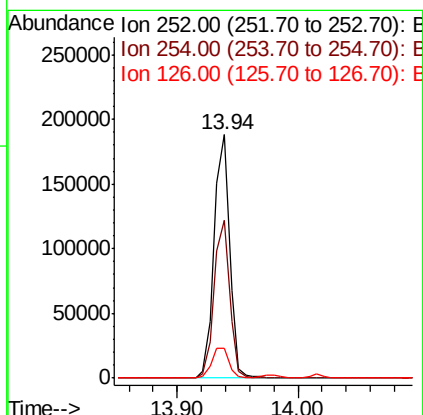
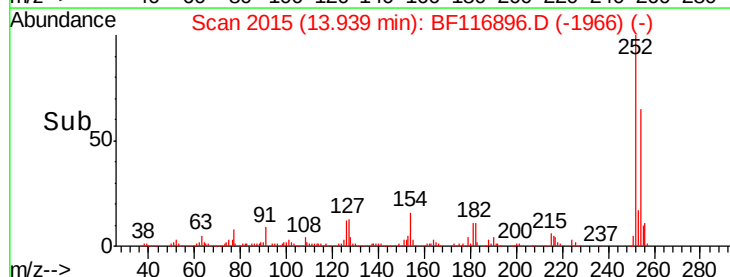
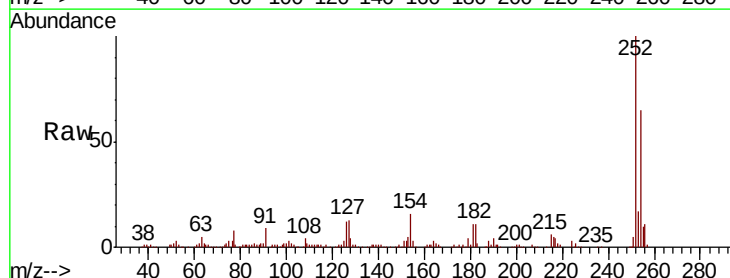
Tgt Ion:252 Resp: 166668

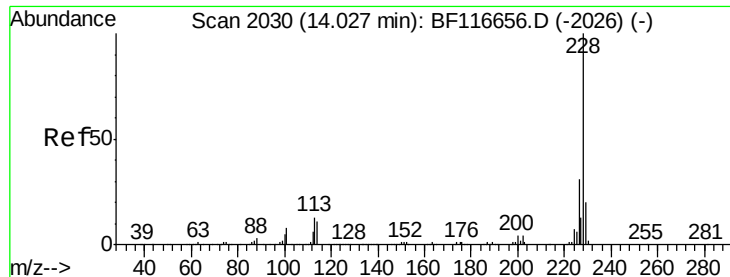
Ion Ratio Lower Upper

252 100

254 64.9 50.1 75.1

126 12.3 10.6 16.0



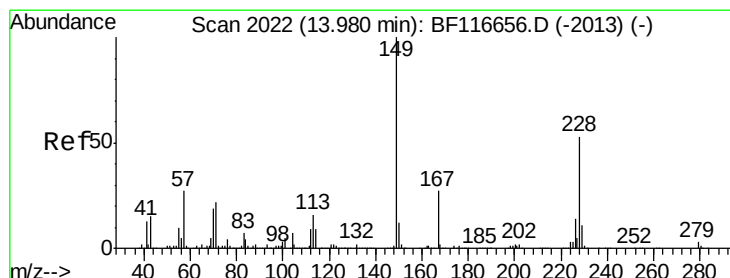
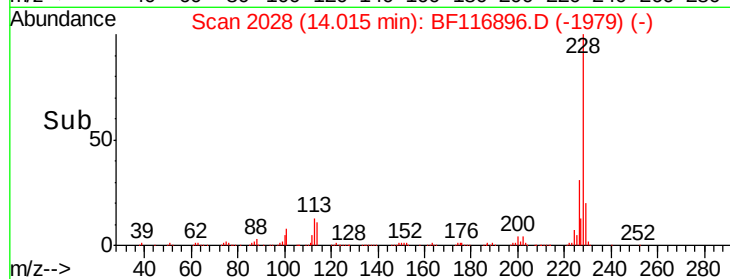
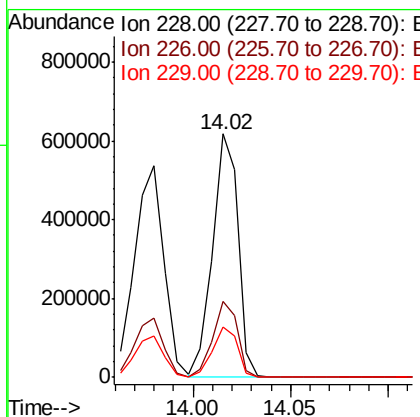
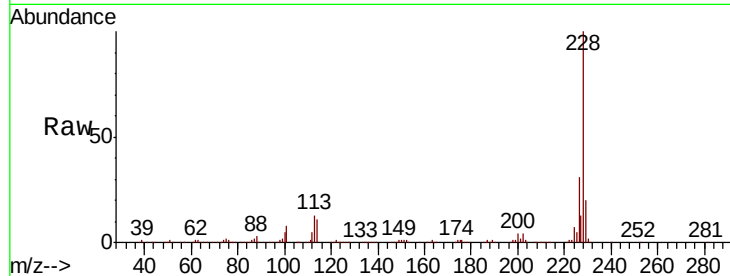


#83
 Chrysene
 Concen: 37.319 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: BF116896.D
 Acq: 9 Sep 2019 15:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:228 Resp: 557683

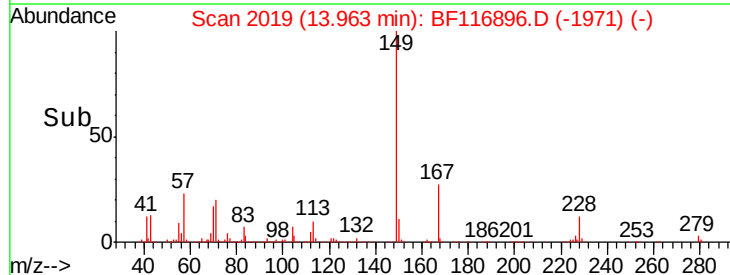
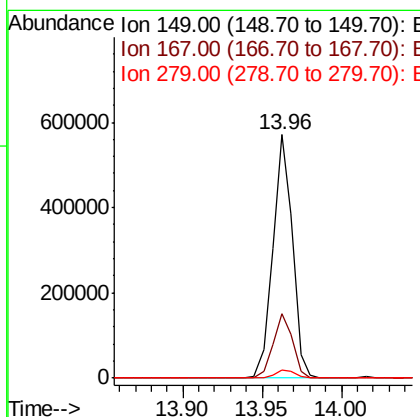
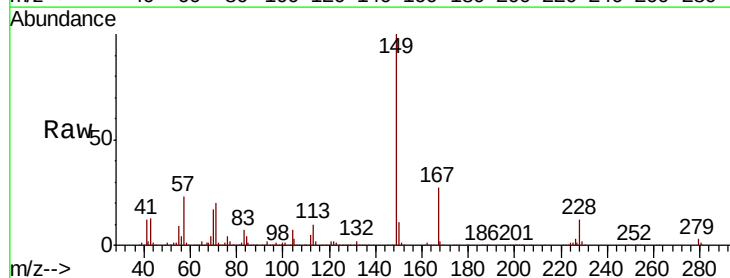
Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.0	36.0
229	20.5	15.4	23.0

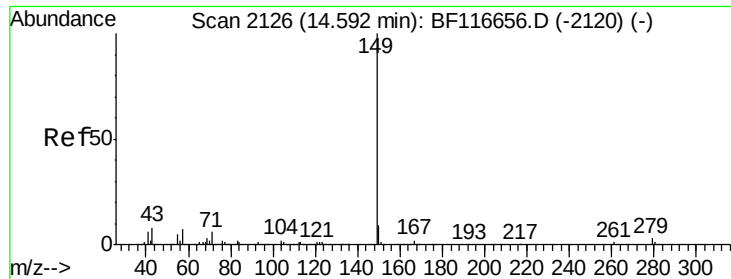


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.269 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.02 min
 Lab File: BF116896.D
 Acq: 9 Sep 2019 15:04

Tgt Ion:149 Resp: 492484

Ion	Ratio	Lower	Upper
149	100		
167	26.5	21.0	31.4
279	3.2	2.8	4.2





#85

Di-n-octyl phthalate

Concen: 40.447 ng

RT: 14.57 min Scan# 2123

Delta R.T. -0.02 min

Lab File: BF116896.D

Acq: 9 Sep 2019 15:04

Instrument :

BNA_F

ClientSampleId :

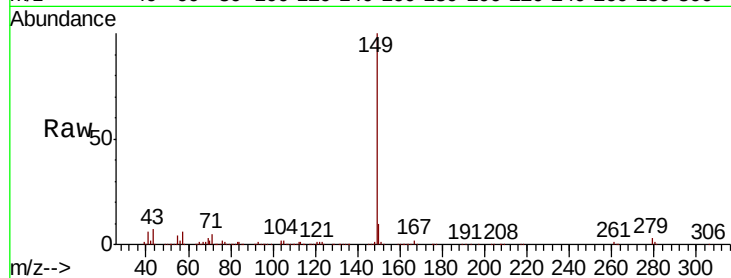
Tot Ion:149 Resp: 809502

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

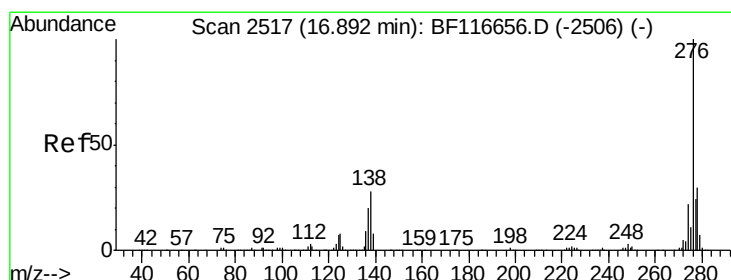
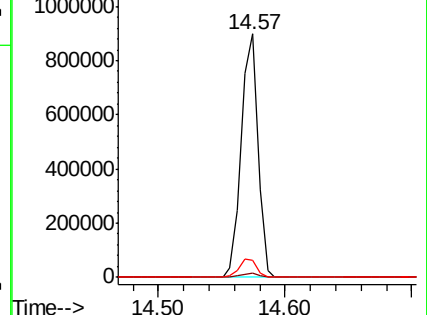
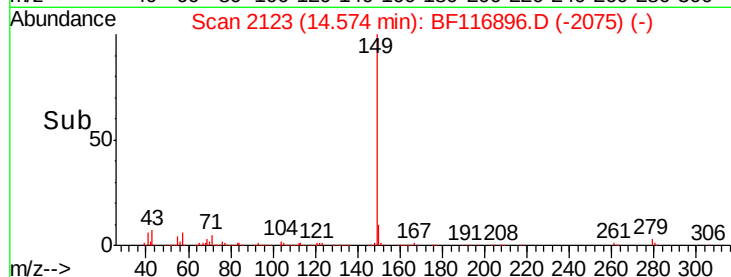
43 7.5 7.8 11.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 33.477 ng

RT: 16.89 min Scan# 2516

Delta R.T. -0.01 min

Lab File: BF116896.D

Acq: 9 Sep 2019 15:04

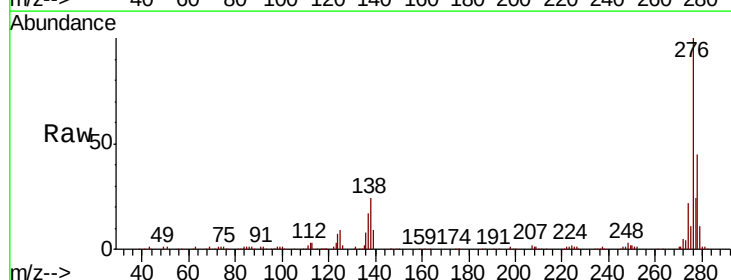
Tgt Ion:276 Resp: 401828

Ion Ratio Lower Upper

276 100

138 26.0 19.4 29.2

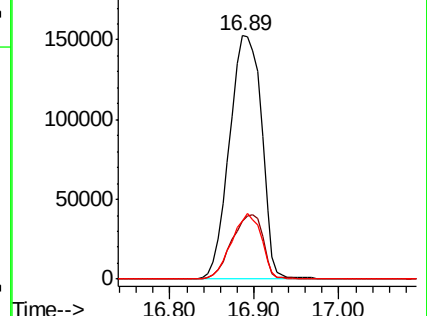
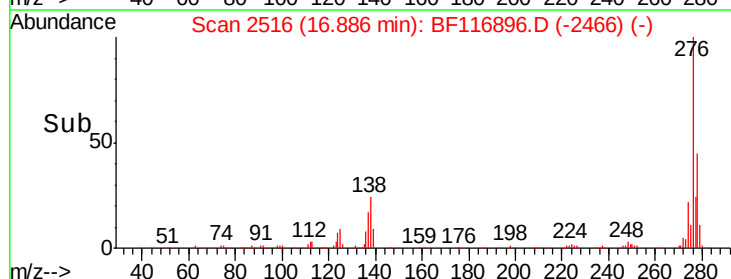
277 25.1 20.5 30.7

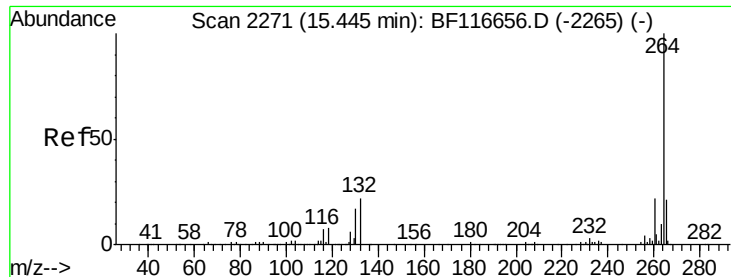


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

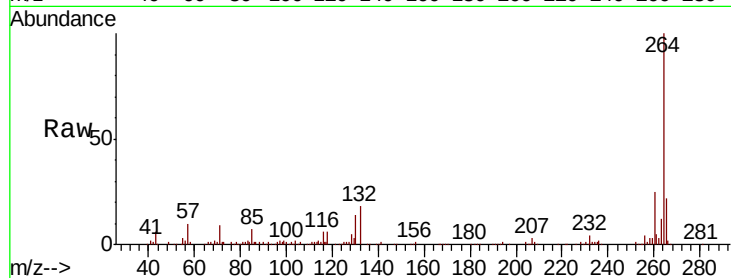




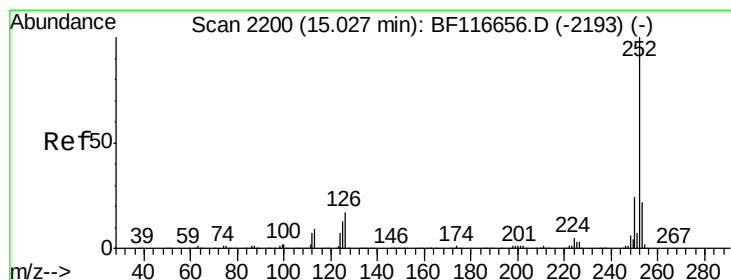
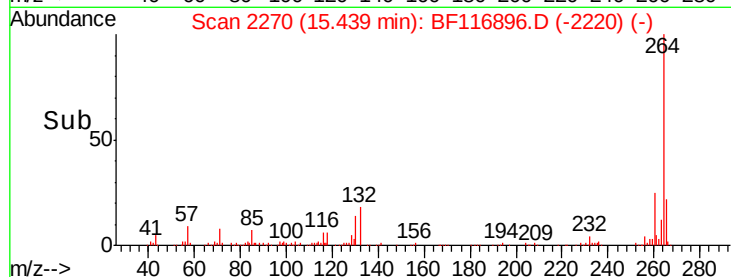
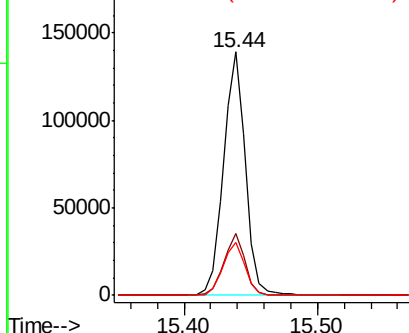
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF116896.D
Acq: 9 Sep 2019 15:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 160048
Ion Ratio Lower Upper
264 100
260 25.3 18.3 27.5
265 22.0 16.5 24.7

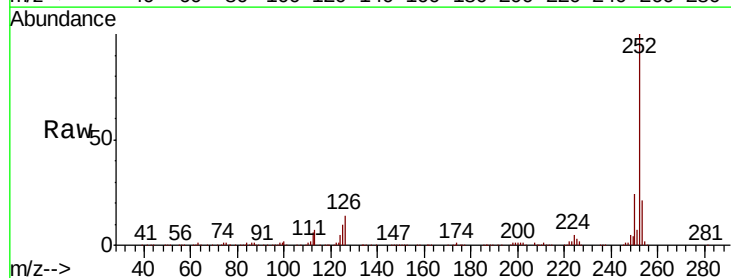


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

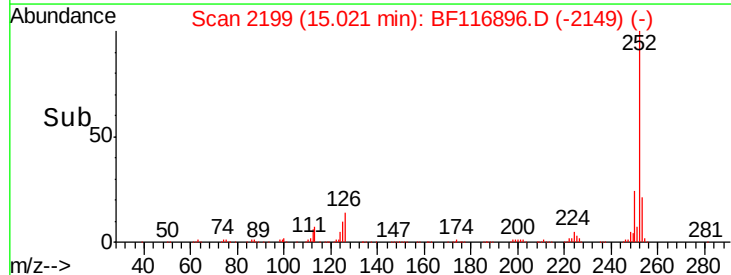
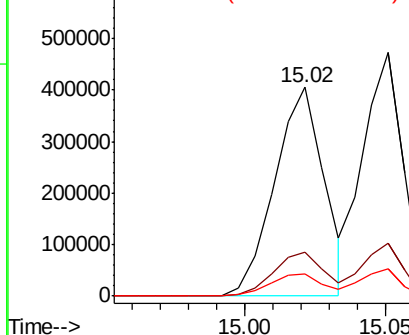


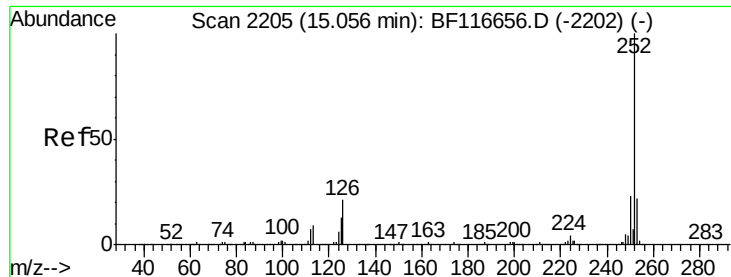
#88
Benzo(b)fluoranthene
Concen: 50.960 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BF116896.D
Acq: 9 Sep 2019 15:04

Tgt Ion:252 Resp: 493107
Ion Ratio Lower Upper
252 100
253 21.2 17.7 26.5
125 10.5 8.2 12.2



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

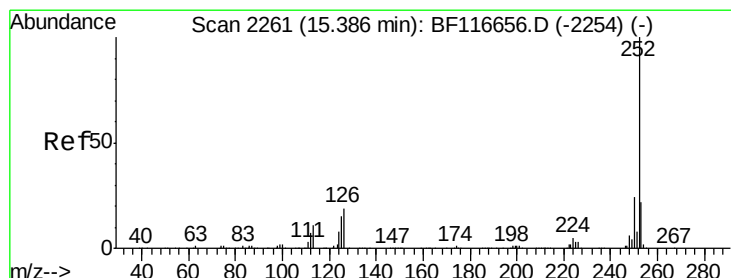
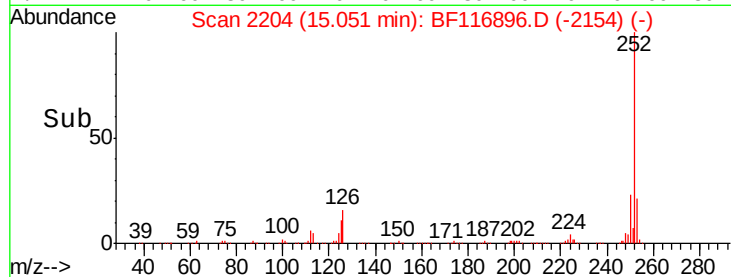
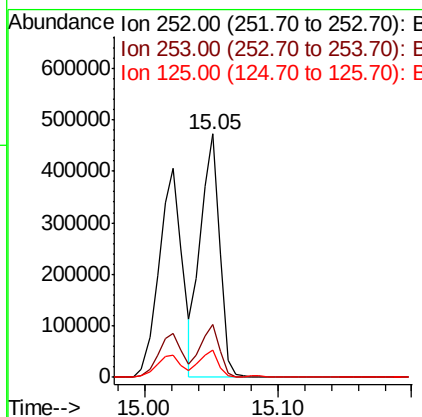
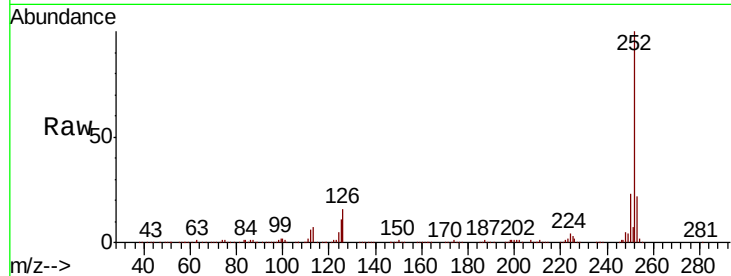




#89
Benzo(k)fluoranthene
Concen: 53.125 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BF116896.D
Acq: 9 Sep 2019 15:04

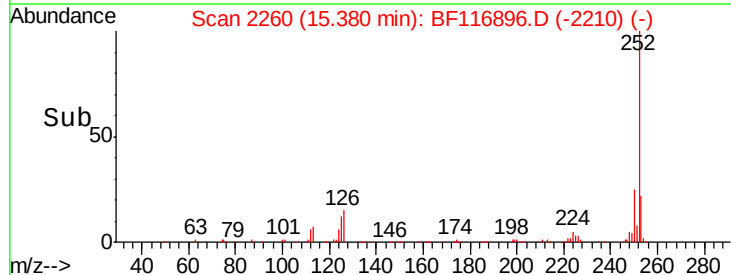
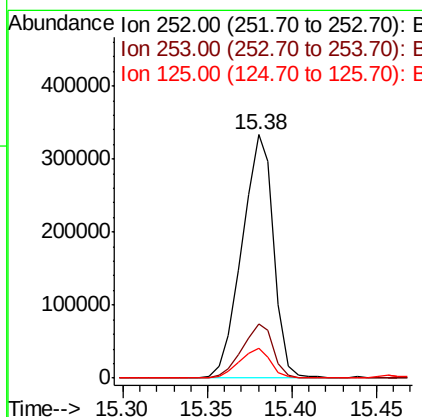
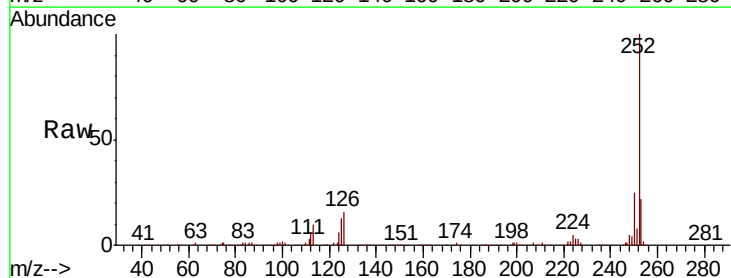
Instrument :
BNA_F
ClientSampleId :

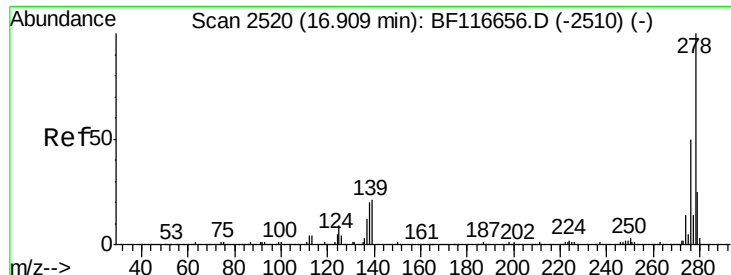
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.7	26.5
125	11.1	8.6	13.0



#90
Benzo(a)pyrene
Concen: 51.783 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.01 min
Lab File: BF116896.D
Acq: 9 Sep 2019 15:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	12.5	9.8	14.8

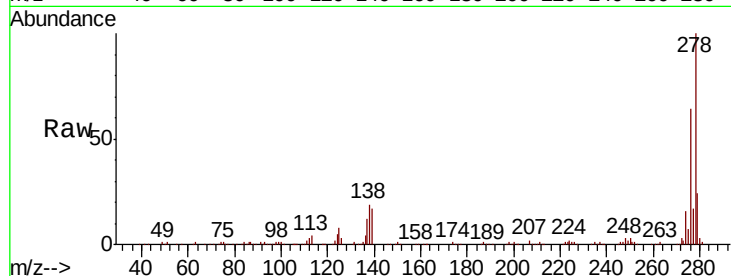




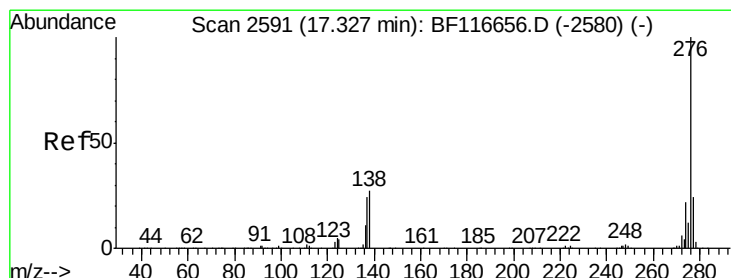
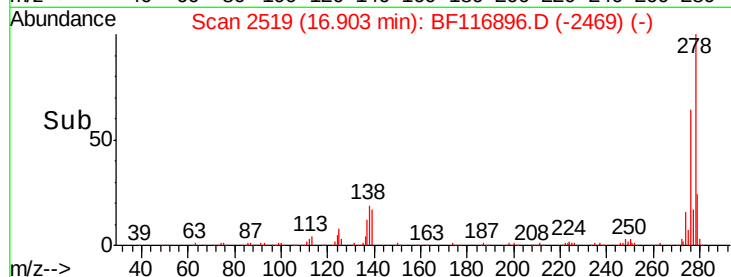
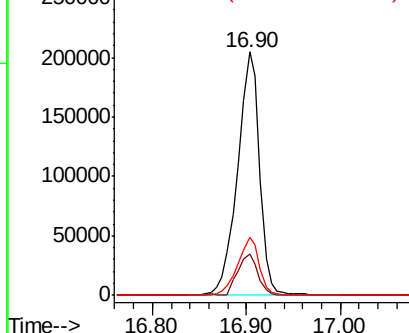
#91
 Dibenzo(a,h)anthracene
 Concen: 45.351 ng
 RT: 16.90 min Scan# 2519
 Delta R.T. -0.01 min
 Lab File: BF116896.D
 Acq: 9 Sep 2019 15:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.0	12.4	18.6
279	23.9	18.2	27.4

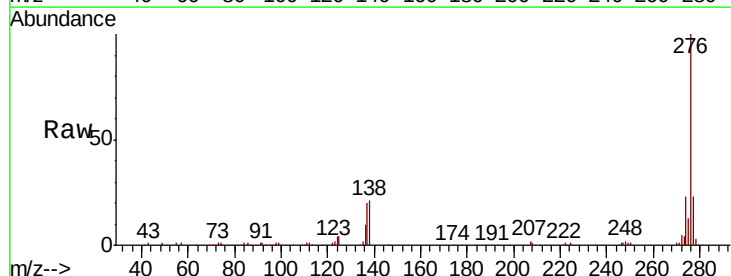


Abundance Ion 278.00 (277.70 to 278.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 279.00 (278.70 to 279.70): E



#92
 Benzo(g,h,i)perylene
 Concen: 43.339 ng
 RT: 17.33 min Scan# 2591
 Delta R.T. 0.00 min
 Lab File: BF116896.D
 Acq: 9 Sep 2019 15:04

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.5	27.7
138	20.8	16.2	24.2



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

