

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091819\
 Data File : BP000294.D
 Acq On : 18 Sep 2019 13:51
 Operator : HP/JU
 Sample : PB123133BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB123133BS

Quant Time: Sep 19 13:42:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 19 13:31:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	250110	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	952436	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	533208	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	1006450	20.00	ng	0.00
76) Chrysene-d12	14.00	240	819343	20.00	ng	0.00
87) Perylene-d12	15.47	264	891654	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	1477315	101.97	ng	0.02
7) Phenol-d6	6.43	99	1785282	100.53	ng	0.00
23) Nitrobenzene-d5	7.35	82	984236	66.67	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	641074	121.22	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2208955	74.56	ng	0.00
79) Terphenyl-d14	12.93	244	2706042	69.29	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.57	88	224594	34.353	ng	99
3) Pyridine	3.32	79	539870	30.674	ng	99
4) n-Nitrosodimethylamine	3.25	42	173784	35.017	ng	98
6) Aniline	6.45	93	718772	29.355	ng	97
8) 2-Chlorophenol	6.58	128	642535	41.186	ng	99
9) Benzaldehyde	6.34	77	347881	35.600	ng	98
10) Phenol	6.44	94	766839	38.006	ng	92
11) bis(2-Chloroethyl)ether	6.53	93	578457	37.438	ng	98
12) 1,3-Dichlorobenzene	6.73	146	730491	39.020	ng	99
13) 1,4-Dichlorobenzene	6.81	146	746241	40.063	ng	97
14) 1,2-Dichlorobenzene	6.96	146	691109	40.504	ng	99
15) Benzyl Alcohol	6.93	79	511267	39.561	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	516418	35.253	ng	98
17) 2-Methylphenol	7.05	107	525557	39.332	ng	99
18) Hexachloroethane	7.30	117	267712	38.838	ng	99
19) n-Nitroso-di-n-propylamine	7.20	70	345724	36.820	ng	98
20) 3+4-Methylphenols	7.20	107	633324	39.196	ng	90
22) Acetophenone	7.20	105	857844	41.562	ng	97
24) Nitrobenzene	7.37	77	603013	39.328	ng	98
25) Isophorone	7.61	82	1111668	38.031	ng	99
26) 2-Nitrophenol	7.69	139	346683	42.650	ng	97
27) 2,4-Dimethylphenol	7.73	122	567336	43.817	ng	99
28) bis(2-Chloroethoxy)methane	7.82	93	733521	37.730	ng	100
29) 2,4-Dichlorophenol	7.93	162	577582	41.621	ng	98
30) 1,2,4-Trichlorobenzene	8.02	180	646577	40.650	ng	98
31) Naphthalene	8.10	128	1844502	41.815	ng	99
32) Benzoic acid	7.83	122	335007	38.320	ng	97
33) 4-Chloroaniline	8.14	127	479732	24.031	ng	99
34) Hexachlorobutadiene	8.22	225	389766	41.356	ng	99
35) Caprolactam	8.49	113	128265	27.171	ng	100
36) 4-Chloro-3-methylphenol	8.63	107	578373	41.056	ng	100
37) 2-Methylnaphthalene	8.79	142	1270481	42.133	ng	99
38) 1-Methylnaphthalene	8.89	142	1189349	42.106	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	654725	42.946	ng	99

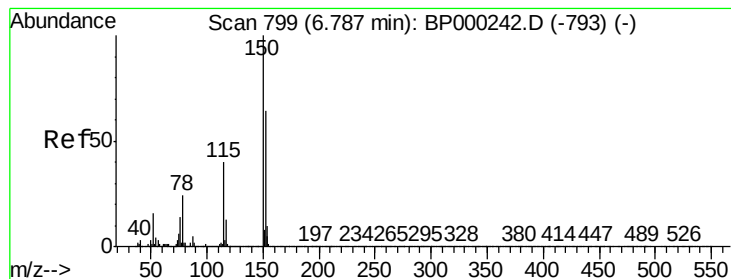
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	730774	83.475	ng	99
43) 2,4,6-Trichlorophenol	9.07	196	435413	41.275	ng	99
44) 2,4,5-Trichlorophenol	9.11	196	467742	43.302	ng	99
46) 1,1'-Biphenyl	9.25	154	1568979	42.535	ng	99
47) 2-Chloronaphthalene	9.28	162	1227918	39.684	ng	97
48) 2-Nitroaniline	9.37	65	286729	36.490	ng	97
49) Acenaphthylene	9.70	152	1944262	41.801	ng	99
50) Dimethylphthalate	9.55	163	1454889	40.048	ng	100
51) 2,6-Dinitrotoluene	9.62	165	335427	41.993	ng #	87
52) Acenaphthene	9.87	154	1156570	39.404	ng	99
53) 3-Nitroaniline	9.78	138	251773	27.155	ng	99
54) 2,4-Dinitrophenol	9.89	184	301355	85.394	ng	99
55) Dibenzofuran	10.05	168	1748861	42.148	ng	97
56) 4-Nitrophenol	9.95	139	540928	78.441	ng	93
57) 2,4-Dinitrotoluene	10.02	165	438296	41.973	ng	93
58) Fluorene	10.39	166	1330962	41.529	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.16	232	395883	44.539	ng	98
60) Diethylphthalate	10.26	149	1414348	40.472	ng	100
61) 4-Chlorophenyl-phenylether	10.38	204	702877	42.725	ng	93
62) 4-Nitroaniline	10.40	138	354009	38.819	ng	97
63) Azobenzene	10.54	77	1161302	39.224	ng	100
65) 4,6-Dinitro-2-methylphenol	10.43	198	215460	45.529	ng	96
66) n-Nitrosodiphenylamine	10.50	169	1220978	40.299	ng	99
67) 4-Bromophenyl-phenylether	10.87	248	453871	39.880	ng	99
68) Hexachlorobenzene	10.95	284	499578	40.152	ng	100
69) Atrazine	11.03	200	396116	51.674	ng	98
70) Pentachlorophenol	11.14	266	562535	83.013	ng	99
71) Phenanthrene	11.36	178	2059573	40.836	ng	100
72) Anthracene	11.40	178	2099653	40.445	ng	100
73) Carbazole	11.56	167	1908760	40.827	ng	99
74) Di-n-butylphthalate	11.90	149	2300921	38.882	ng	99
75) Fluoranthene	12.55	202	2325464	42.939	ng	98
77) Benzidine	12.67	184	1000785	34.201	ng	98
78) Pyrene	12.79	202	2364216	38.568	ng	100
80) Butylbenzylphthalate	13.41	149	1012288	35.939	ng	98
81) Benzo(a)anthracene	13.99	228	2027272	39.170	ng	100
82) 3,3'-Dichlorobenzidine	13.95	252	691612	33.250	ng	99
83) Chrysene	14.02	228	2011806	39.589	ng	99
84) Bis(2-ethylhexyl)phthalate	13.98	149	1319147	39.013	ng	100
85) Di-n-octyl phthalate	14.60	149	2407125	38.411	ng	98
86) Indeno(1,2,3-cd)pyrene	16.97	276	2431967	39.262	ng	96
88) Benzo(b)fluoranthene	15.05	252	2278023	42.826	ng	98
89) Benzo(k)fluoranthene	15.05	252	2278023	49.096	ng	98
90) Benzo(a)pyrene	15.42	252	2112430	43.644	ng	98
91) Dibenzo(a,h)anthracene	16.99	278	1979522	43.866	ng	97
92) Benzo(g,h,i)perylene	17.43	276	2026473	43.689	ng	95

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

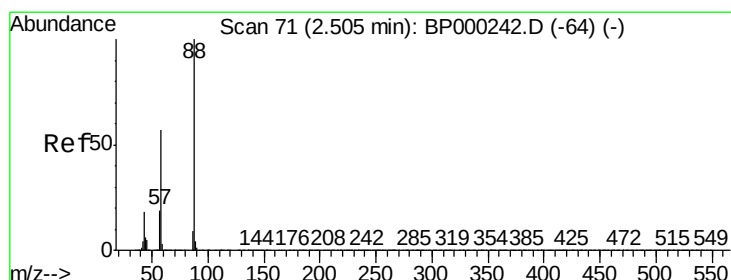
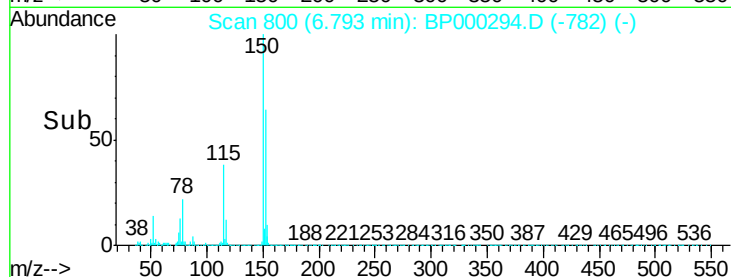
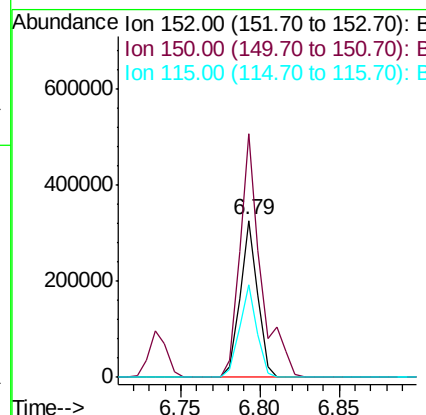
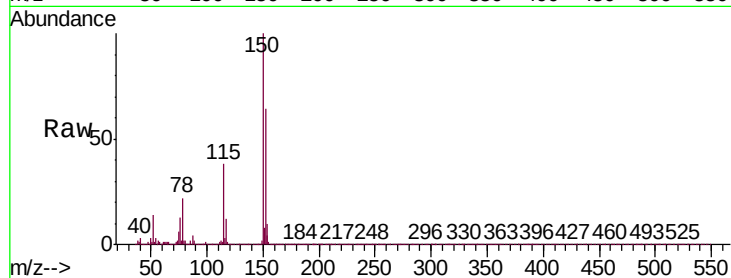


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.01 min
Lab File: BP000294.D
Acq: 18 Sep 2019 13:51

Instrument :
BNA_P
ClientSampleId :
PB123133BS

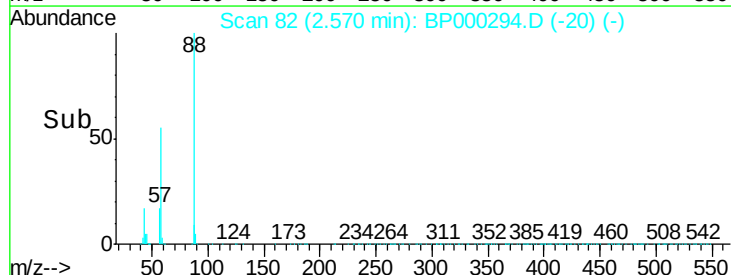
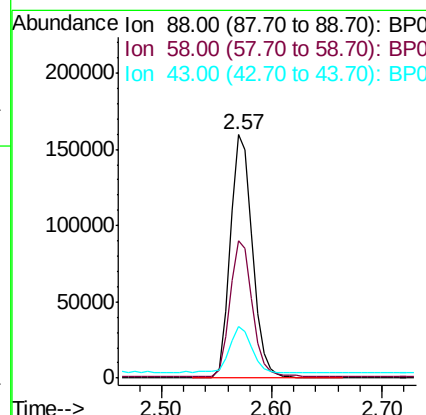
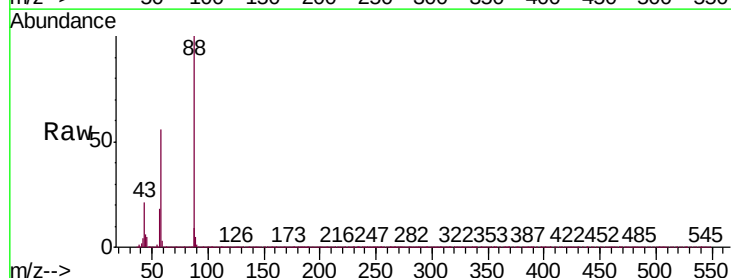
Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.2	125.2	187.8
115	58.8	49.7	74.5

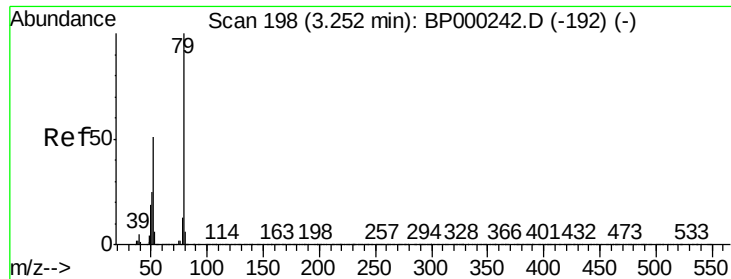


#2

1,4-Dioxane
Concen: 34.353 ng
RT: 2.57 min Scan# 82
Delta R.T. 0.06 min
Lab File: BP000294.D
Acq: 18 Sep 2019 13:51

Tgt Ion	Ratio	Lower	Upper
88	100		
58	55.6	45.4	68.2
43	19.0	15.0	22.6

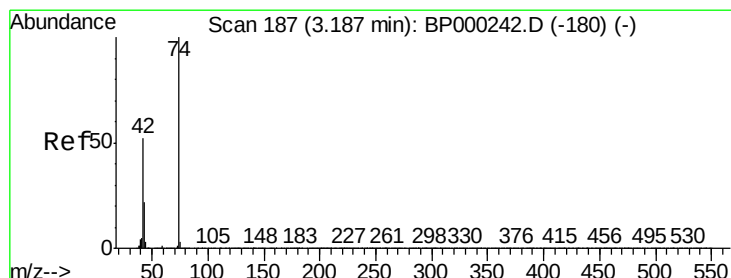
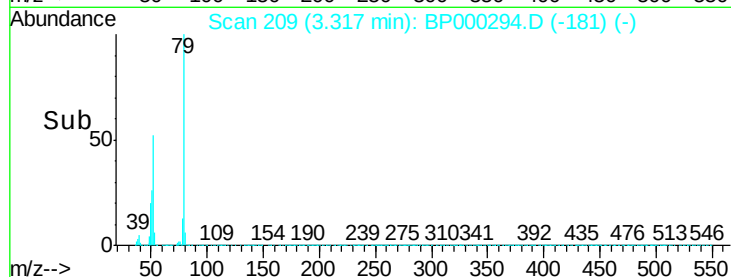
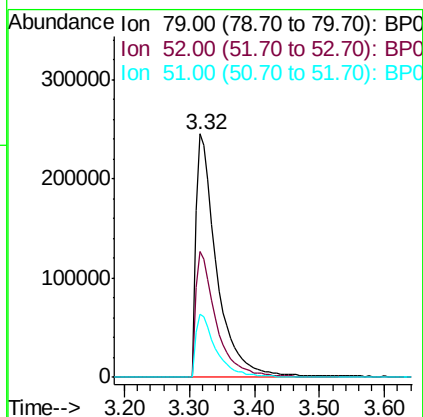
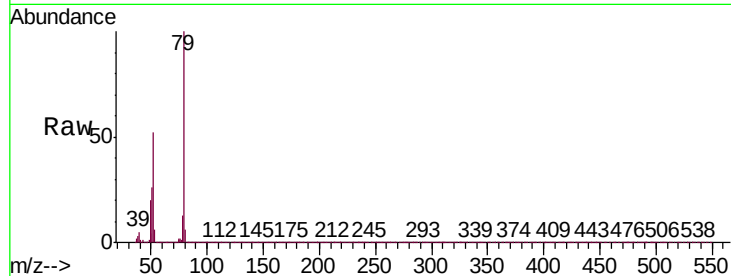




#3
 Pyridine
 Concen: 30.674 ng
 RT: 3.32 min Scan# 209
 Delta R.T. 0.06 min
 Lab File: BP000294.D
 Acq: 18 Sep 2019 13:51

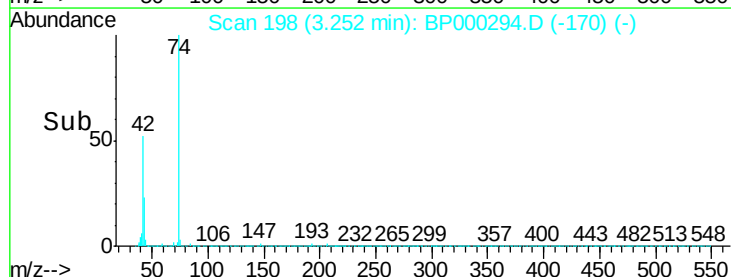
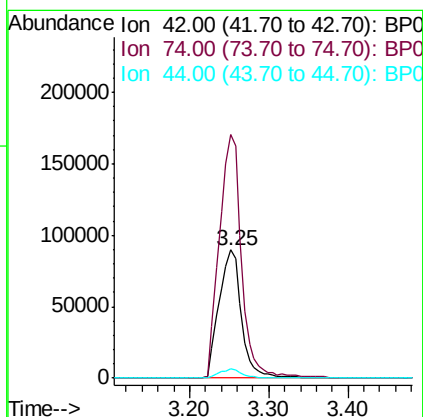
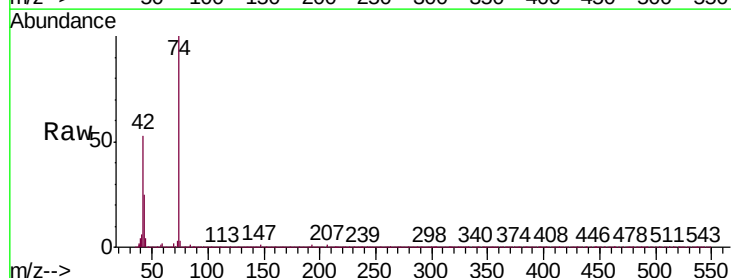
Instrument :
 BNA_P
 ClientSampleId :
 PB123133BS

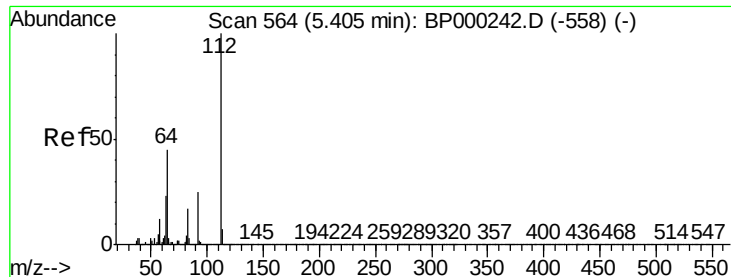
Tgt Ion: 79 Resp: 539870
 Ion Ratio Lower Upper
 79 100
 52 51.7 40.9 61.3
 51 25.9 20.2 30.2



#4
 n-Nitrosodimethylamine
 Concen: 35.017 ng
 RT: 3.25 min Scan# 198
 Delta R.T. 0.06 min
 Lab File: BP000294.D
 Acq: 18 Sep 2019 13:51

Tgt Ion: 42 Resp: 173784
 Ion Ratio Lower Upper
 42 100
 74 189.7 154.5 231.7
 44 7.0 5.9 8.9





#5

2-Fluorophenol

Concen: 101.970 ng

RT: 5.42 min Scan# 567

Delta R.T. 0.02 min

Lab File: BP000294.D

Acq: 18 Sep 2019 13:51

Instrument :

BNA_P

ClientSampleId :

PB123133BS

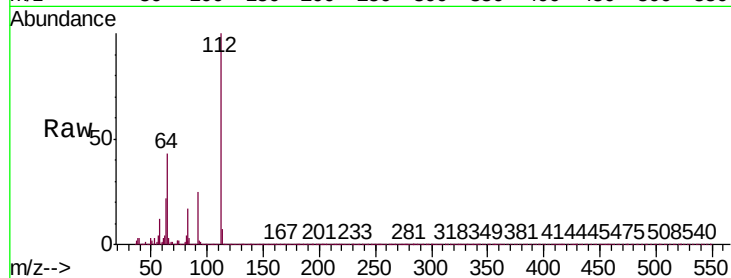
Tgt Ion: 112 Resp: 1477315

Ion Ratio Lower Upper

112 100

64 43.1 36.2 54.4

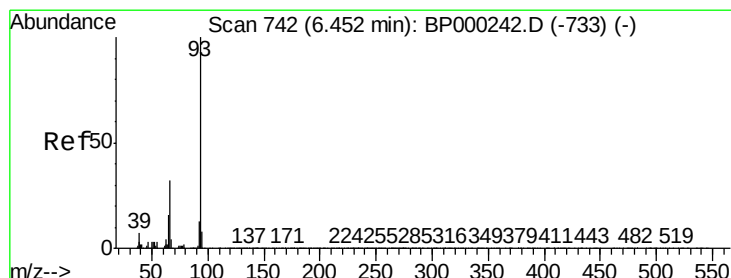
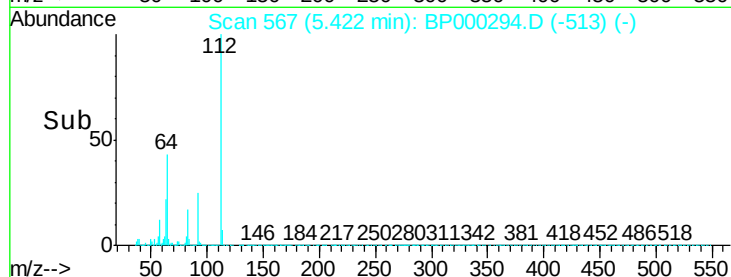
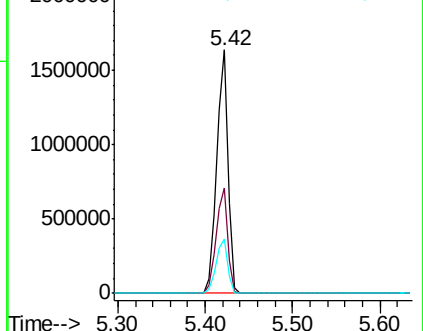
63 22.5 18.3 27.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 29.355 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BP000294.D

Acq: 18 Sep 2019 13:51

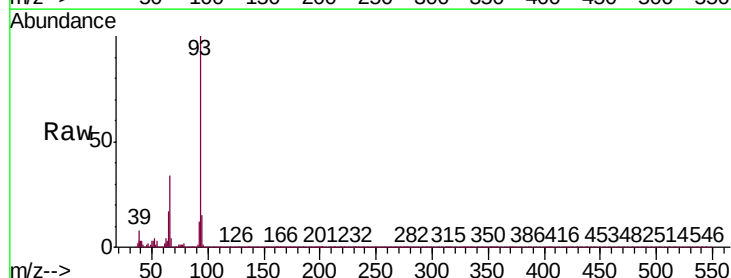
Tgt Ion: 93 Resp: 718772

Ion Ratio Lower Upper

93 100

66 34.4 26.2 39.2

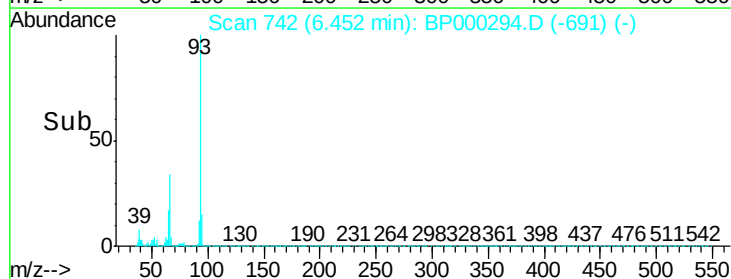
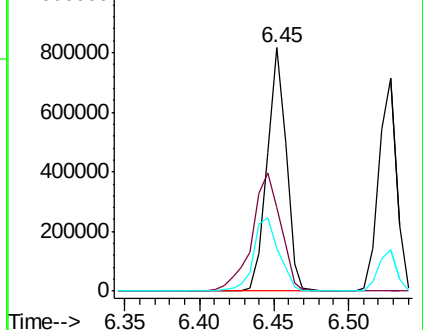
65 17.3 12.7 19.1

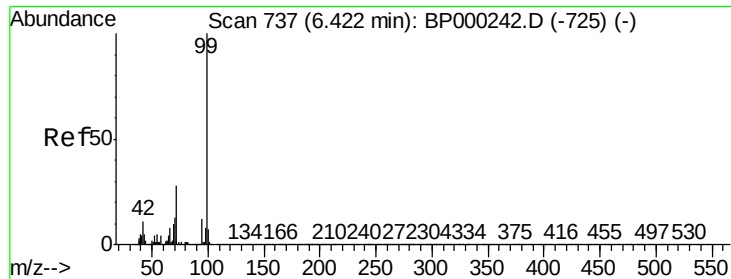


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 100.528 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.01 min

Lab File: BP000294.D

Acq: 18 Sep 2019 13:51

Instrument :

BNA_P

ClientSampleId :

PB123133BS

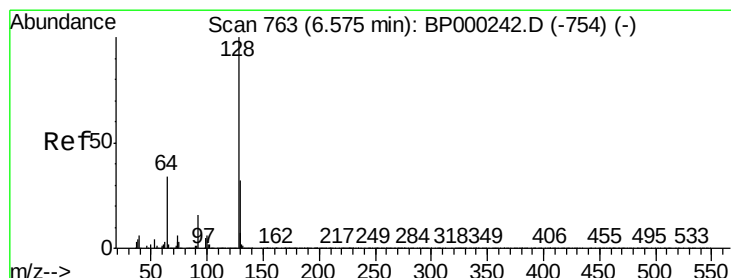
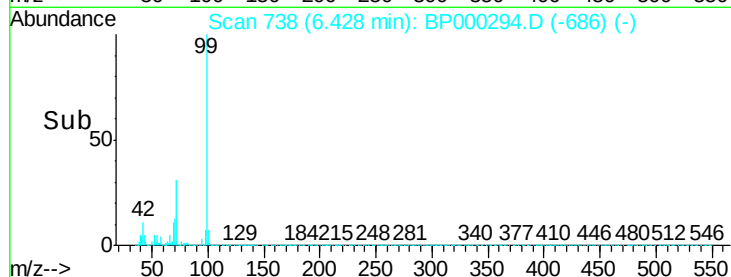
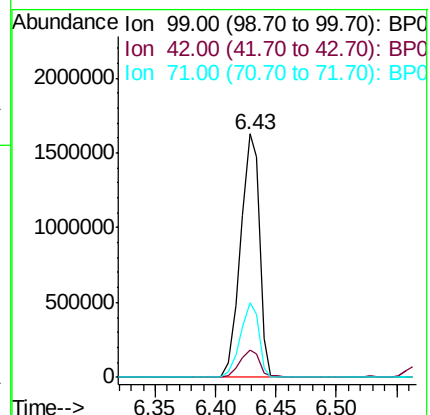
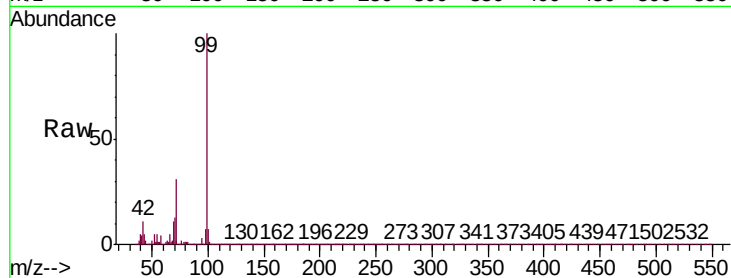
Tgt Ion: 99 Resp: 1785282

Ion Ratio Lower Upper

99 100

42 11.3 8.5 12.7

71 30.5 22.6 34.0



#8

2-Chlorophenol

Concen: 41.186 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.01 min

Lab File: BP000294.D

Acq: 18 Sep 2019 13:51

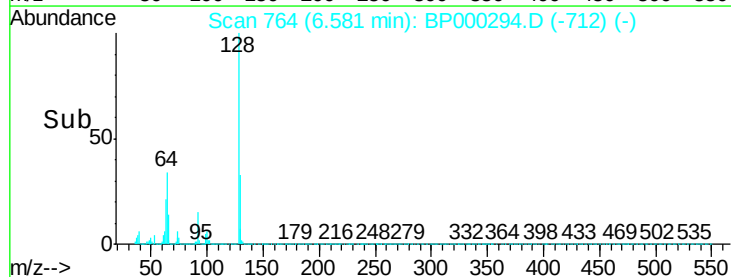
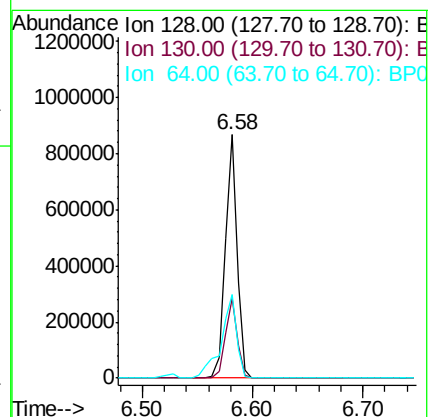
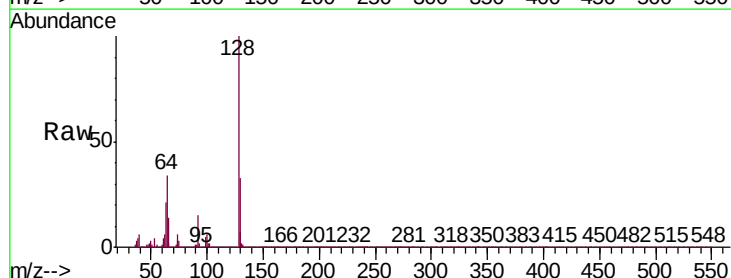
Tgt Ion: 128 Resp: 642535

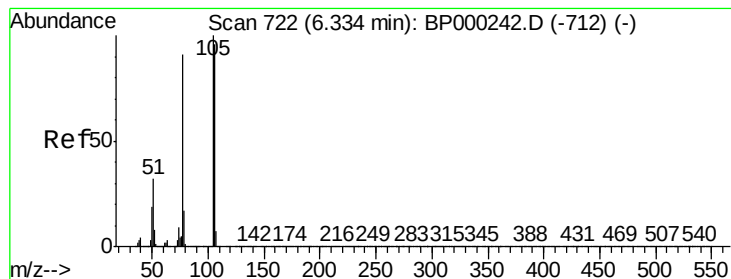
Ion Ratio Lower Upper

128 100

130 32.6 12.5 52.5

64 34.4 16.0 56.0





#9

Benzaldehyde

Concen: 35.600 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.01 min

Lab File: BP000294.D

Acq: 18 Sep 2019 13:51

Instrument :

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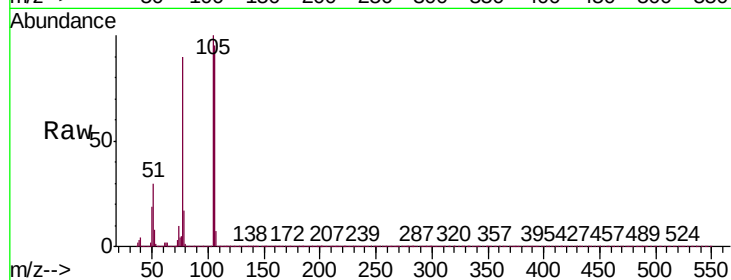
Tgt Ion: 77 Resp: 347881

Ion Ratio Lower Upper

77 100

105 111.5 89.6 129.6

106 106.4 84.6 124.6



Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

600000

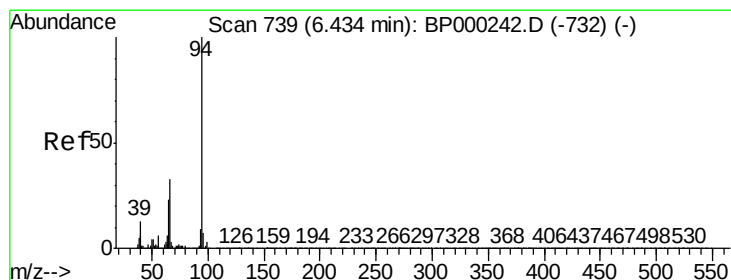
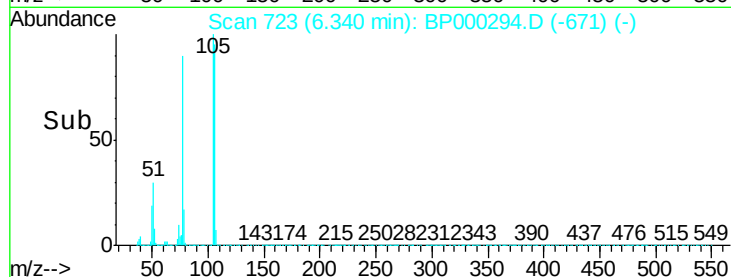
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200000

0

6.30 6.35 6.40

Time-->



#10

Phenol

Concen: 38.006 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BP000294.D

Acq: 18 Sep 2019 13:51

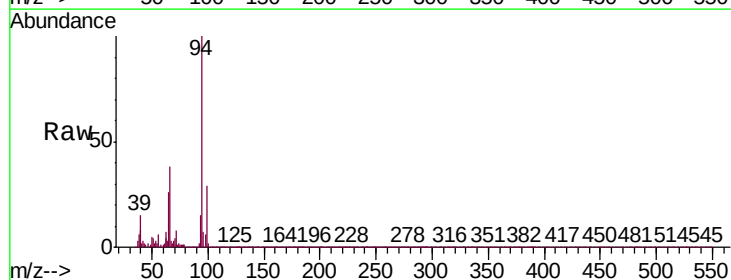
Tgt Ion: 94 Resp: 766839

Ion Ratio Lower Upper

94 100

65 25.9 3.3 43.3

66 37.9 12.7 52.7



Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

1200000

1000000

800000

600000

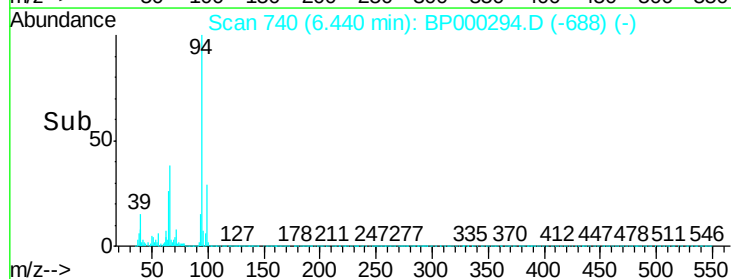
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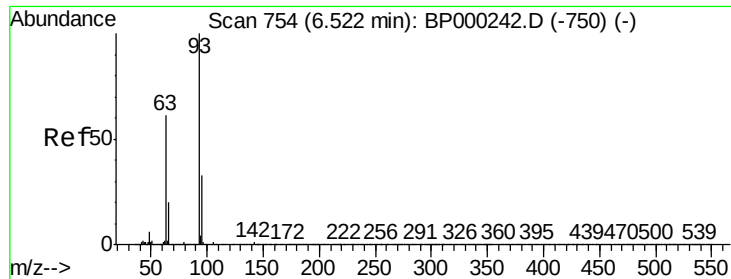
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6.40 6.45 6.50

Time-->

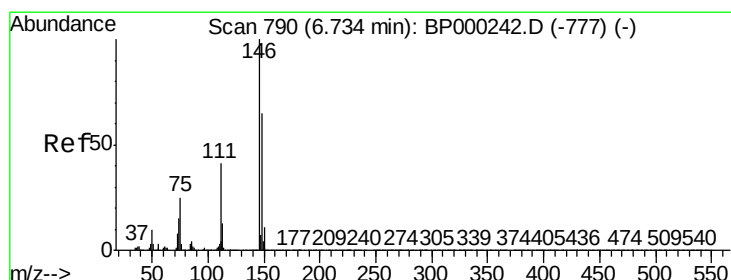
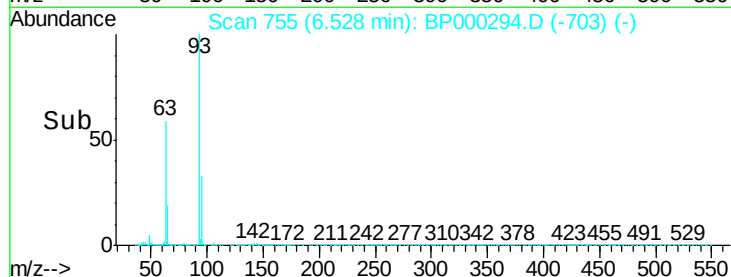
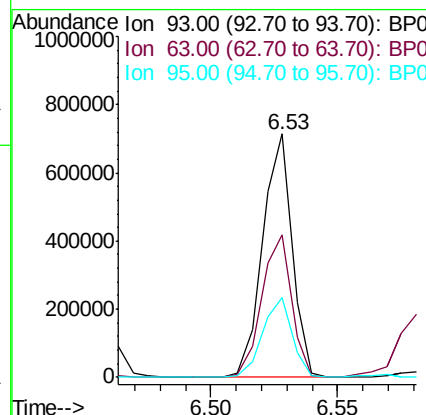
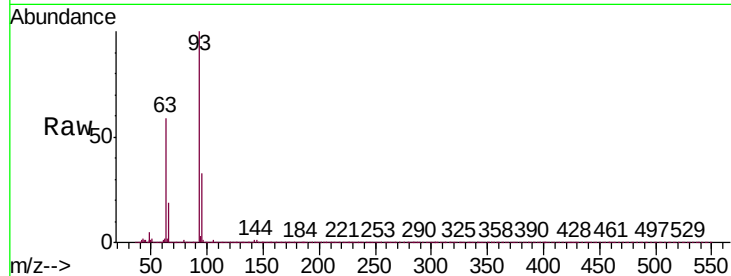




#11
bis(2-Chloroethyl)ether
Concen: 37.438 ng
RT: 6.53 min Scan# 755
Delta R.T. 0.01 min
Lab File: BP000294.D
Acq: 18 Sep 2019 13:51

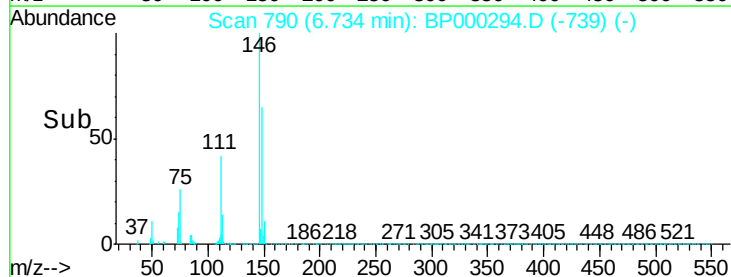
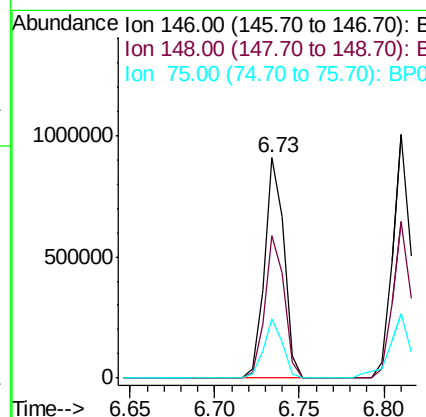
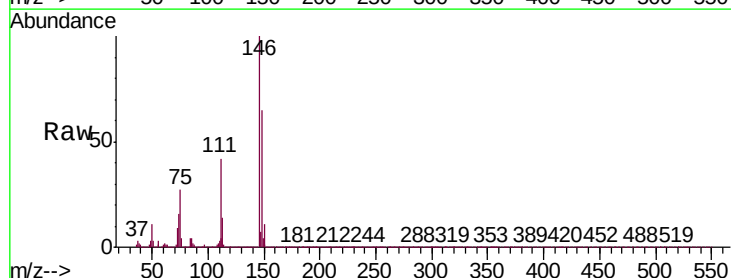
Instrument :
BNA_P
ClientSampleId :
PB123133BS

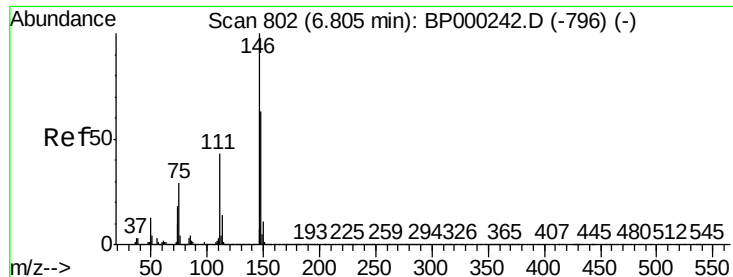
Tgt Ion:	93	Resp:	578457
Ion	Ratio	Lower	Upper
93	100		
63	58.8	41.0	81.0
95	33.0	12.7	52.7



#12
1,3-Dichlorobenzene
Concen: 39.020 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BP000294.D
Acq: 18 Sep 2019 13:51

Tgt Ion:	146	Resp:	730491
Ion	Ratio	Lower	Upper
146	100		
148	64.7	52.1	78.1
75	26.7	20.2	30.4

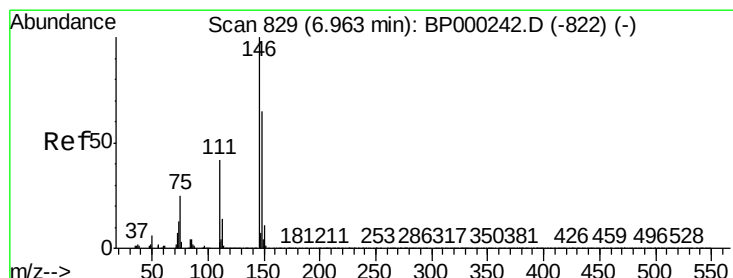
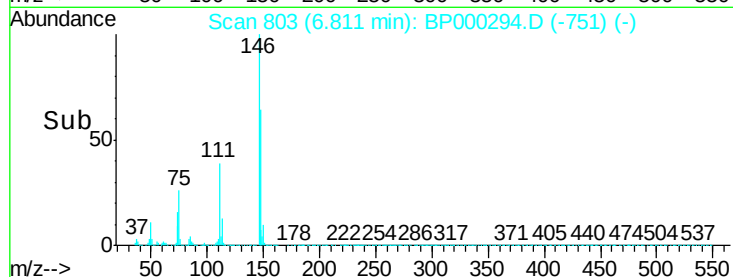
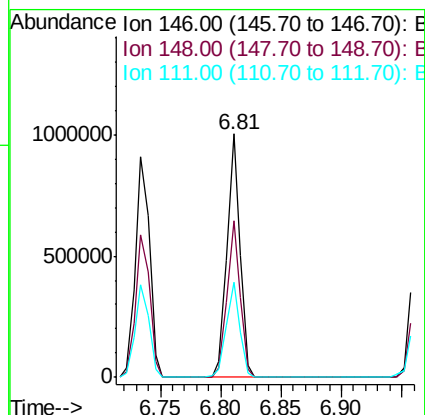
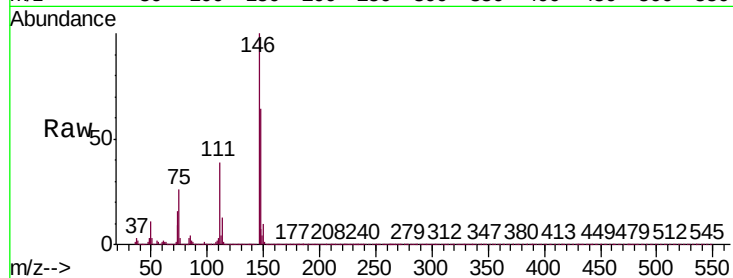




#13
 1,4-Dichlorobenzene
 Concen: 40.063 ng
 RT: 6.81 min Scan# 803
 Delta R.T. 0.01 min
 Lab File: BP000294.D
 Acq: 18 Sep 2019 13:51

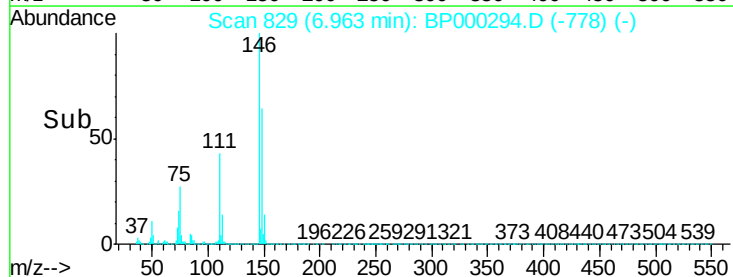
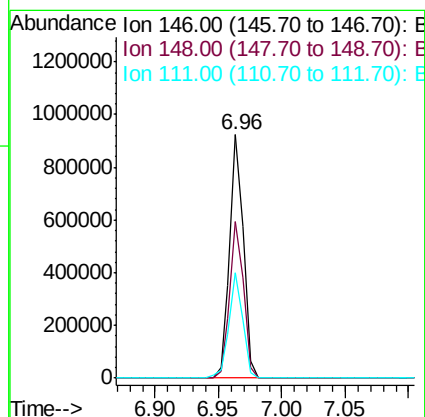
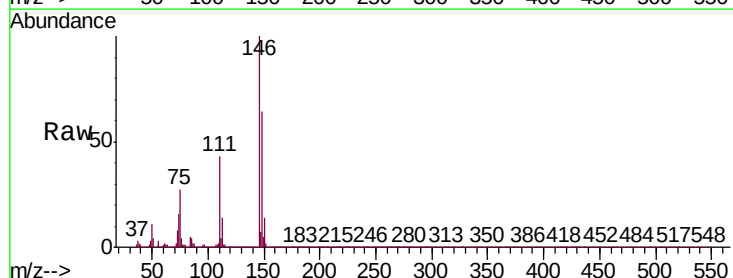
Instrument :
 BNA_P
 ClientSampleId :
 PB123133BS

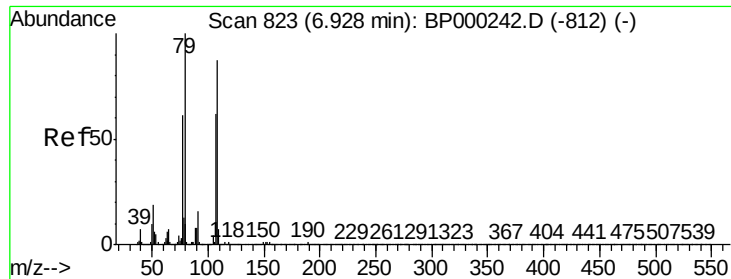
Tgt Ion:146 Resp: 746241
 Ion Ratio Lower Upper
 146 100
 148 64.3 50.7 76.1
 111 39.3 34.1 51.1



#14
 1,2-Dichlorobenzene
 Concen: 40.504 ng
 RT: 6.96 min Scan# 829
 Delta R.T. -0.00 min
 Lab File: BP000294.D
 Acq: 18 Sep 2019 13:51

Tgt Ion:146 Resp: 691109
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.7 77.5
 111 43.3 33.4 50.2

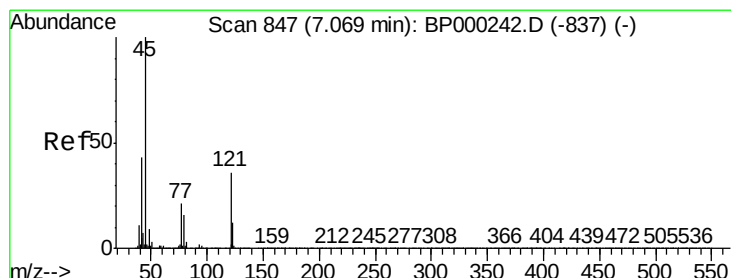
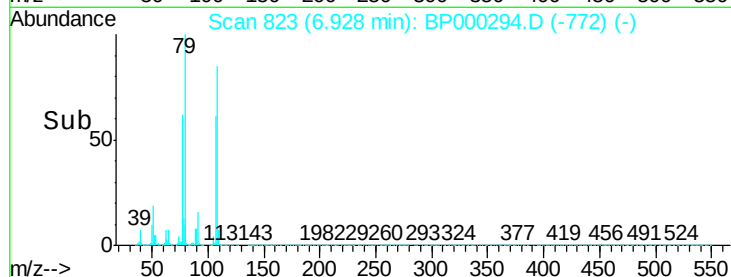
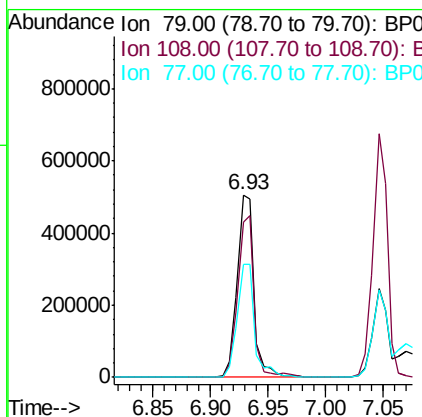
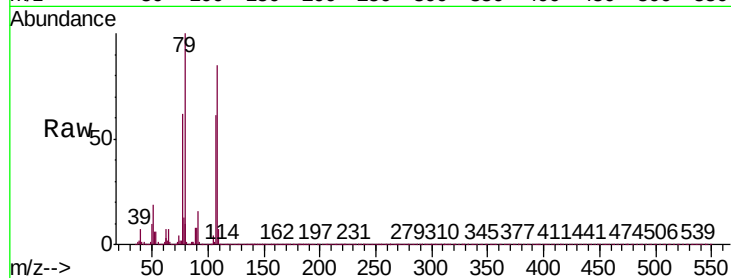




#15
Benzyl Alcohol
Concen: 39.561 ng
RT: 6.93 min Scan# 823
Delta R.T. -0.00 min
Lab File: BP000294.D
Acq: 18 Sep 2019 13:51

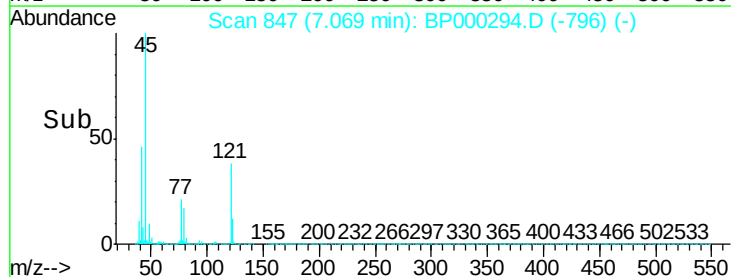
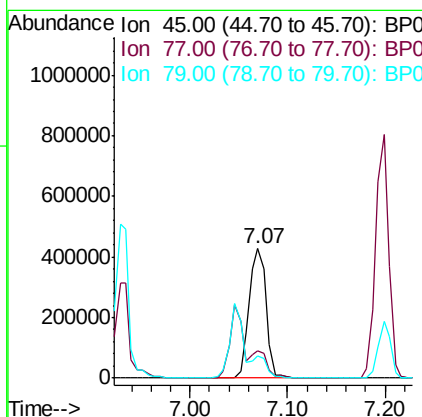
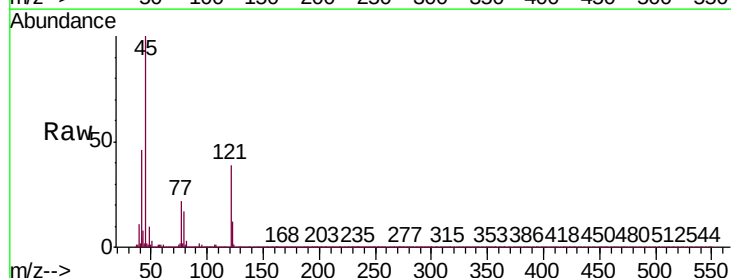
Instrument :
BNA_P
ClientSampleId :
PB123133BS

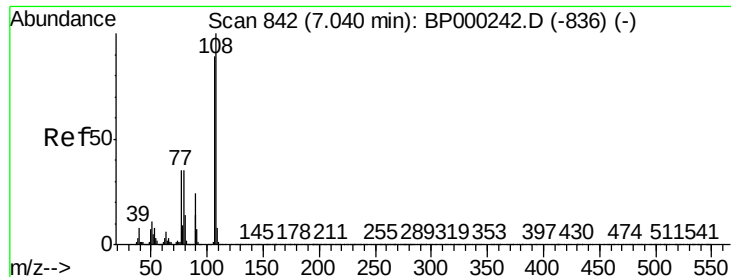
Tgt Ion: 79 Resp: 511267
Ion Ratio Lower Upper
79 100
108 84.8 69.2 103.8
77 62.1 48.7 73.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.253 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.00 min
Lab File: BP000294.D
Acq: 18 Sep 2019 13:51

Tgt Ion: 45 Resp: 516418
Ion Ratio Lower Upper
45 100
77 21.5 0.7 40.7
79 17.2 0.0 36.4

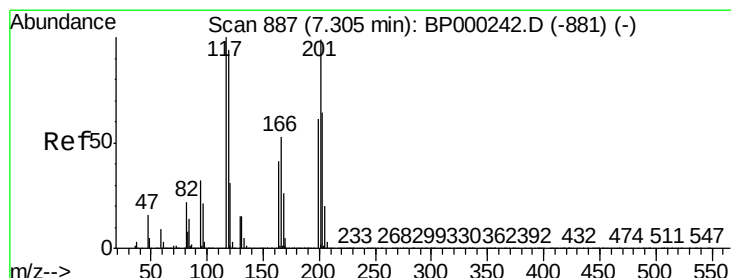
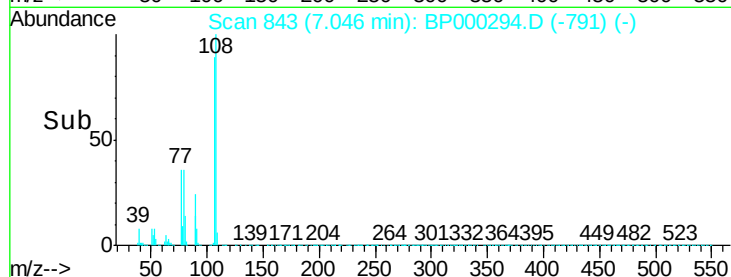
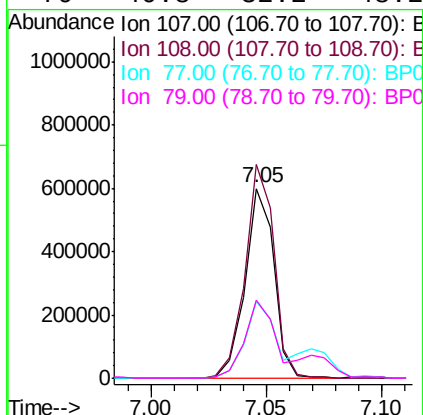
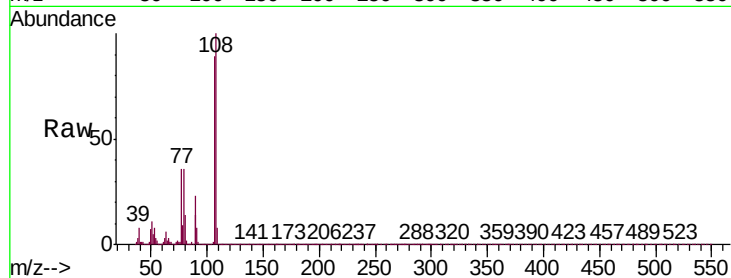




#17
2-Methylphenol
Concen: 39.332 ng
RT: 7.05 min Scan# 843
Delta R.T. 0.01 min
Lab File: BP000294.D
Acq: 18 Sep 2019 13:51

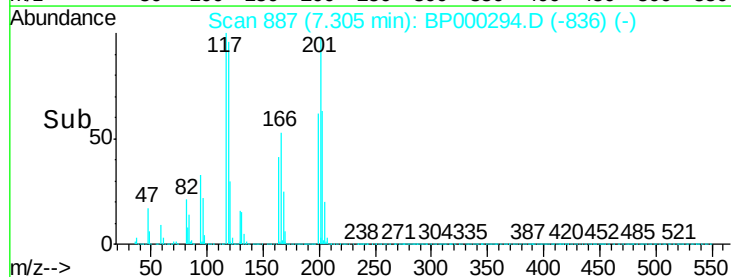
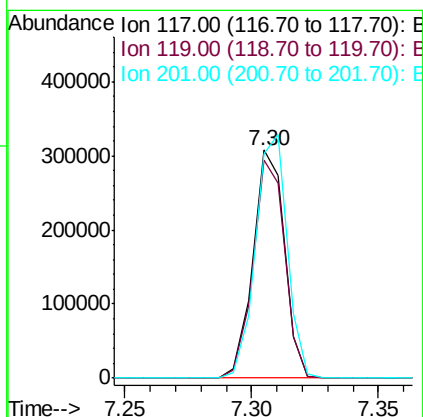
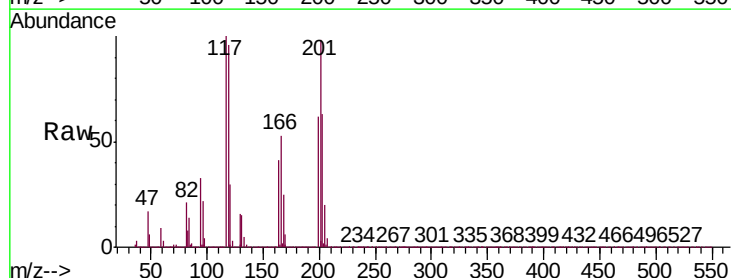
Instrument :
BNA_P
ClientSampleId :
PB123133BS

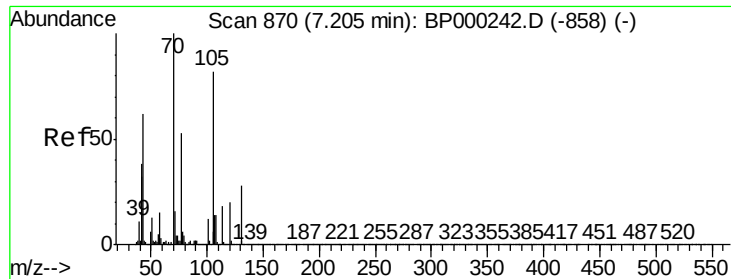
Tgt Ion:	107	Resp:	525557
Ion	Ratio	Lower	Upper
107	100		
108	112.5	90.1	135.1
77	40.4	31.5	47.3
79	40.8	32.2	48.2



#18
Hexachloroethane
Concen: 38.838 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BP000294.D
Acq: 18 Sep 2019 13:51

Tgt Ion:	117	Resp:	267712
Ion	Ratio	Lower	Upper
117	100		
119	95.9	75.6	113.4
201	98.2	79.4	119.2

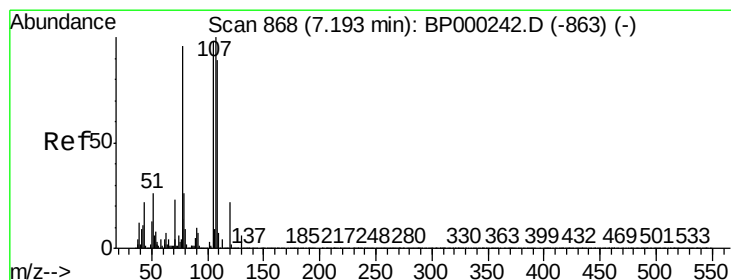
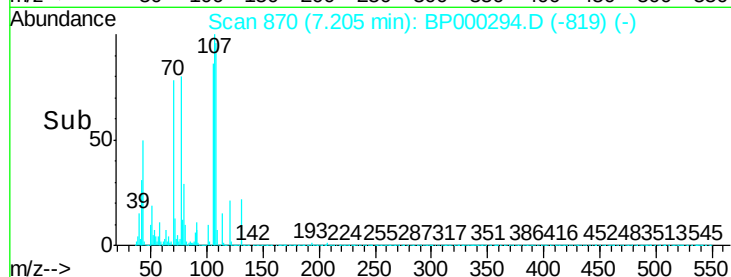
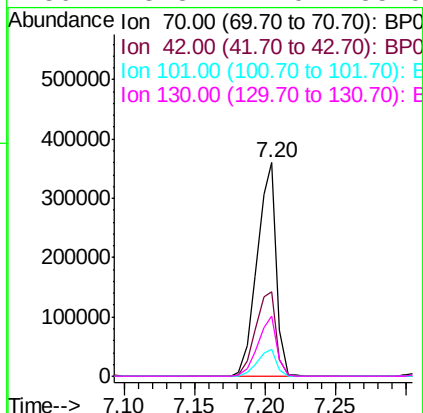
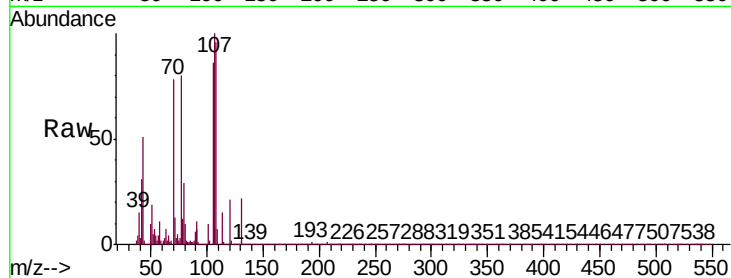




#19
n-Nitroso-di-n-propylamine
Concen: 36.820 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.00 min
Lab File: BP000294.D
Acq: 18 Sep 2019 13:51

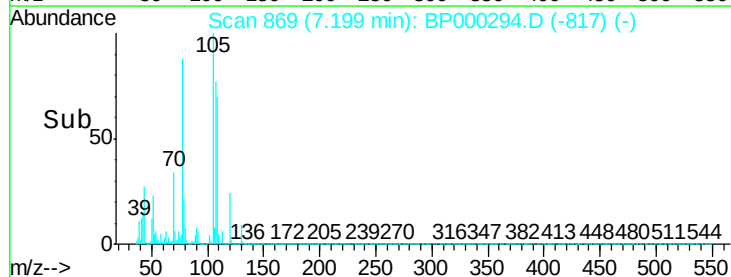
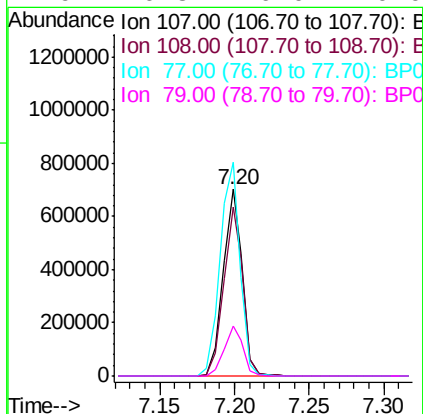
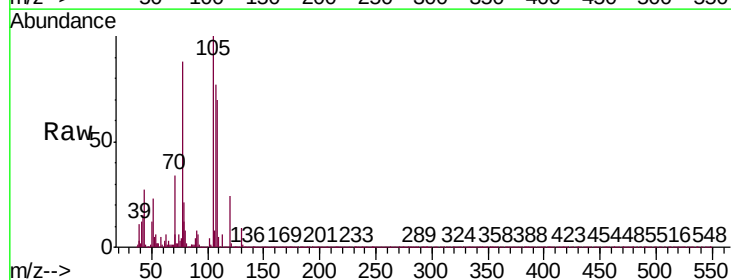
Instrument :
BNA_P
ClientSampleId :
PB123133BS

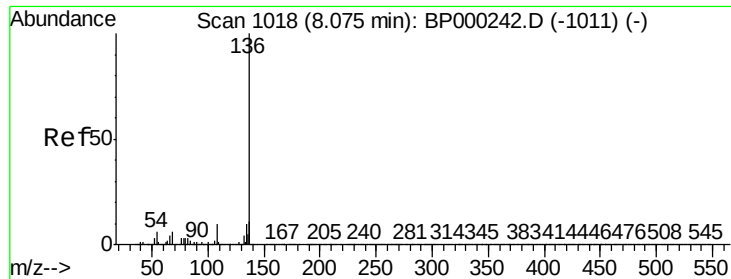
Tgt Ion:	70	Resp:	345724
Ion	Ratio	Lower	Upper
70	100		
42	39.6	30.7	46.1
101	12.4	9.6	14.4
130	28.3	22.0	33.0



#20
3+4-Methylphenols
Concen: 39.196 ng
RT: 7.20 min Scan# 869
Delta R.T. 0.01 min
Lab File: BP000294.D
Acq: 18 Sep 2019 13:51

Tgt Ion:	107	Resp:	633324
Ion	Ratio	Lower	Upper
107	100		
108	90.3	68.8	108.8
77	114.4	75.7	115.7
79	26.8	6.0	46.0

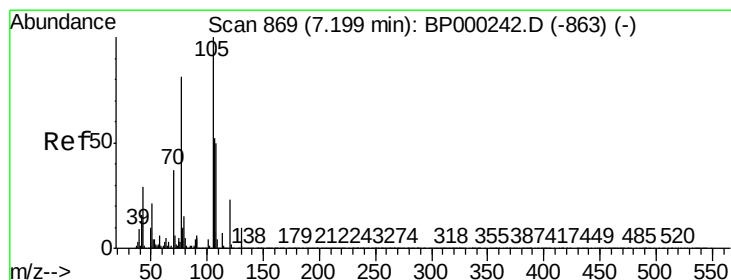
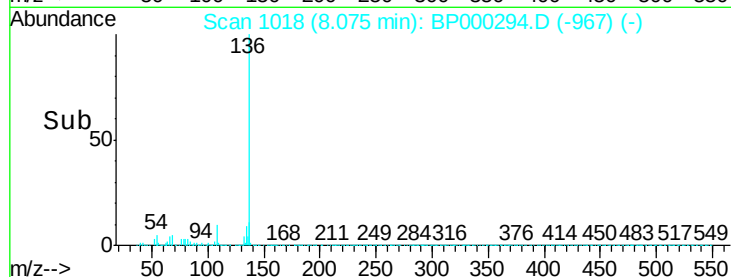
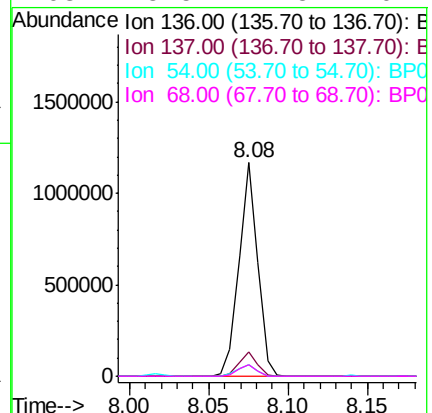
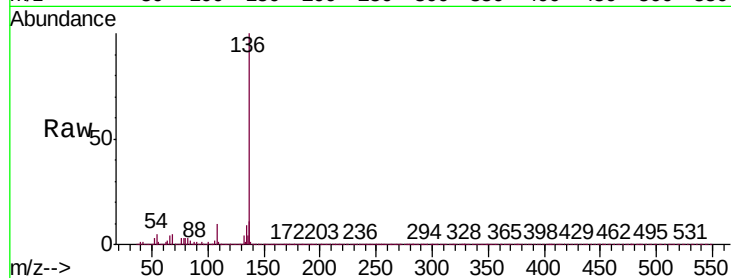




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BP000294.D
Acq: 18 Sep 2019 13:51

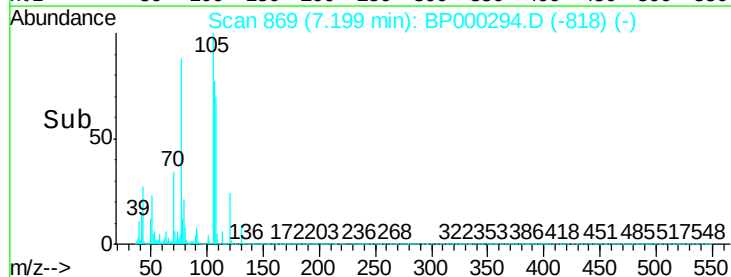
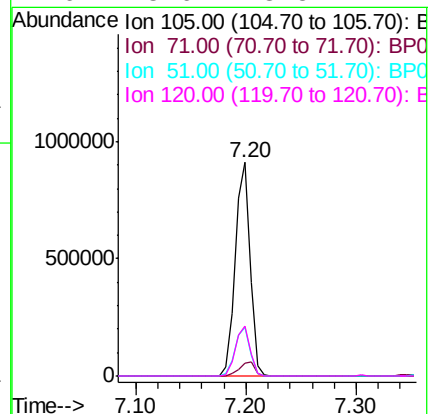
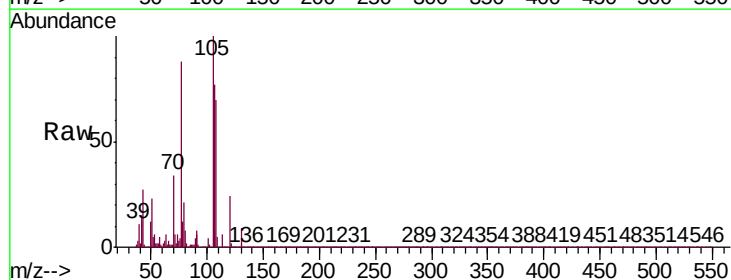
Instrument :
BNA_P
ClientSampleId :
PB123133BS

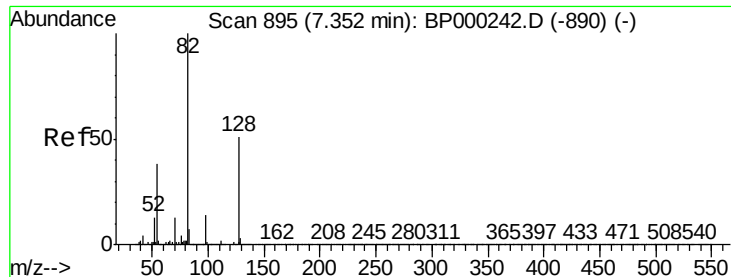
Tgt Ion:	136	Resp:	952436
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	5.4	4.5	6.7
68	5.5	4.5	6.7



#22
Acetophenone
Concen: 41.562 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.00 min
Lab File: BP000294.D
Acq: 18 Sep 2019 13:51

Tgt Ion:	105	Resp:	857844
Ion	Ratio	Lower	Upper
105	100		
71	5.8	5.2	7.8
51	22.7	16.6	24.8
120	23.6	18.5	27.7

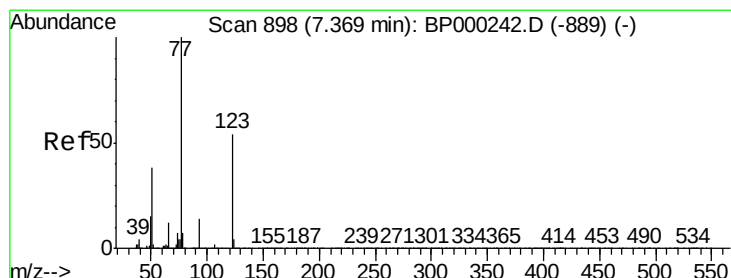
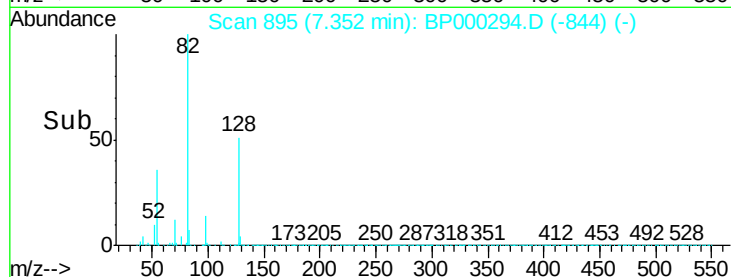
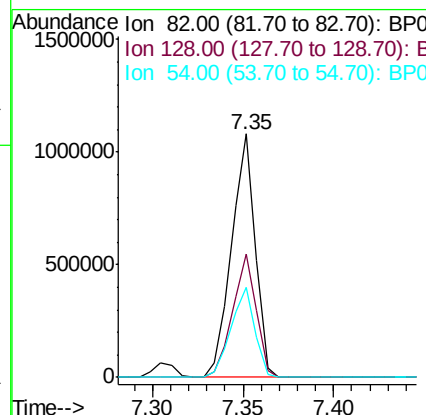
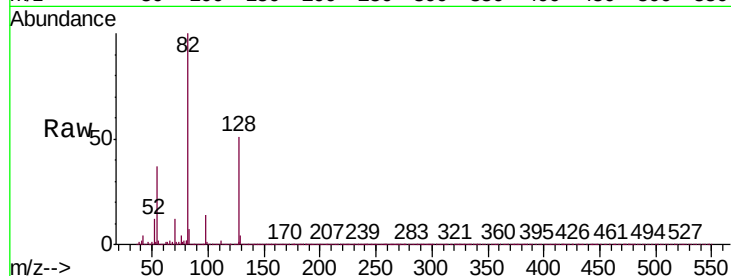




#23
Nitrobenzene-d5
Concen: 66.674 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.00 min
Lab File: BP000294.D
Acq: 18 Sep 2019 13:51

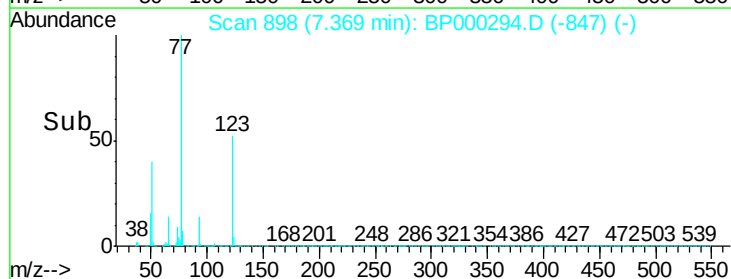
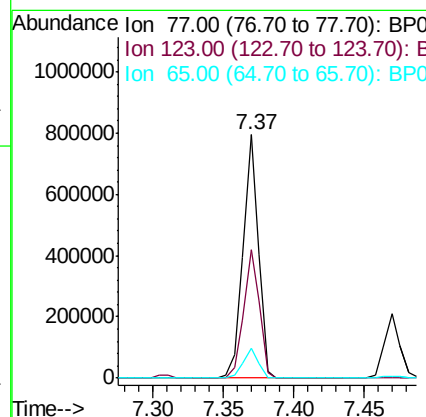
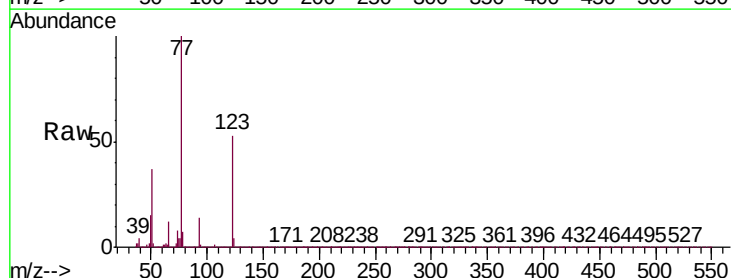
Instrument :
BNA_P
ClientSampleId :
PB123133BS

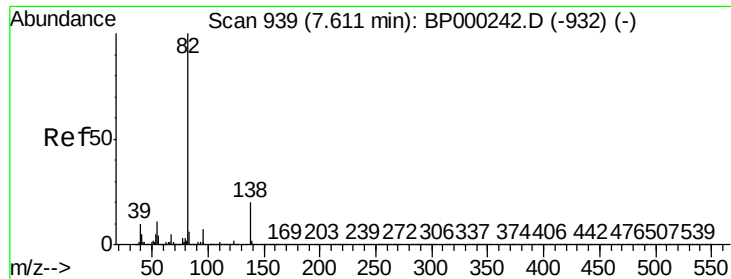
Tgt Ion	Ratio	Lower	Upper
82	100		
128	50.7	40.7	61.1
54	37.0	30.1	45.1



#24
Nitrobenzene
Concen: 39.328 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BP000294.D
Acq: 18 Sep 2019 13:51

Tgt Ion	Ratio	Lower	Upper
77	100		
123	52.7	43.1	64.7
65	12.2	9.4	14.2





#25

Isophorone

Concen: 38.031 ng

RT: 7.61 min Scan# 939

Delta R.T. -0.00 min

Lab File: BP000294.D

Acq: 18 Sep 2019 13:51

Instrument :

BNA_P

ClientSampleId :

PB123133BS

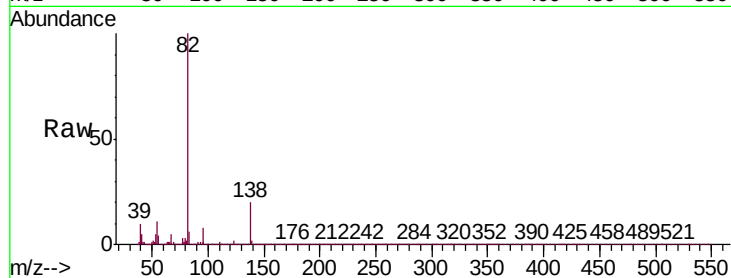
Tgt Ion: 82 Resp: 1111668

Ion Ratio Lower Upper

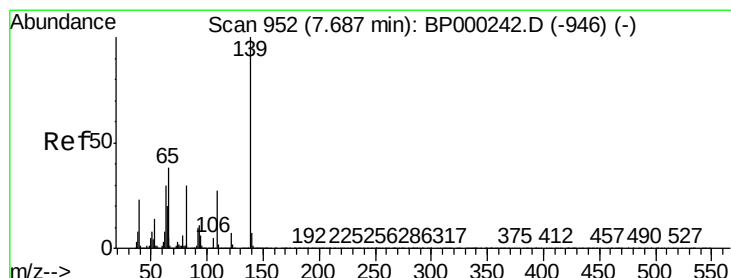
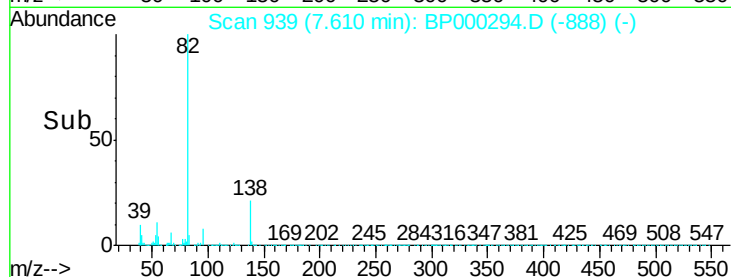
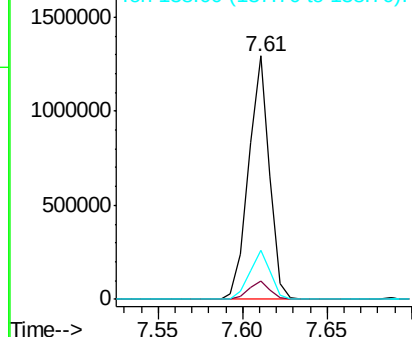
82 100

95 7.5 5.9 8.9

138 20.3 15.9 23.9



Abundance Ion 82.00 (81.70 to 82.70): BP0
Ion 95.00 (94.70 to 95.70): BP0
Ion 138.00 (137.70 to 138.70): BP0



#26

2-Nitrophenol

Concen: 42.650 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.00 min

Lab File: BP000294.D

Acq: 18 Sep 2019 13:51

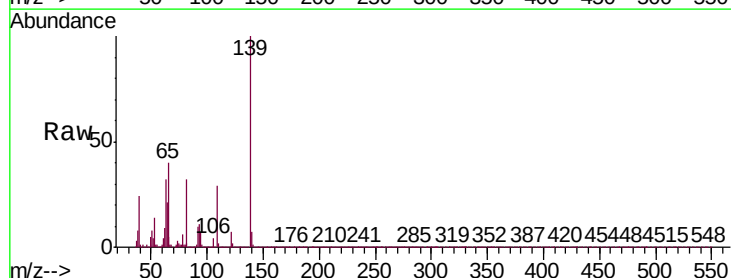
Tgt Ion: 139 Resp: 346683

Ion Ratio Lower Upper

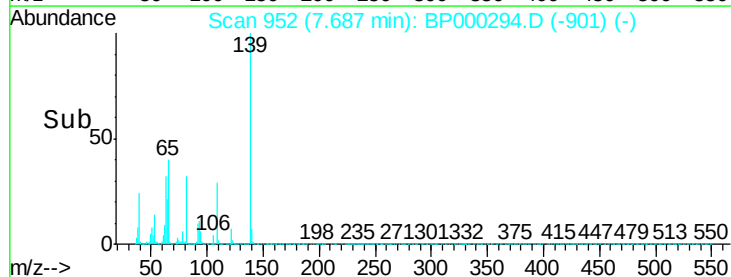
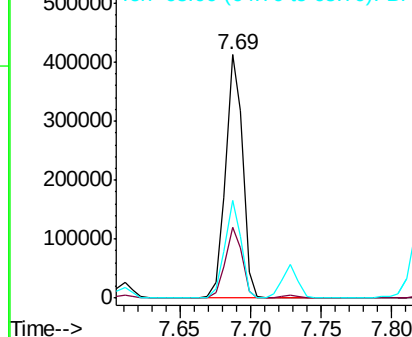
139 100

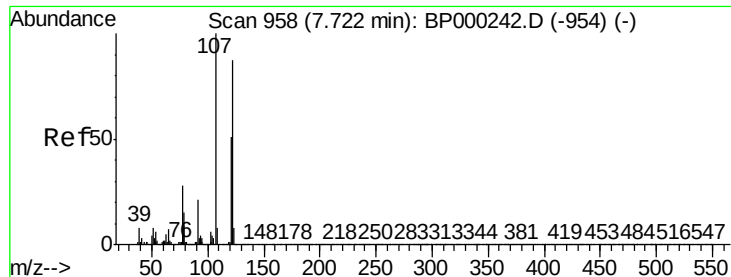
109 29.1 21.8 32.6

65 40.1 30.5 45.7



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BP0

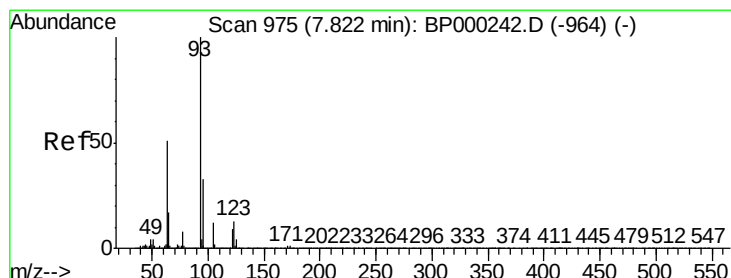
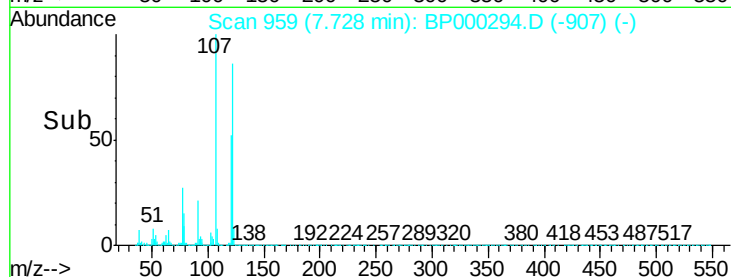
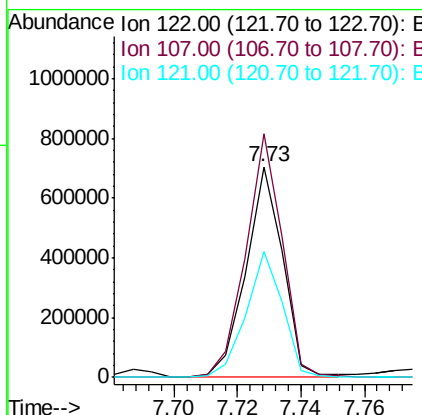
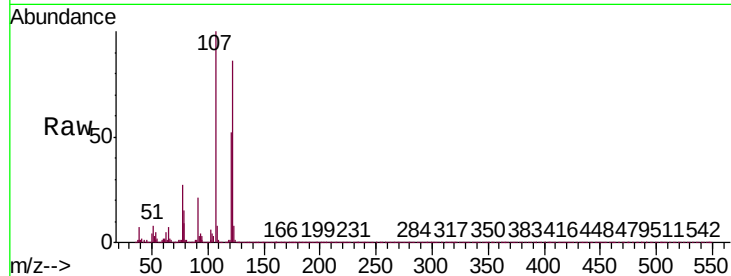




#27
2,4-Dimethylphenol
Concen: 43.817 ng
RT: 7.73 min Scan# 959
Delta R.T. 0.01 min
Lab File: BP000294.D
Acq: 18 Sep 2019 13:51

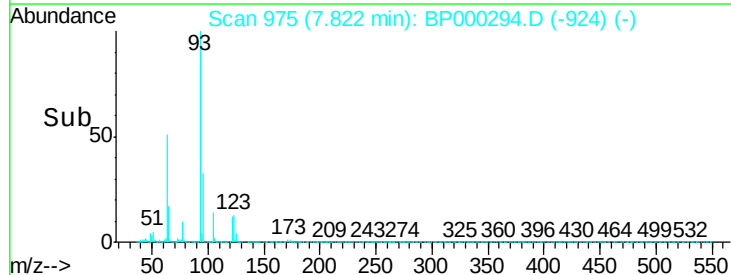
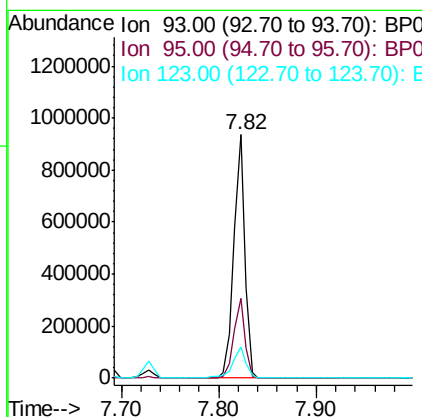
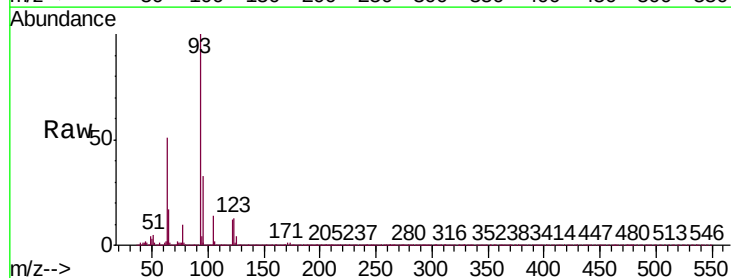
Instrument :
BNA_P
ClientSampleId :
PB123133BS

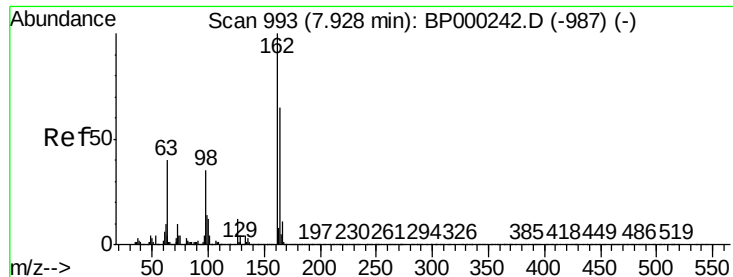
Tgt Ion	Ratio	Lower	Upper
122	100		
107	115.8	91.5	137.3
121	59.7	46.9	70.3



#28
bis(2-Chloroethoxy)methane
Concen: 37.730 ng
RT: 7.82 min Scan# 975
Delta R.T. -0.00 min
Lab File: BP000294.D
Acq: 18 Sep 2019 13:51

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.2	39.4
123	13.0	10.2	15.2





#29

2,4-Dichlorophenol

Concen: 41.621 ng

RT: 7.93 min Scan# 994

Delta R.T. 0.01 min

Lab File: BP000294.D

Acq: 18 Sep 2019 13:51

Instrument :

BNA_P

ClientSampleId :

PB123133BS

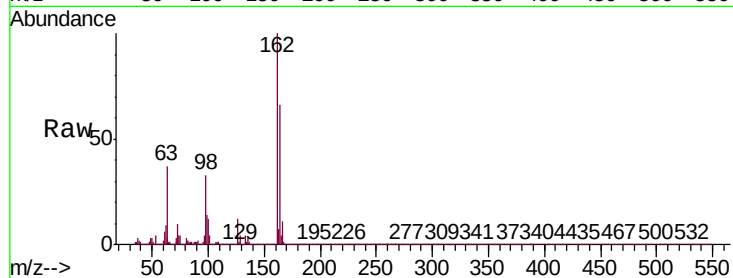
Tgt Ion:162 Resp: 577582

Ion Ratio Lower Upper

162 100

164 65.6 44.5 84.5

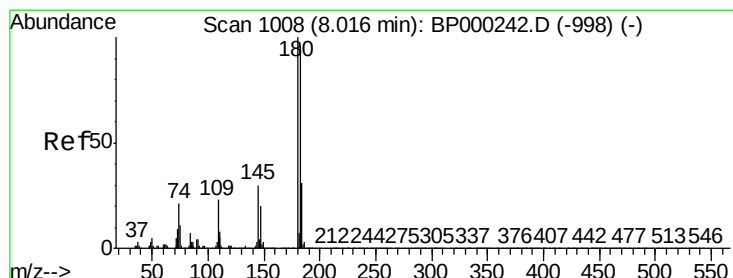
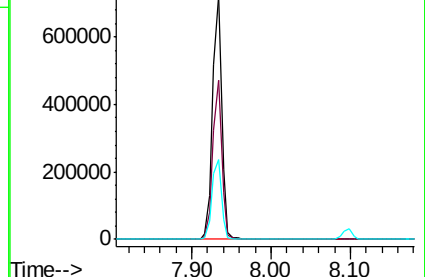
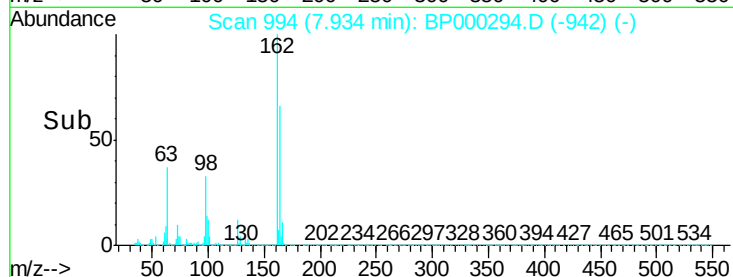
98 32.9 15.2 55.2



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): BP0



#30

1,2,4-Trichlorobenzene

Concen: 40.650 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.00 min

Lab File: BP000294.D

Acq: 18 Sep 2019 13:51

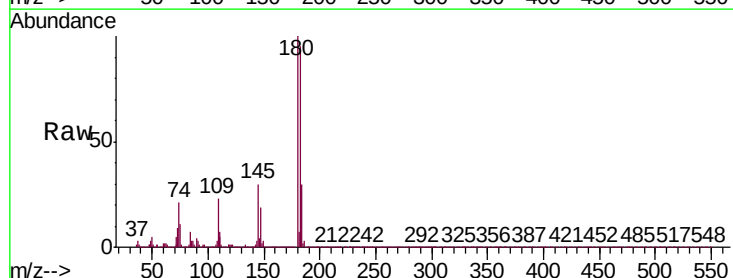
Tgt Ion:180 Resp: 646577

Ion Ratio Lower Upper

180 100

182 94.6 77.2 115.8

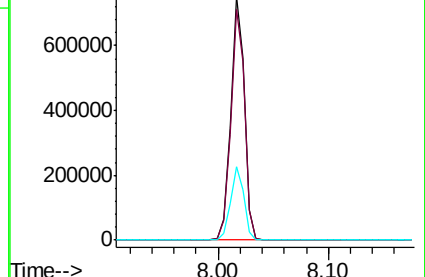
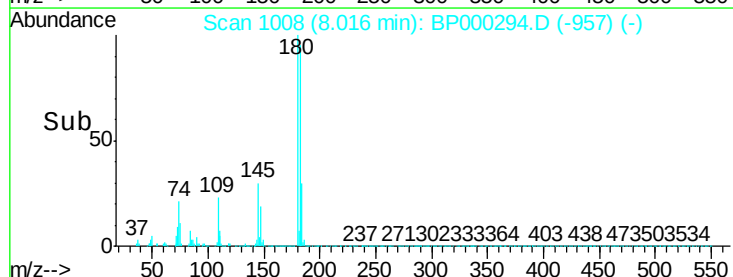
145 30.2 24.3 36.5

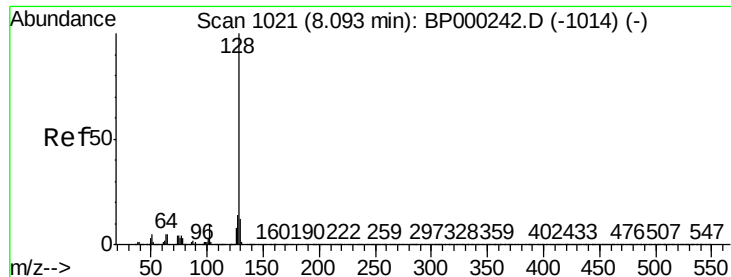


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

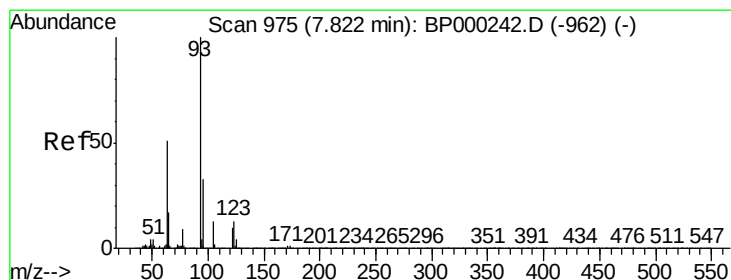
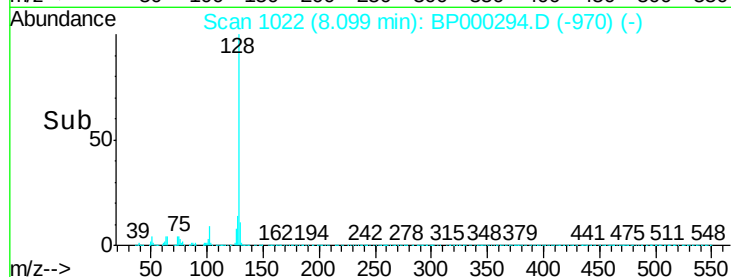
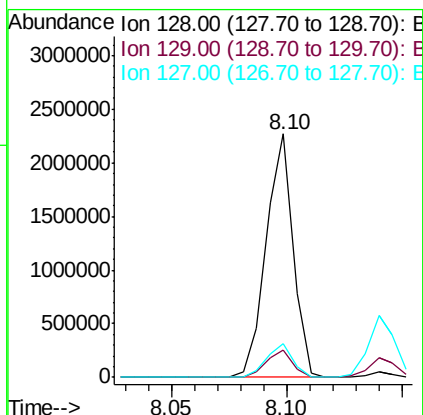
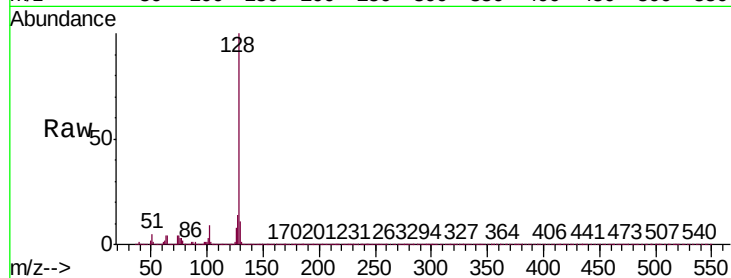




#31
Naphthalene
Concen: 41.815 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.01 min
Lab File: BP000294.D
Acq: 18 Sep 2019 13:51

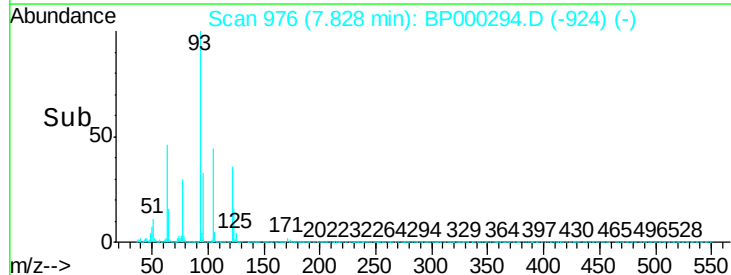
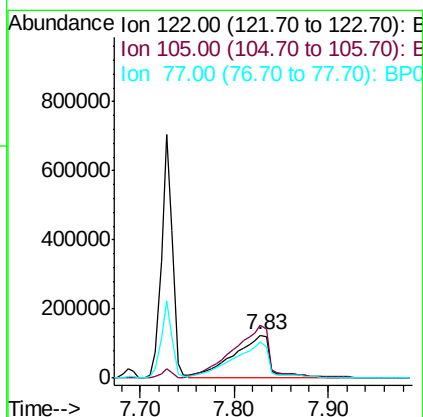
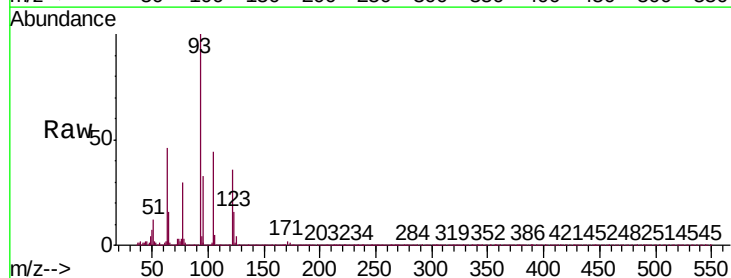
Instrument :
BNA_P
ClientSampleId :
PB123133BS

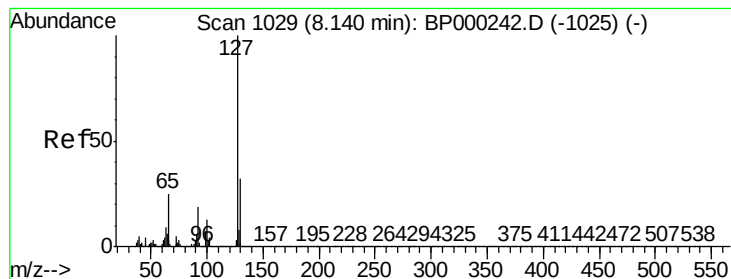
Tgt Ion:128 Resp: 1844502
Ion Ratio Lower Upper
128 100
129 11.1 9.2 13.8
127 13.6 11.0 16.6



#32
Benzoic acid
Concen: 38.320 ng
RT: 7.83 min Scan# 976
Delta R.T. 0.01 min
Lab File: BP000294.D
Acq: 18 Sep 2019 13:51

Tgt Ion:122 Resp: 335007
Ion Ratio Lower Upper
122 100
105 121.6 105.4 145.4
77 83.6 65.3 105.3





#33

4-Chloroaniline

Concen: 24.031 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.00 min

Lab File: BP000294.D

Acq: 18 Sep 2019 13:51

Instrument :

BNA_P

ClientSampleId :

PB123133BS

Tgt Ion:127 Resp: 479732

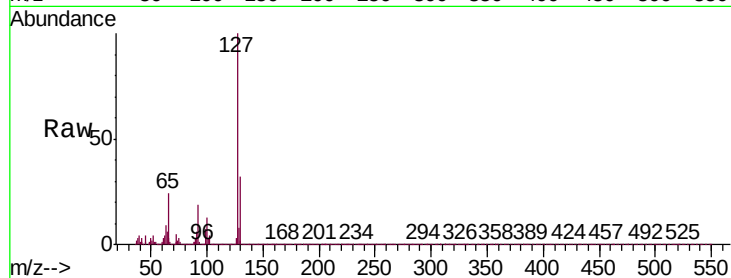
Ion Ratio Lower Upper

127 100

129 31.8 25.7 38.5

65 24.2 19.9 29.9

92 18.9 15.4 23.0

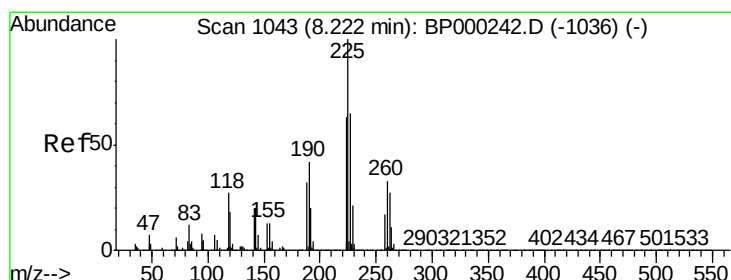
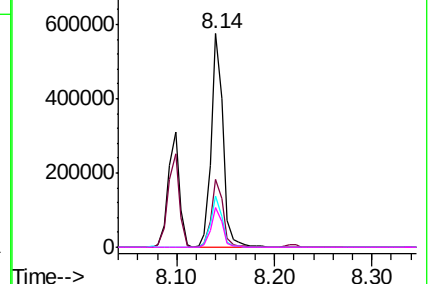
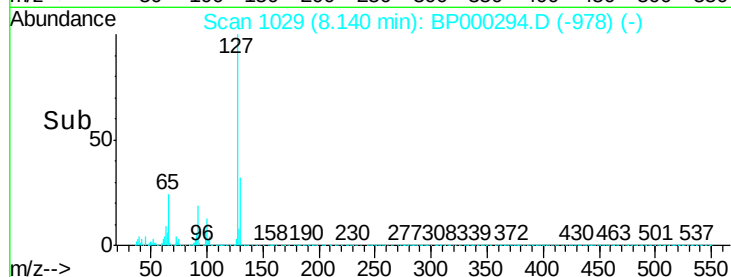


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BP0

Ion 92.00 (91.70 to 92.70): BP0



#34

Hexachlorobutadiene

Concen: 41.356 ng

RT: 8.22 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BP000294.D

Acq: 18 Sep 2019 13:51

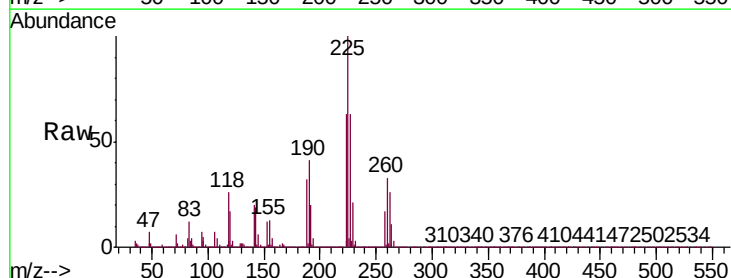
Tgt Ion:225 Resp: 389766

Ion Ratio Lower Upper

225 100

223 62.7 50.2 75.2

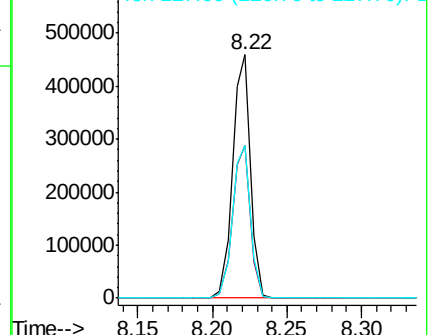
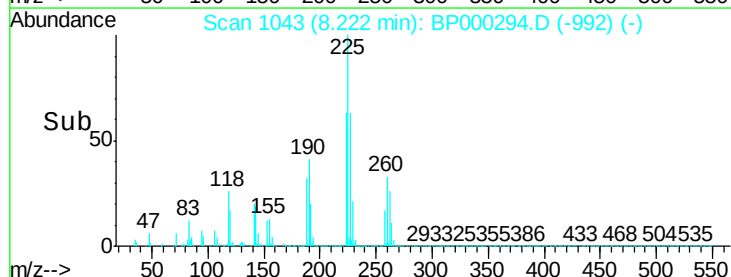
227 63.0 51.8 77.6

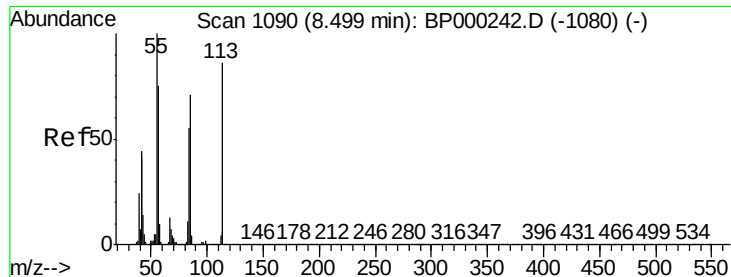


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 27.171 ng

RT: 8.49 min Scan# 1089

Delta R.T. -0.01 min

Lab File: BP000294.D

Acq: 18 Sep 2019 13:51

Instrument :

BNA_P

ClientSampleId :

PB123133BS

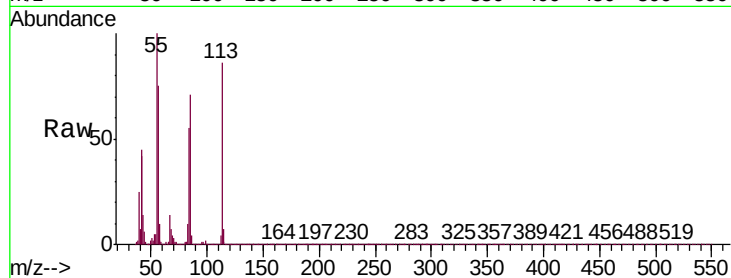
Tgt Ion:113 Resp: 128265

Ion Ratio Lower Upper

113 100

55 116.8 96.8 136.8

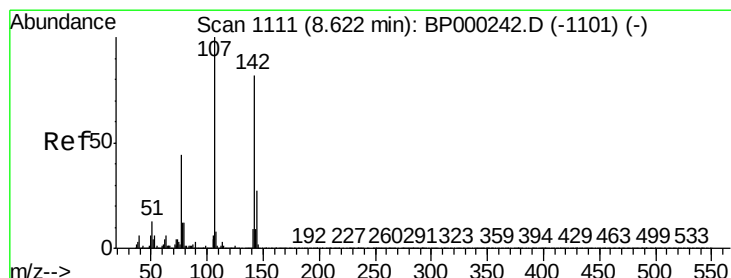
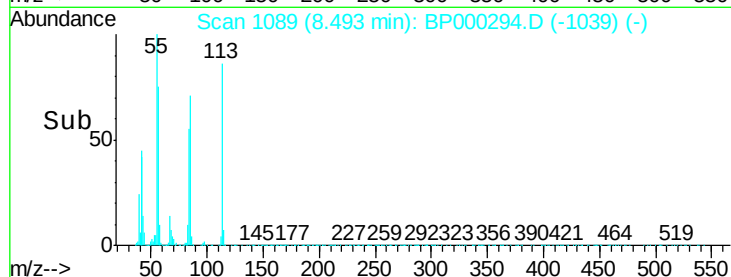
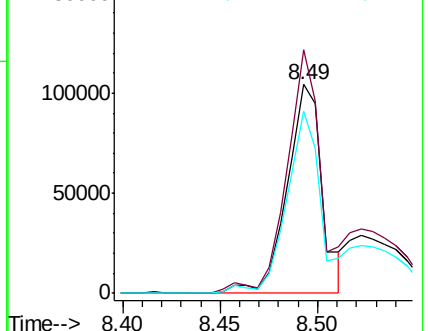
56 87.5 67.5 107.5



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BP0

Ion 56.00 (55.70 to 56.70): BP0



#36

4-Chloro-3-methylphenol

Concen: 41.056 ng

RT: 8.63 min Scan# 1112

Delta R.T. 0.01 min

Lab File: BP000294.D

Acq: 18 Sep 2019 13:51

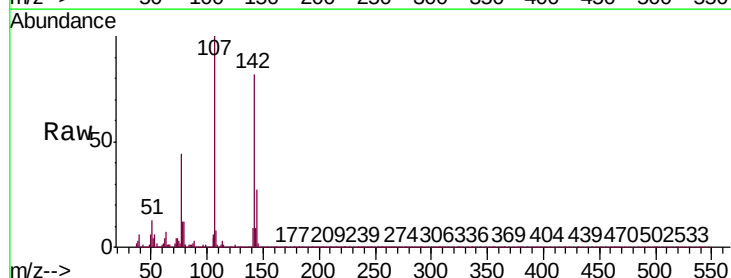
Tgt Ion:107 Resp: 578373

Ion Ratio Lower Upper

107 100

144 27.2 21.5 32.3

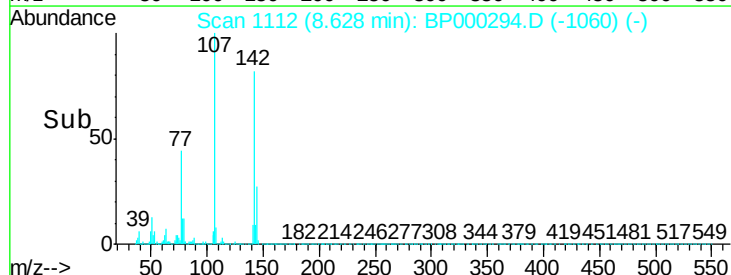
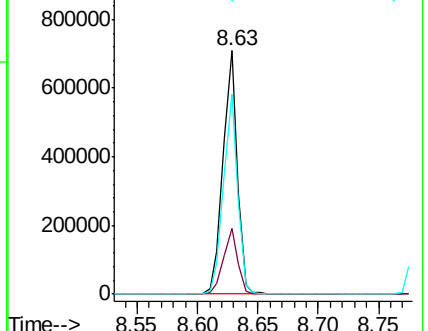
142 82.3 65.7 98.5

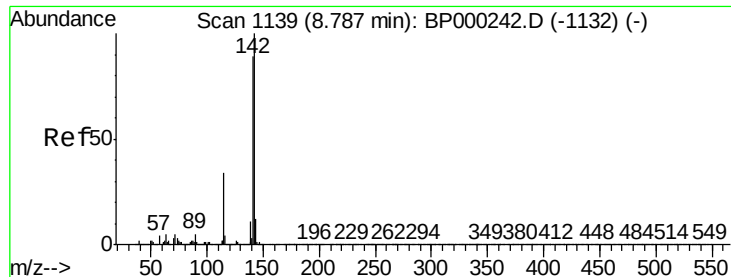


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

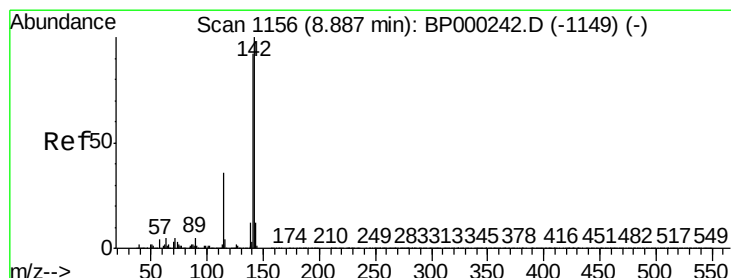
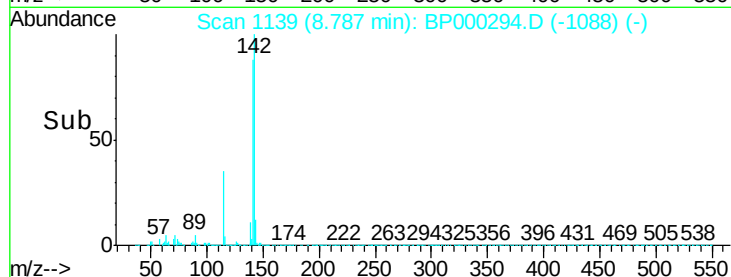
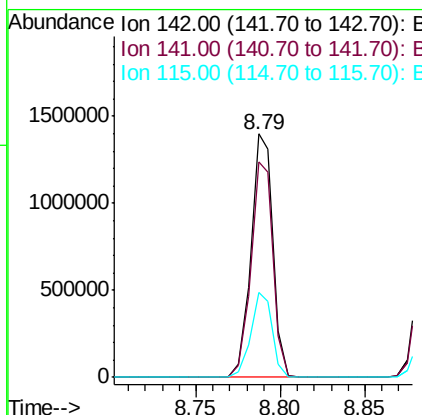
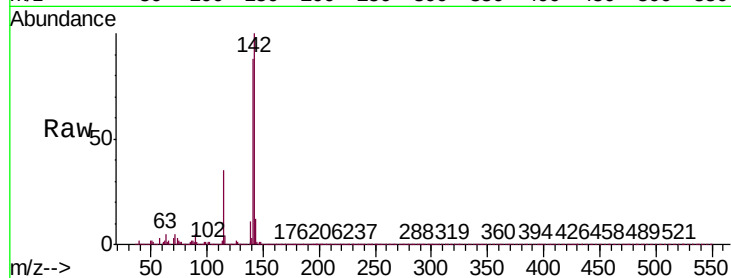




#37
2-Methylnaphthalene
Concen: 42.133 ng
RT: 8.79 min Scan# 1139
Delta R.T. -0.00 min
Lab File: BP000294.D
Acq: 18 Sep 2019 13:51

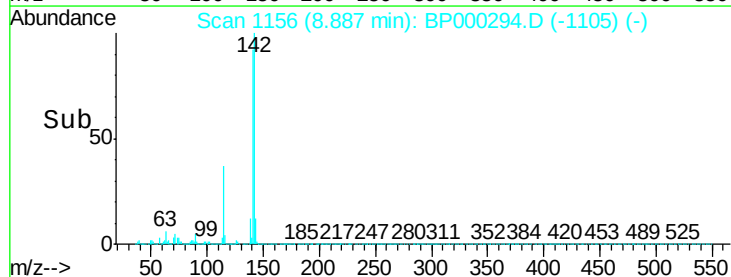
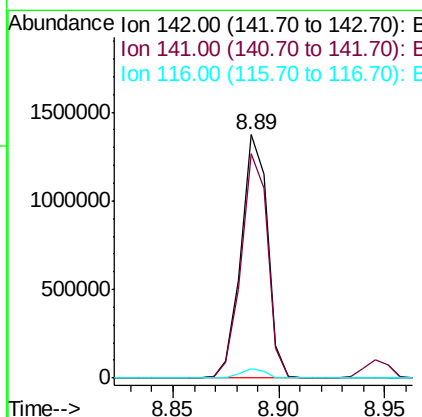
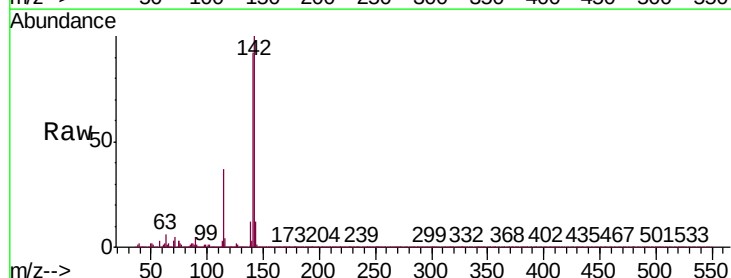
Instrument :
BNA_P
ClientSampleId :
PB123133BS

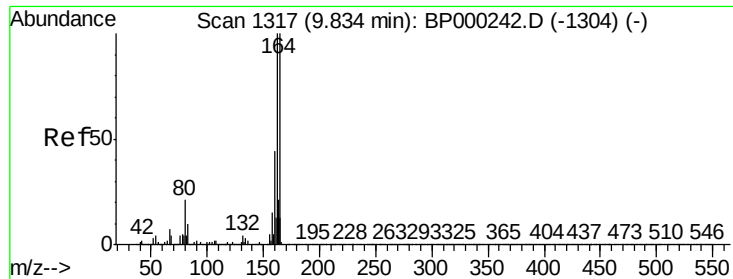
Tgt Ion:142 Resp: 1270481
Ion Ratio Lower Upper
142 100
141 88.4 71.3 106.9
115 34.9 27.2 40.8



#38
1-Methylnaphthalene
Concen: 42.106 ng
RT: 8.89 min Scan# 1156
Delta R.T. -0.00 min
Lab File: BP000294.D
Acq: 18 Sep 2019 13:51

Tgt Ion:142 Resp: 1189349
Ion Ratio Lower Upper
142 100
141 92.1 73.9 110.9
116 3.9 3.0 4.6

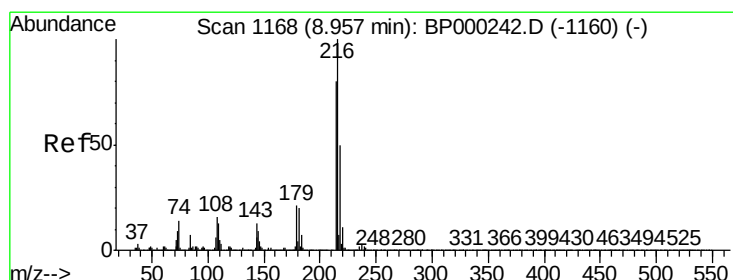
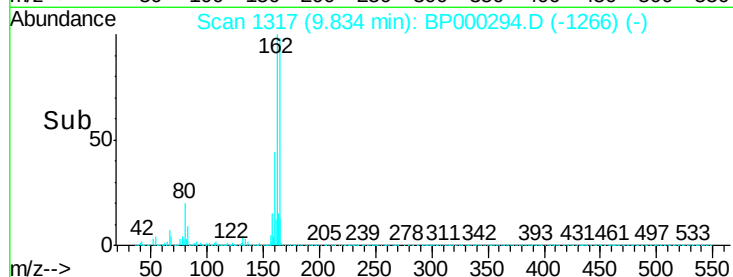
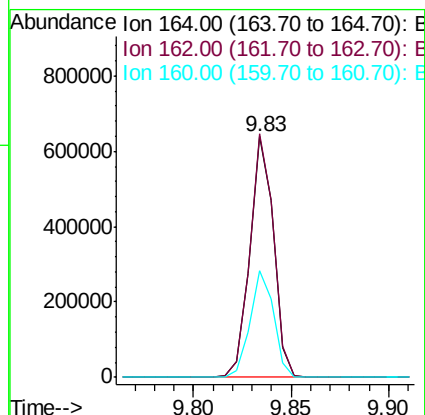
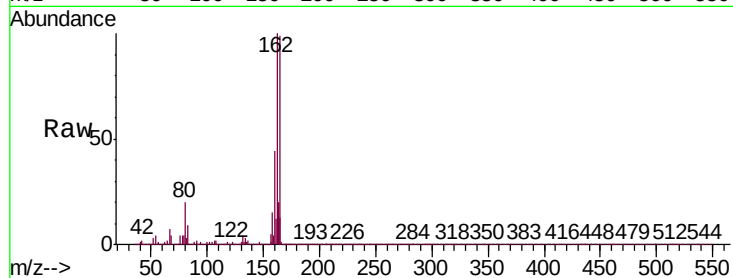




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BP000294.D
Acq: 18 Sep 2019 13:51

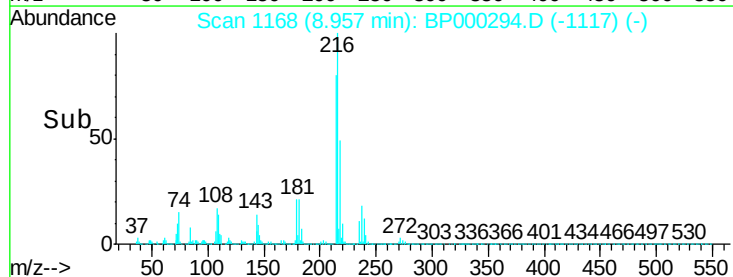
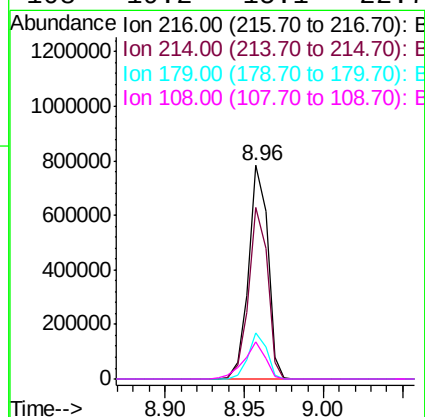
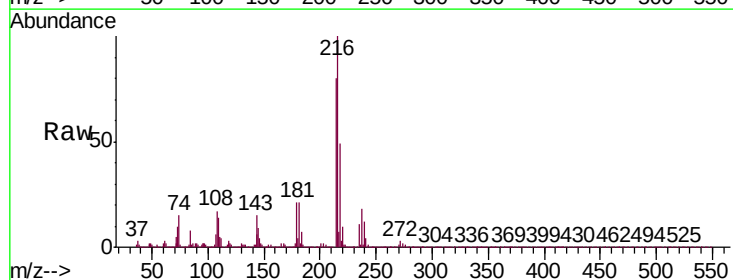
Instrument :
BNA_P
ClientSampleId :
PB123133BS

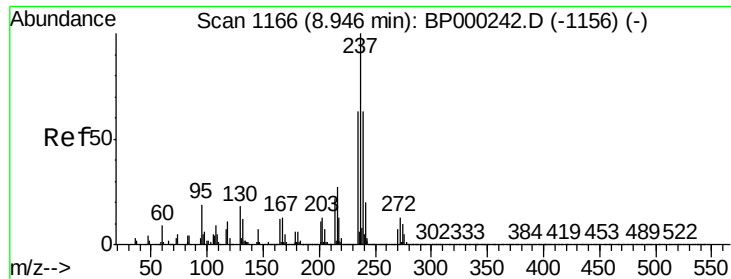
Tgt Ion:164 Resp: 533208
Ion Ratio Lower Upper
164 100
162 101.2 79.9 119.9
160 44.5 35.6 53.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.946 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BP000294.D
Acq: 18 Sep 2019 13:51

Tgt Ion:216 Resp: 654725
Ion Ratio Lower Upper
216 100
214 79.1 63.6 95.4
179 20.8 17.0 25.4
108 19.2 15.1 22.7

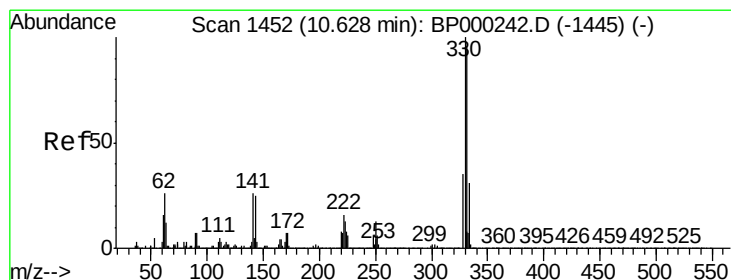
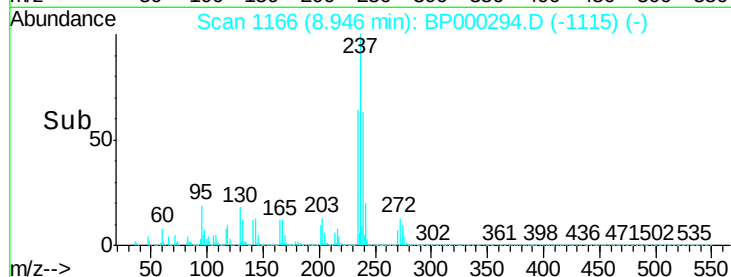
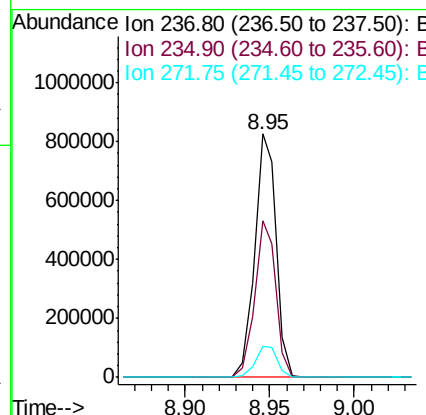
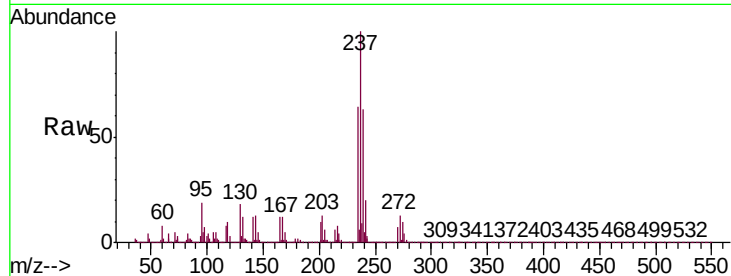




#41
Hexachlorocyclopentadiene
Concen: 83.475 ng
RT: 8.95 min Scan# 1166
Delta R.T. -0.00 min
Lab File: BP000294.D
Acq: 18 Sep 2019 13:51

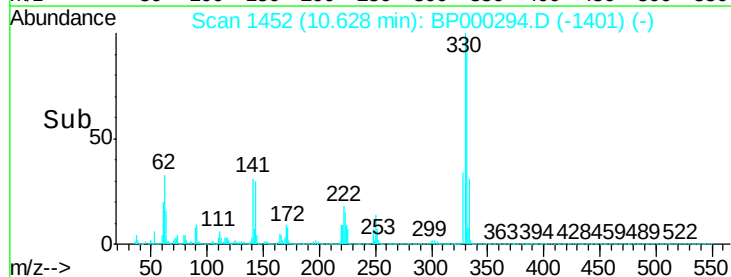
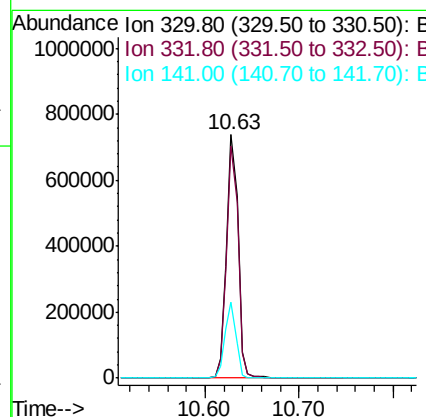
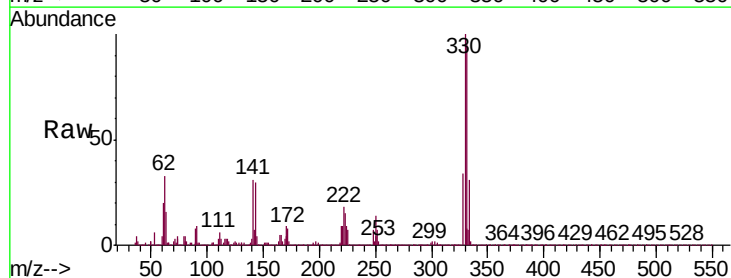
Instrument :
BNA_P
ClientSampleId :
PB123133BS

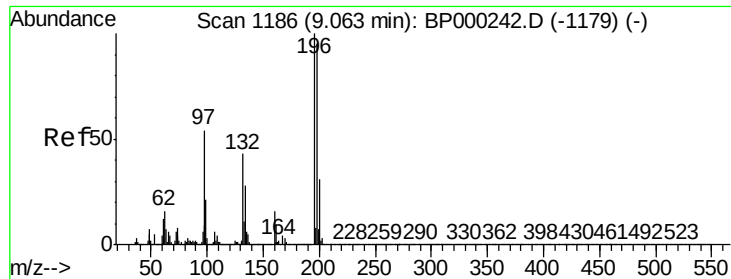
Tgt Ion	Ratio	Lower	Upper
237	100		
235	64.2	43.5	83.5
272	12.8	0.0	33.0



#42
2,4,6-Tribromophenol
Concen: 121.216 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BP000294.D
Acq: 18 Sep 2019 13:51

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.6	115.0
141	30.2	26.5	39.7

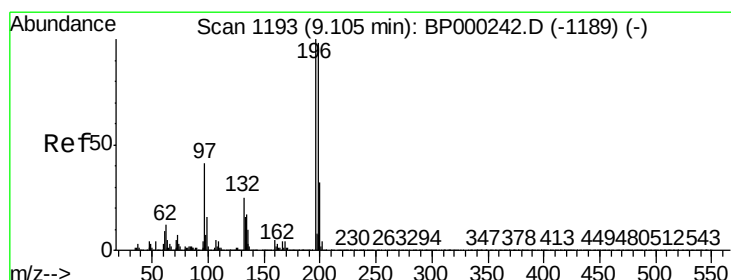
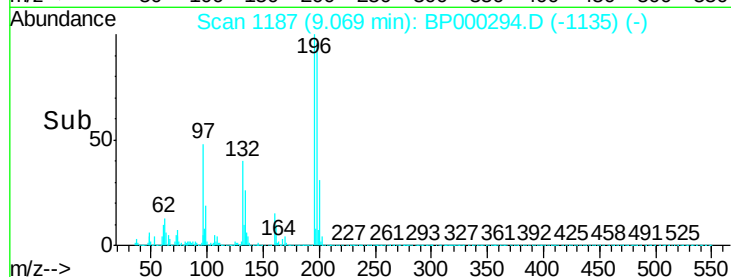
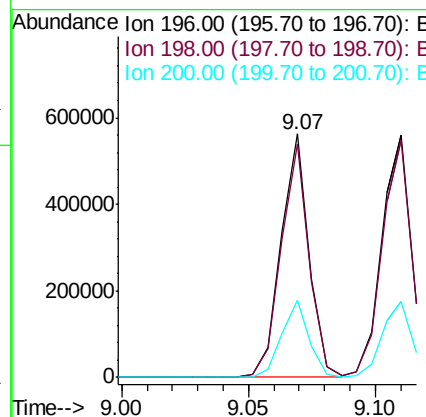
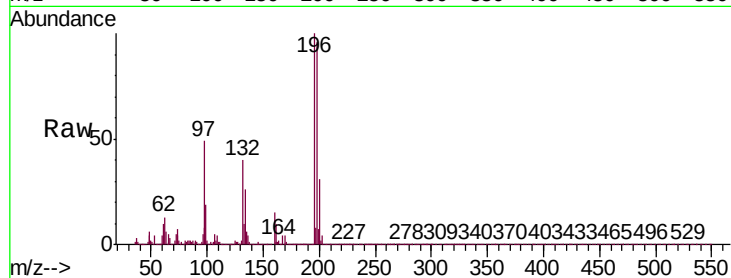




#43
 2,4,6-Trichlorophenol
 Concen: 41.275 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. 0.01 min
 Lab File: BP000294.D
 Acq: 18 Sep 2019 13:51

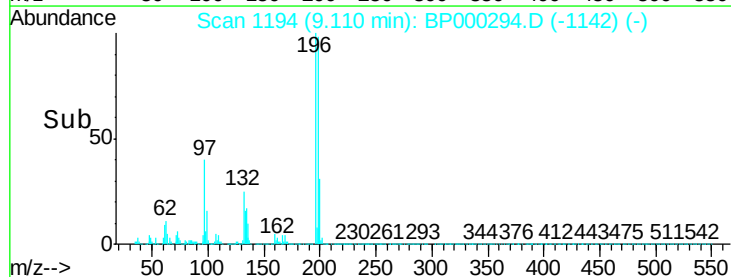
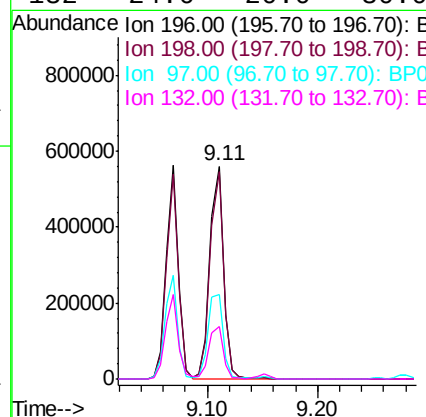
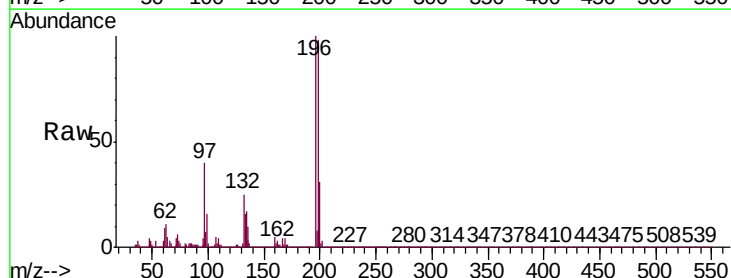
Instrument :
 BNA_P
 ClientSampleId :
 PB123133BS

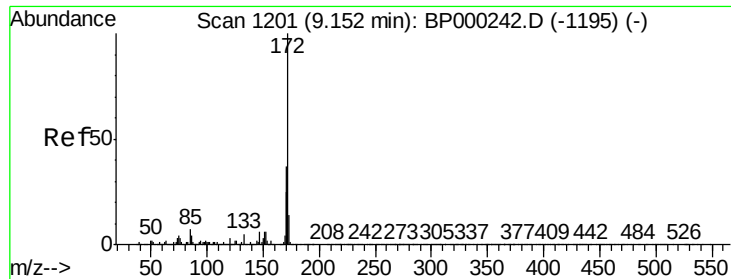
Tgt Ion:196 Resp: 435413
 Ion Ratio Lower Upper
 196 100
 198 95.8 76.0 114.0
 200 31.5 24.6 37.0



#44
 2,4,5-Trichlorophenol
 Concen: 43.302 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. 0.01 min
 Lab File: BP000294.D
 Acq: 18 Sep 2019 13:51

Tgt Ion:196 Resp: 467742
 Ion Ratio Lower Upper
 196 100
 198 97.5 78.1 117.1
 97 40.0 33.3 49.9
 132 24.6 20.0 30.0

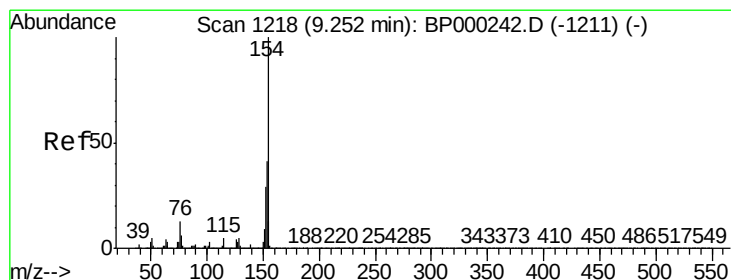
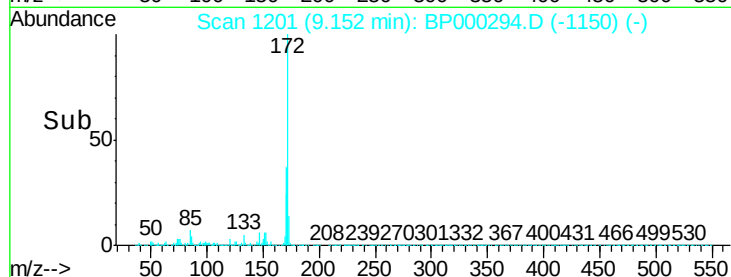
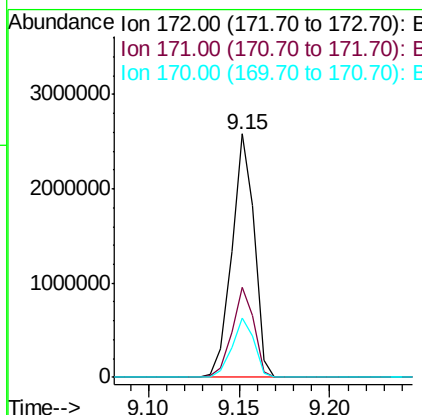
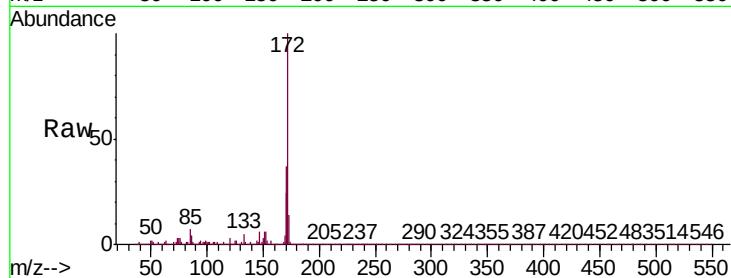




#45
2-Fluorobiphenyl
Concen: 74.562 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BP000294.D
Acq: 18 Sep 2019 13:51

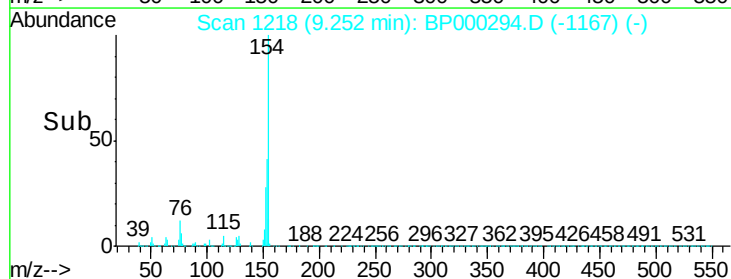
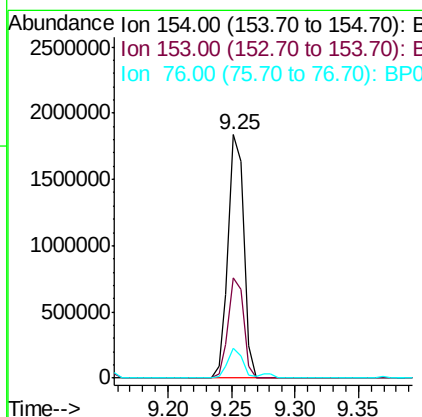
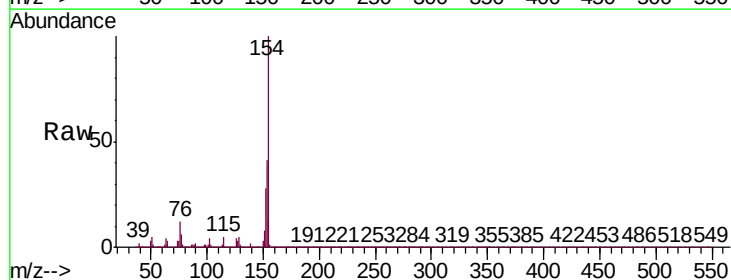
Instrument :
BNA_P
ClientSampleId :
PB123133BS

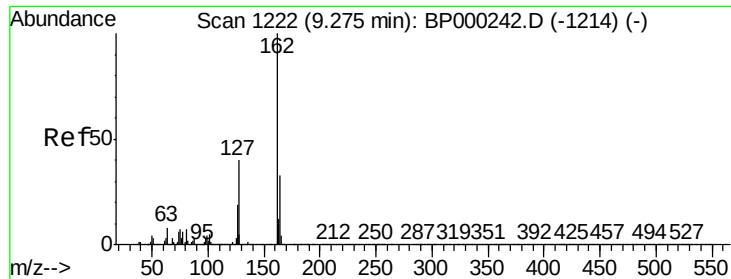
Tgt Ion:172 Resp: 2208955
Ion Ratio Lower Upper
172 100
171 36.9 29.8 44.6
170 24.3 19.8 29.6



#46
1,1'-Biphenyl
Concen: 42.535 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BP000294.D
Acq: 18 Sep 2019 13:51

Tgt Ion:154 Resp: 1568979
Ion Ratio Lower Upper
154 100
153 41.3 21.4 61.4
76 12.4 0.0 33.4

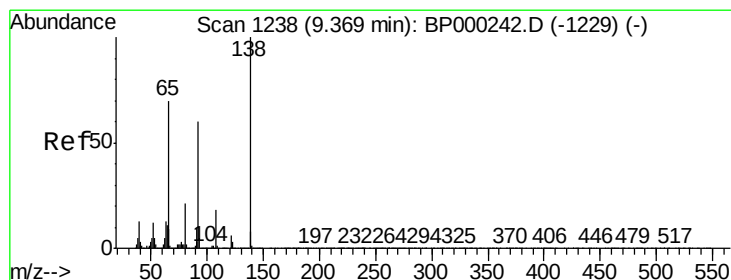
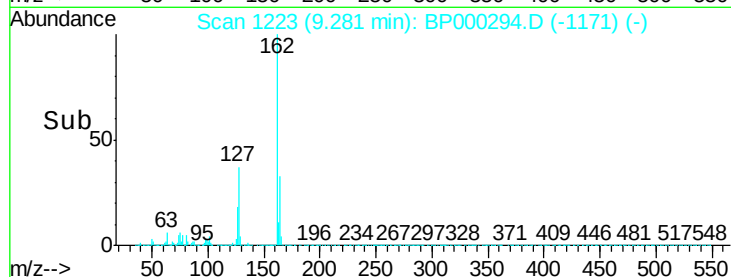
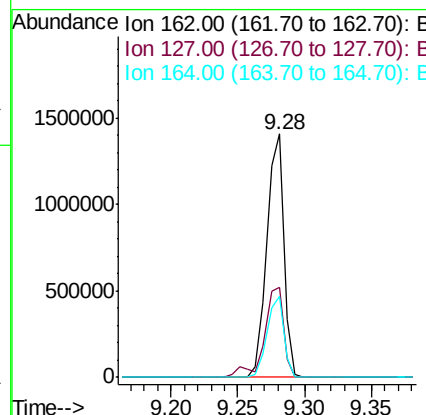
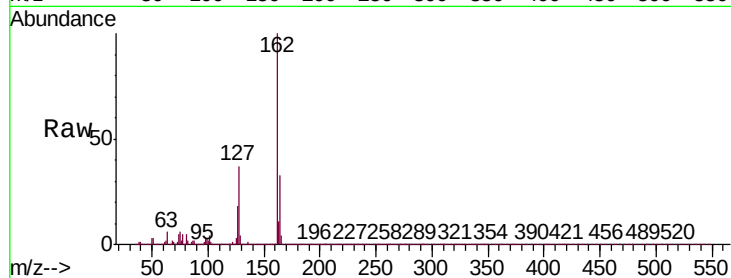




#47
 2-Chloronaphthalene
 Concen: 39.684 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. 0.01 min
 Lab File: BP000294.D
 Acq: 18 Sep 2019 13:51

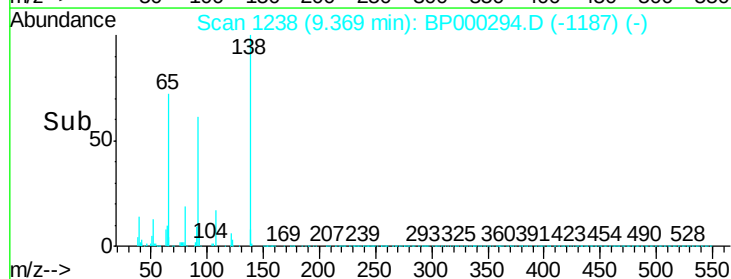
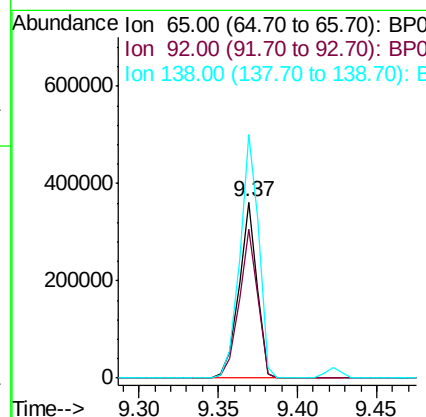
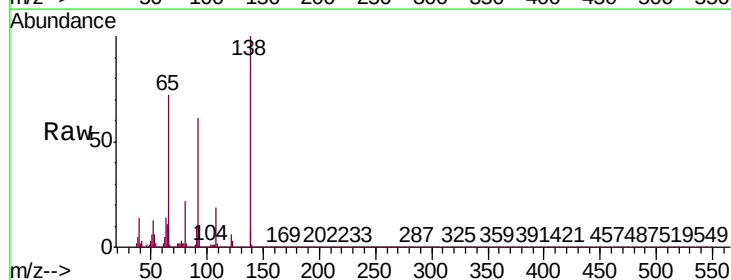
Instrument :
 BNA_P
 ClientSampleId :
 PB123133BS

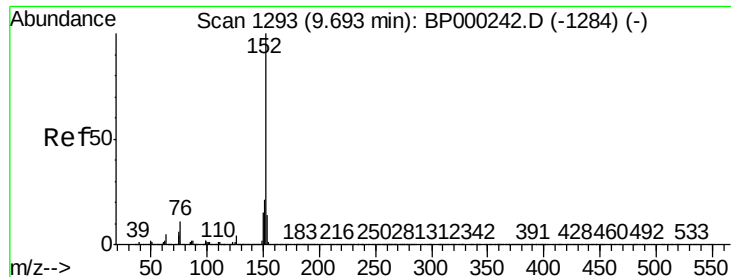
Tgt Ion: 162 Resp: 1227918
 Ion Ratio Lower Upper
 162 100
 127 37.2 32.4 48.6
 164 33.4 26.3 39.5



#48
 2-Nitroaniline
 Concen: 36.490 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. -0.00 min
 Lab File: BP000294.D
 Acq: 18 Sep 2019 13:51

Tgt Ion: 65 Resp: 286729
 Ion Ratio Lower Upper
 65 100
 92 84.8 68.7 103.1
 138 138.1 114.4 171.6





#49

Acenaphthylene

Concen: 41.801 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.01 min

Lab File: BP000294.D

Acq: 18 Sep 2019 13:51

Instrument :

BNA_P

ClientSampleId :

PB123133BS

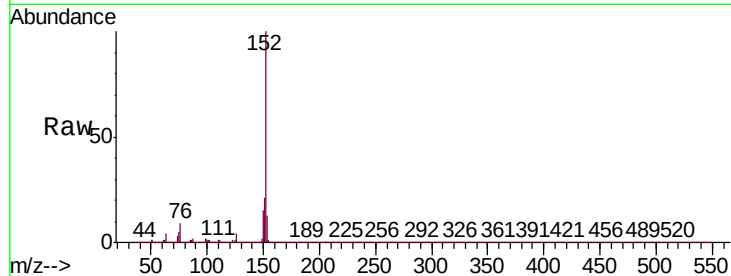
Tgt Ion:152 Resp: 1944262

Ion Ratio Lower Upper

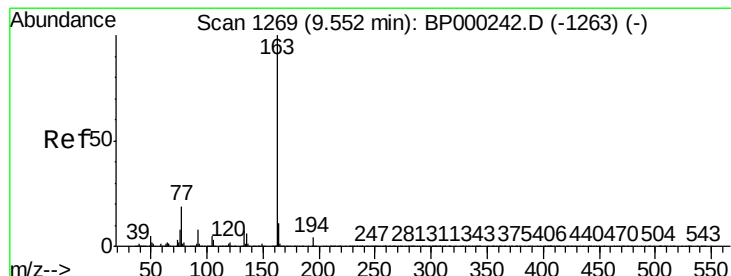
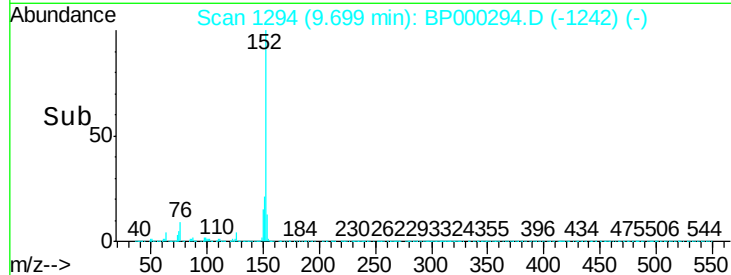
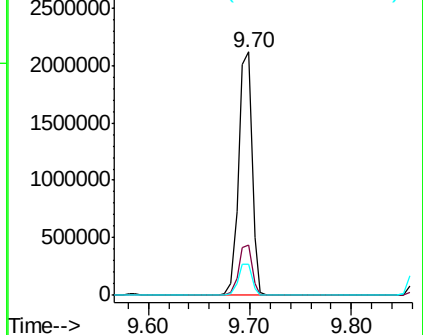
152 100

151 20.5 16.4 24.6

153 13.0 11.0 16.4



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: 40.048 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.00 min

Lab File: BP000294.D

Acq: 18 Sep 2019 13:51

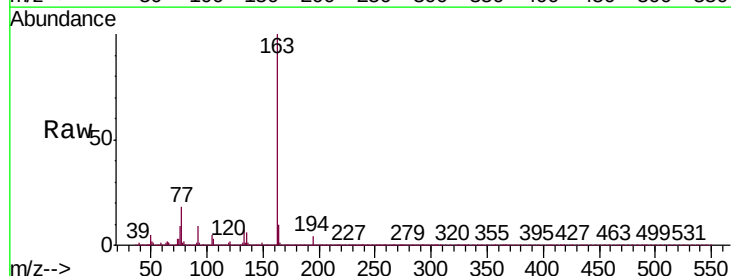
Tgt Ion:163 Resp: 1454889

Ion Ratio Lower Upper

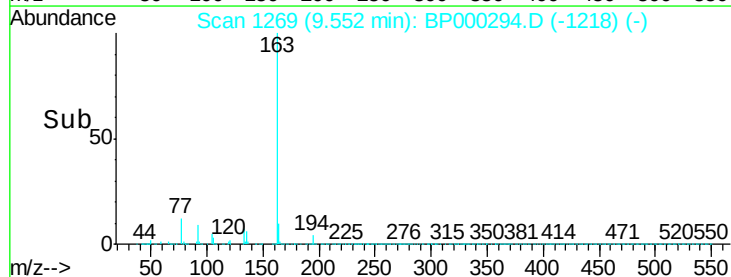
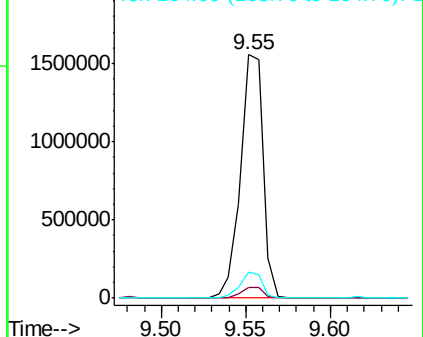
163 100

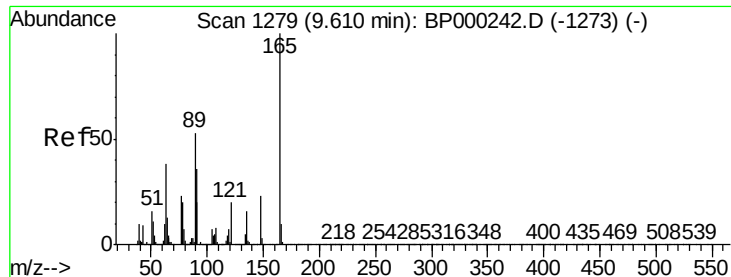
194 4.2 3.4 5.0

164 10.5 8.5 12.7



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

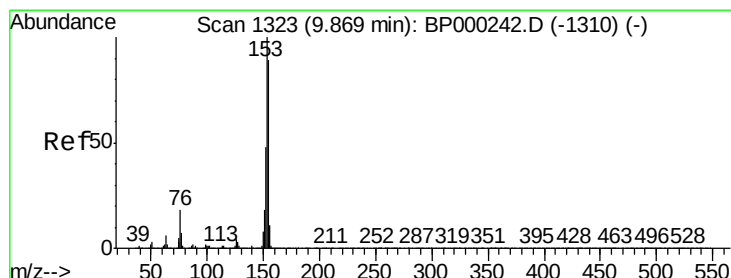
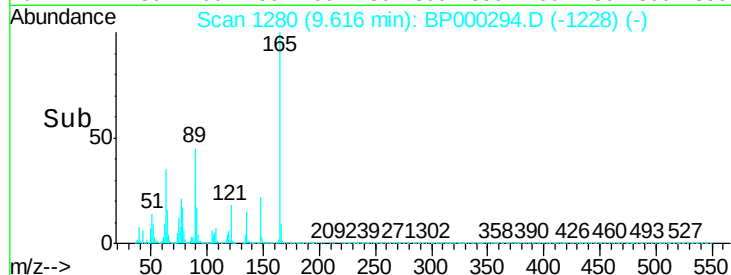
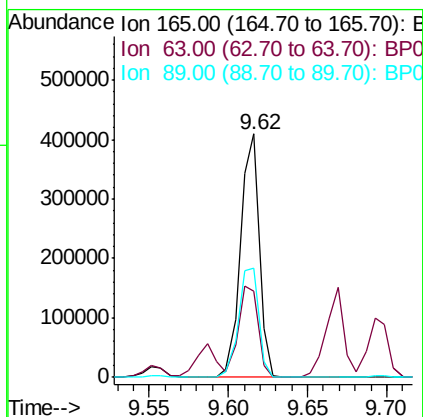
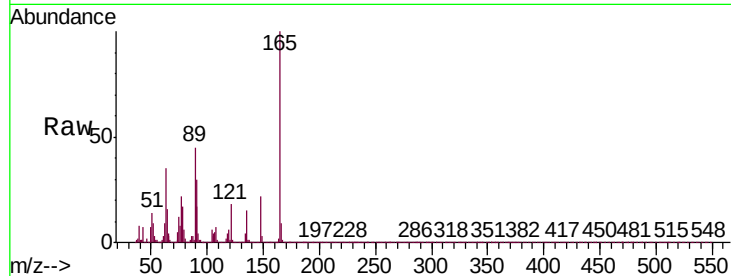




#51
 2,6-Dinitrotoluene
 Concen: 41.993 ng
 RT: 9.62 min Scan# 1280
 Delta R.T. 0.01 min
 Lab File: BP000294.D
 Acq: 18 Sep 2019 13:51

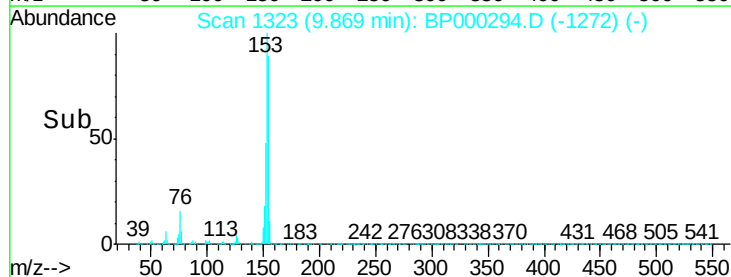
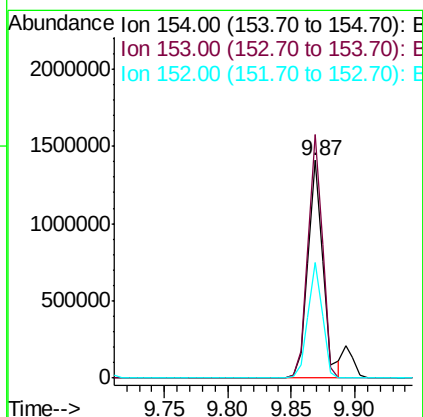
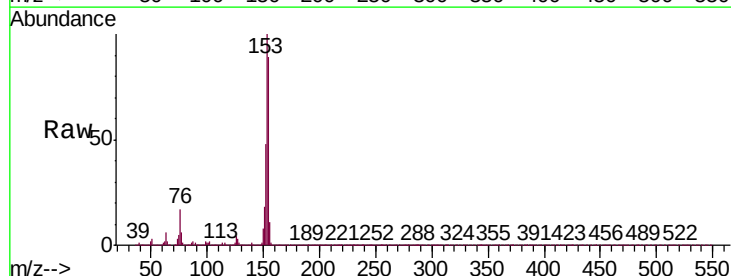
Instrument :
 BNA_P
 ClientSampleId :
 PB123133BS

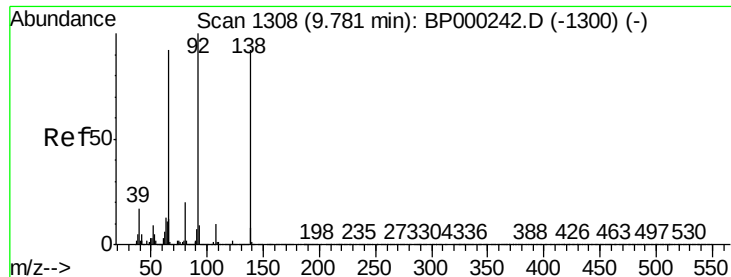
Tgt Ion	Ratio	Lower	Upper
165	100		
63	35.4	35.8	53.8#
89	44.7	42.6	63.8



#52
 Acenaphthene
 Concen: 39.404 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: BP000294.D
 Acq: 18 Sep 2019 13:51

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.9	89.8	134.6
152	53.2	43.4	65.0

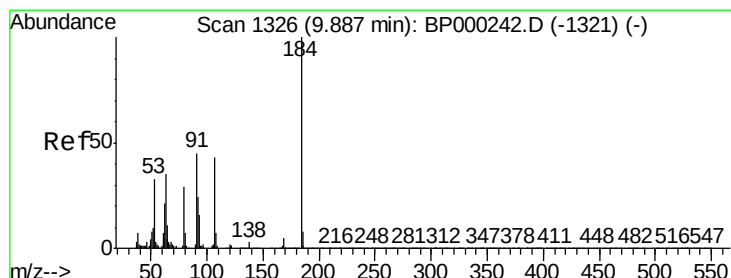
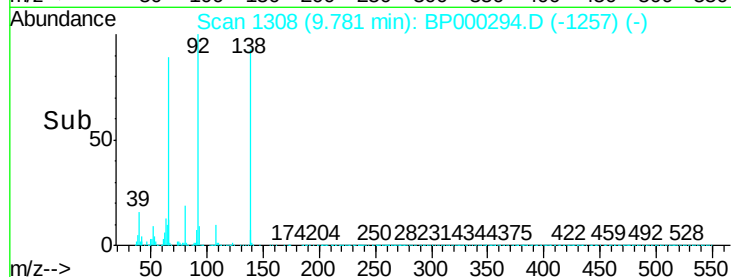
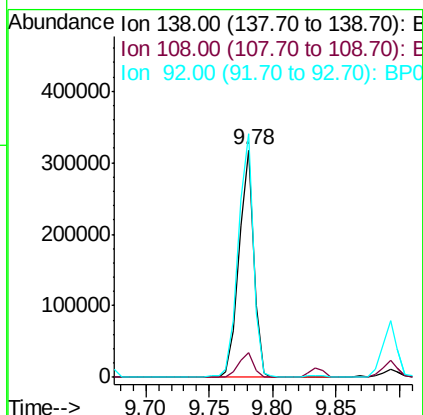
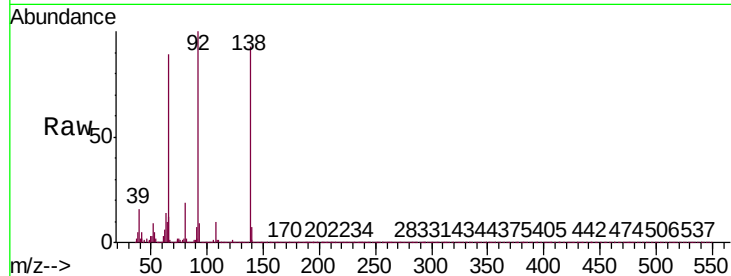




#53
3-Nitroaniline
Concen: 27.155 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.00 min
Lab File: BP000294.D
Acq: 18 Sep 2019 13:51

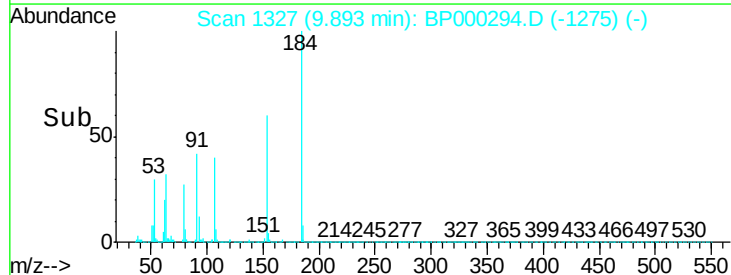
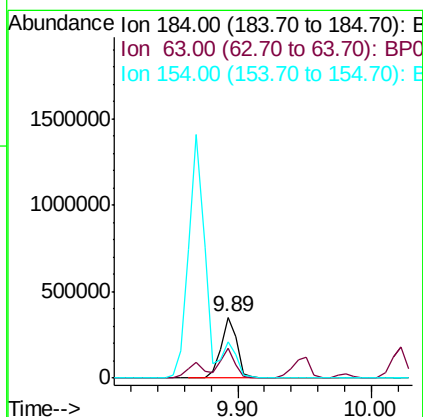
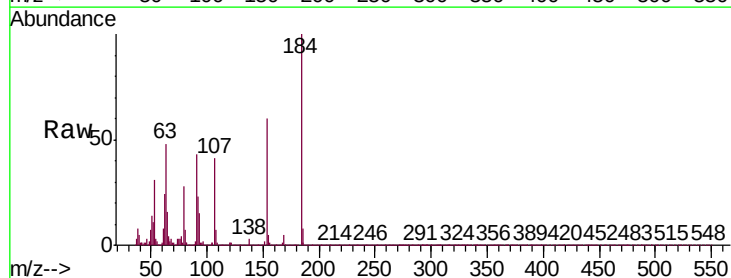
Instrument :
BNA_P
ClientSampleId :
PB123133BS

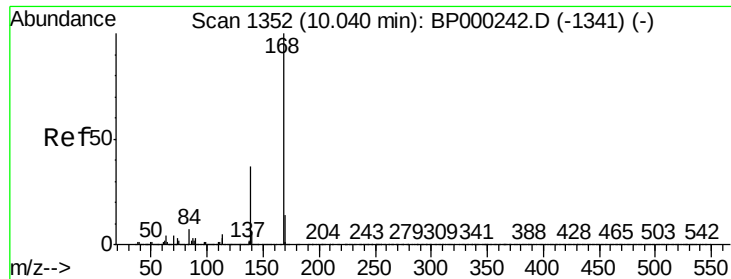
Tgt Ion:138 Resp: 251773
Ion Ratio Lower Upper
138 100
108 10.7 9.1 13.7
92 107.0 86.7 130.1



#54
2,4-Dinitrophenol
Concen: 85.394 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BP000294.D
Acq: 18 Sep 2019 13:51

Tgt Ion:184 Resp: 301355
Ion Ratio Lower Upper
184 100
63 48.3 39.5 59.3
154 60.0 48.8 73.2

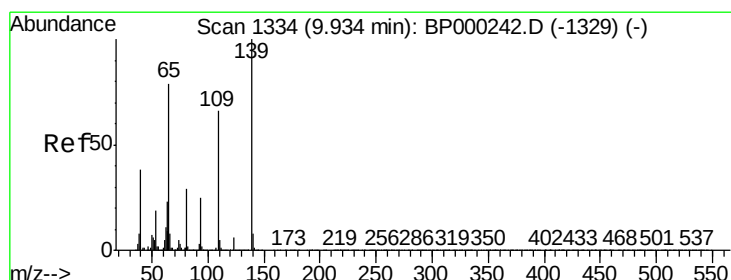
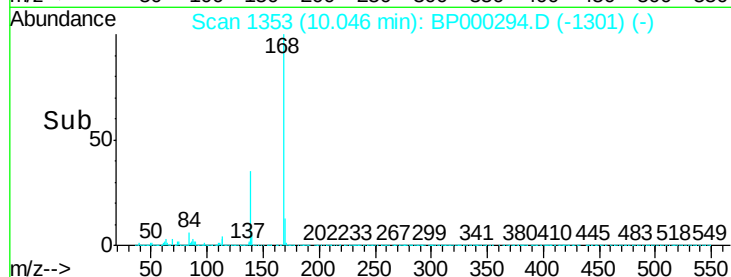
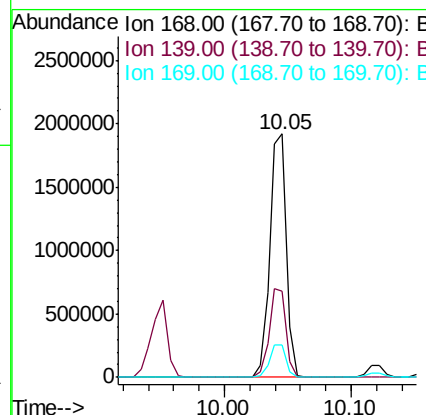
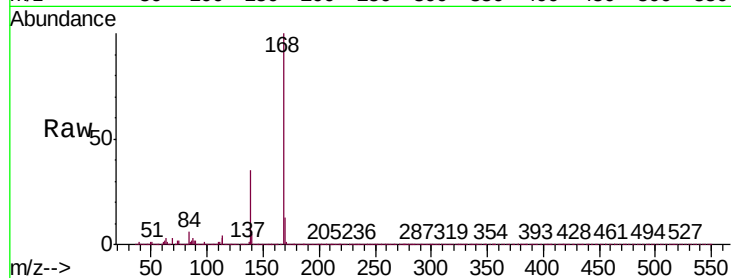




#55
Dibenzofuran
Concen: 42.148 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BP000294.D
Acq: 18 Sep 2019 13:51

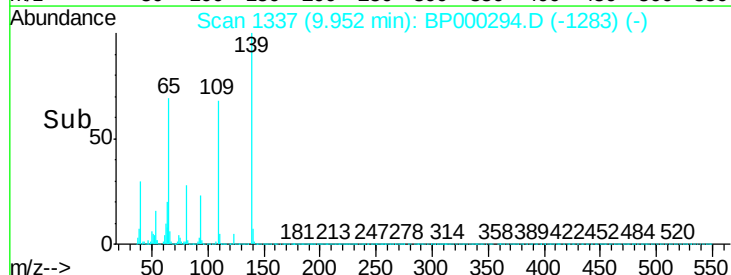
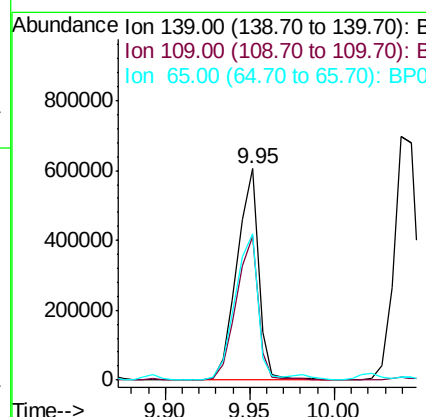
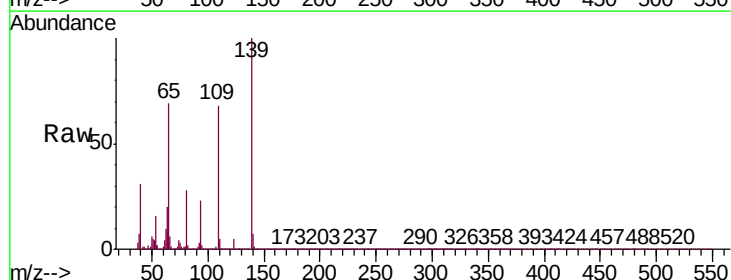
Instrument :
BNA_P
ClientSampleId :
PB123133BS

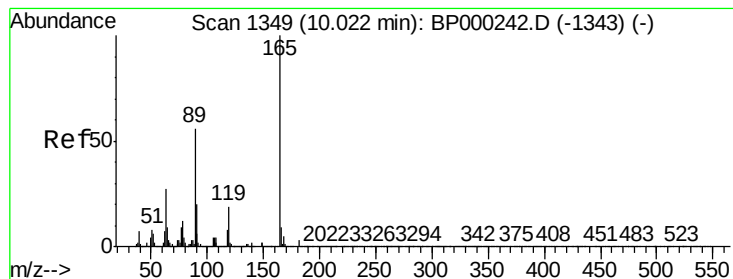
Tgt Ion:168 Resp: 1748861
Ion Ratio Lower Upper
168 100
139 35.3 30.0 45.0
169 13.3 11.0 16.6



#56
4-Nitrophenol
Concen: 78.441 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.02 min
Lab File: BP000294.D
Acq: 18 Sep 2019 13:51

Tgt Ion:139 Resp: 540928
Ion Ratio Lower Upper
139 100
109 67.8 46.2 86.2
65 69.1 59.4 99.4





#57

2,4-Dinitrotoluene

Concen: 41.973 ng

RT: 10.02 min Scan# 1349

Delta R.T. -0.00 min

Lab File: BP000294.D

Acq: 18 Sep 2019 13:51

Instrument :

BNA_P

ClientSampleId :

PB123133BS

Tgt Ion:165 Resp: 438296

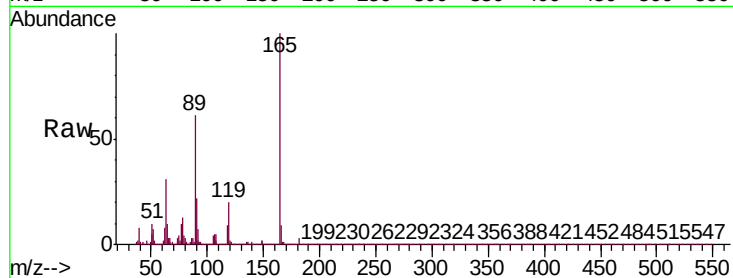
Ion Ratio Lower Upper

165 100

63 30.8 21.7 32.5

89 61.1 45.0 67.6

182 3.1 2.4 3.6

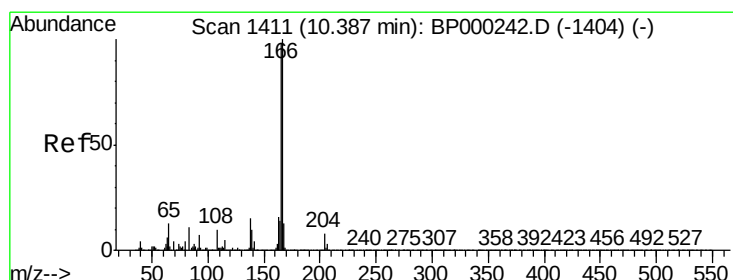
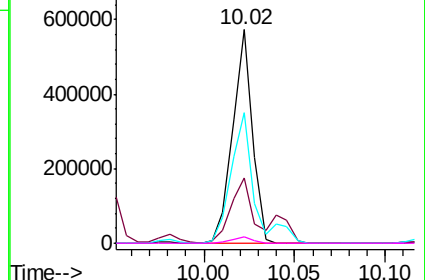
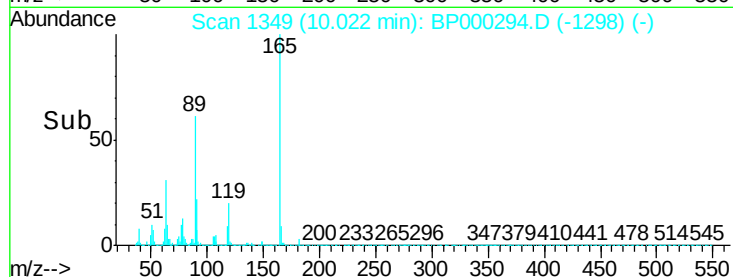


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 89.00 (88.70 to 89.70): BP0

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 41.529 ng

RT: 10.39 min Scan# 1411

Delta R.T. -0.00 min

Lab File: BP000294.D

Acq: 18 Sep 2019 13:51

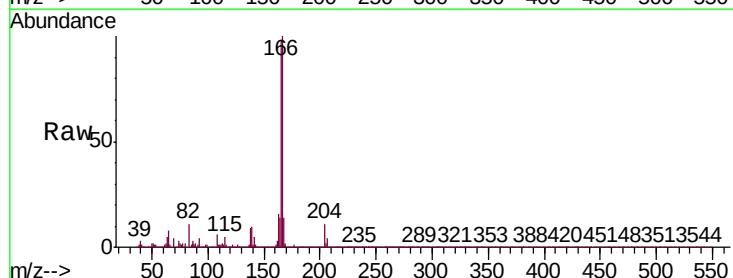
Tgt Ion:166 Resp: 1330962

Ion Ratio Lower Upper

166 100

165 97.7 78.2 117.2

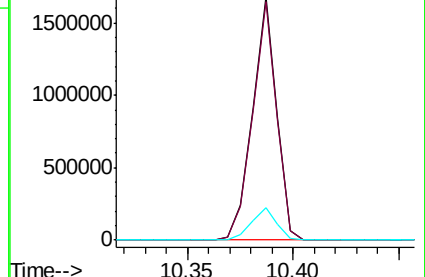
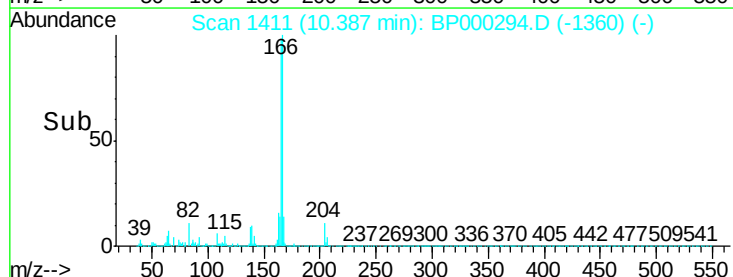
167 13.5 10.7 16.1

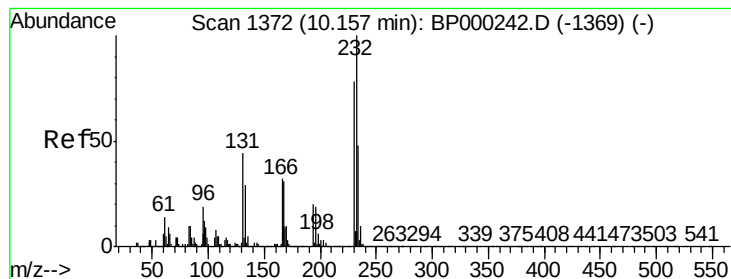


Abundance Ion 166.00 (165.70 to 166.70): E

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: 44.539 ng

RT: 10.16 min Scan# 1373

Delta R.T. 0.01 min

Lab File: BP000294.D

Acq: 18 Sep 2019 13:51

Instrument :

BNA_P

ClientSampleId :

PB123133BS

Tgt Ion:232 Resp: 395883

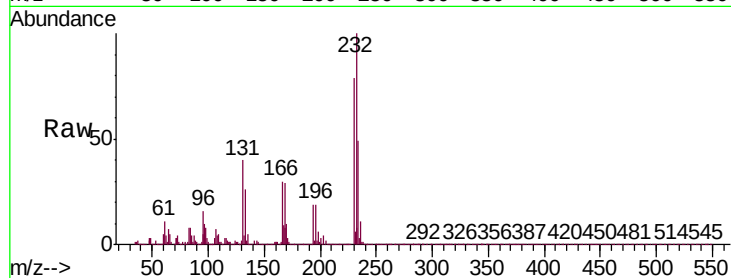
Ion Ratio Lower Upper

232 100

131 40.4 33.6 50.4

130 2.2 1.8 2.6

166 29.5 24.2 36.2

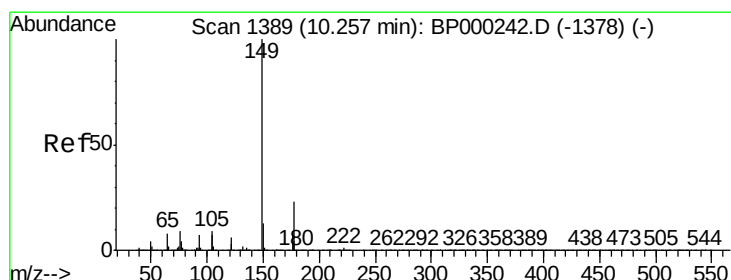
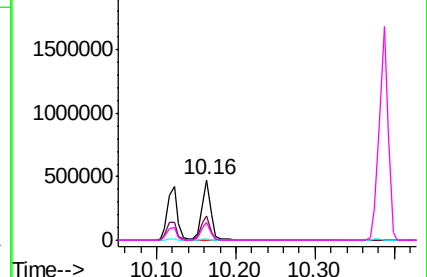
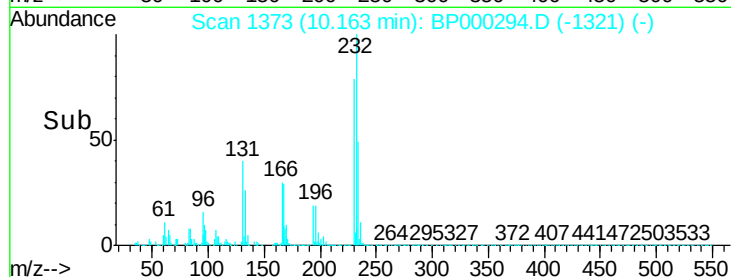


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 40.472 ng

RT: 10.26 min Scan# 1389

Delta R.T. -0.00 min

Lab File: BP000294.D

Acq: 18 Sep 2019 13:51

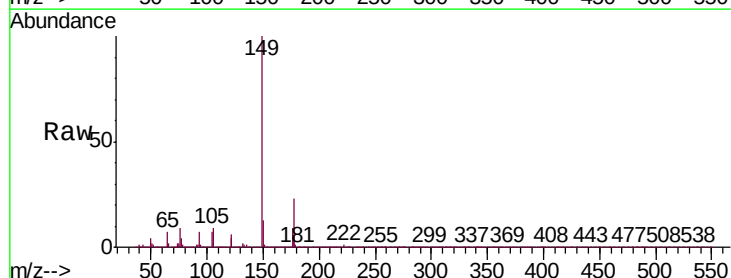
Tgt Ion:149 Resp: 1414348

Ion Ratio Lower Upper

149 100

177 22.8 18.1 27.1

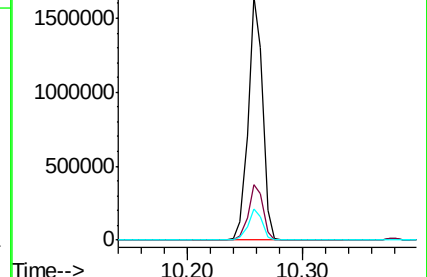
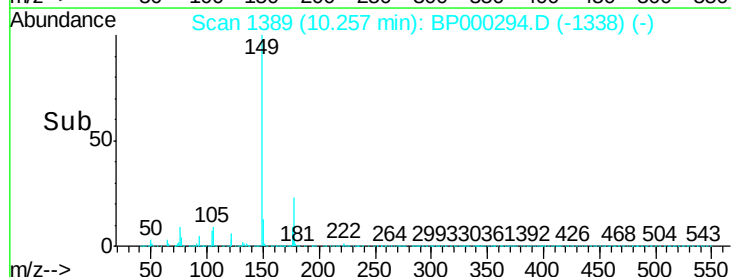
150 12.9 10.3 15.5

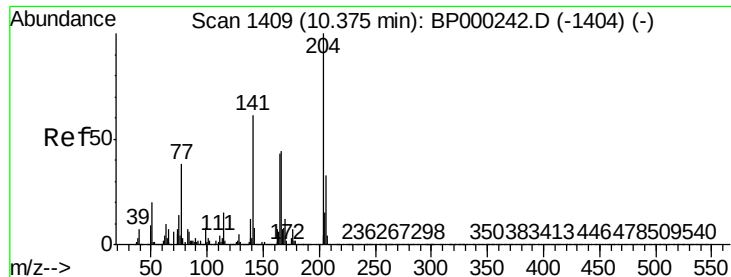


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

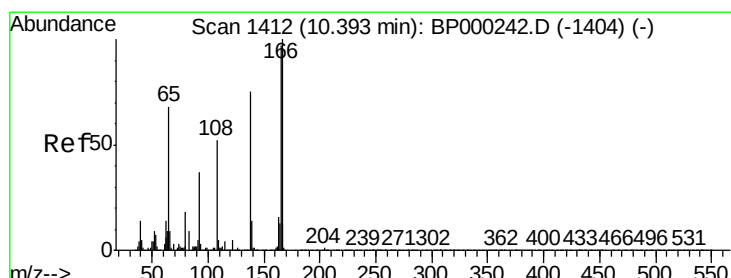
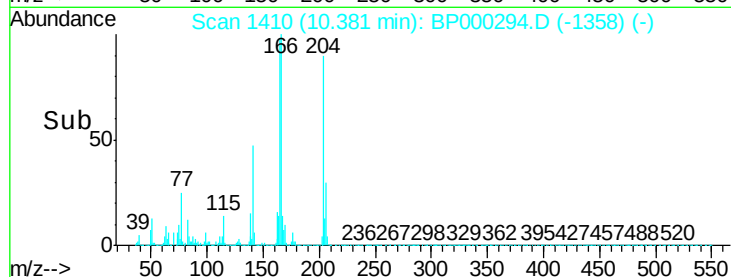
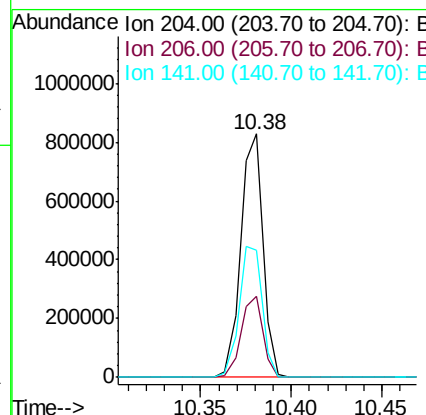
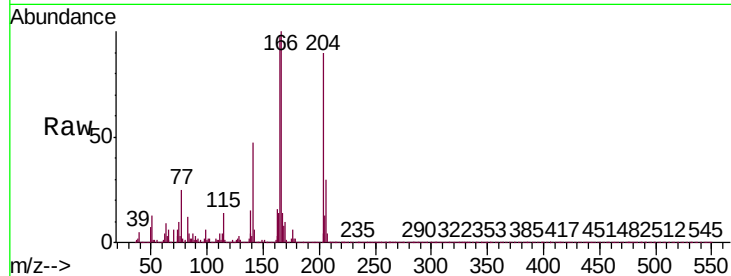




#61
4-Chlorophenyl-phenylether
Concen: 42.725 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.01 min
Lab File: BP000294.D
Acq: 18 Sep 2019 13:51

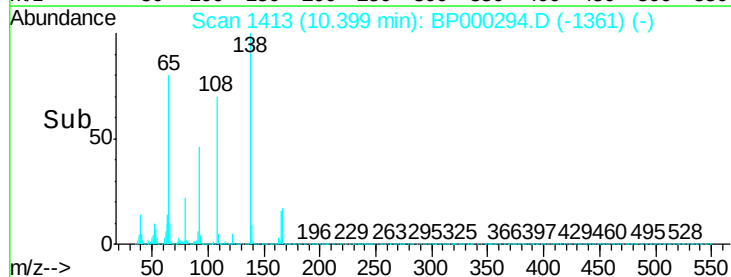
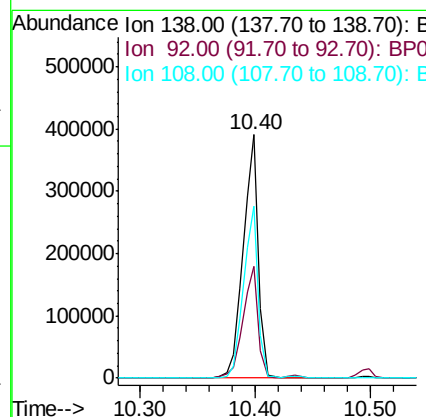
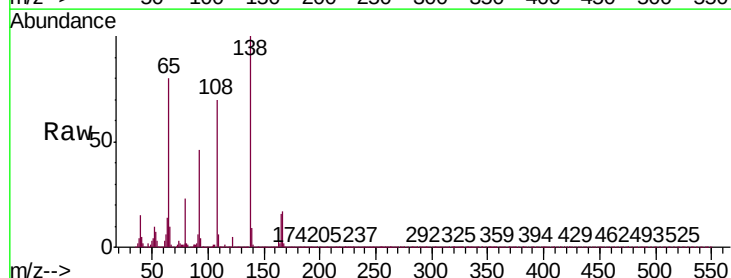
Instrument :
BNA_P
ClientSampleId :
PB123133BS

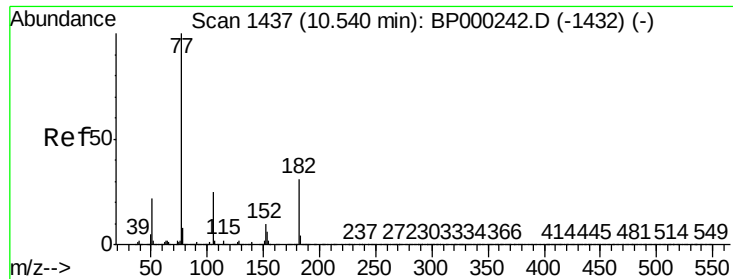
Tgt Ion: 204 Resp: 702877
Ion Ratio Lower Upper
204 100
206 33.3 26.3 39.5
141 52.4 48.6 72.8



#62
4-Nitroaniline
Concen: 38.819 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.01 min
Lab File: BP000294.D
Acq: 18 Sep 2019 13:51

Tgt Ion: 138 Resp: 354009
Ion Ratio Lower Upper
138 100
92 45.9 30.1 70.1
108 70.4 49.5 89.5

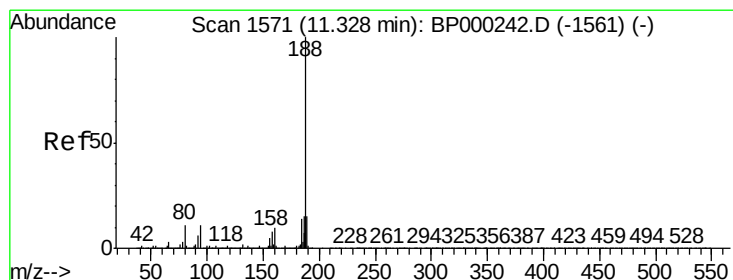
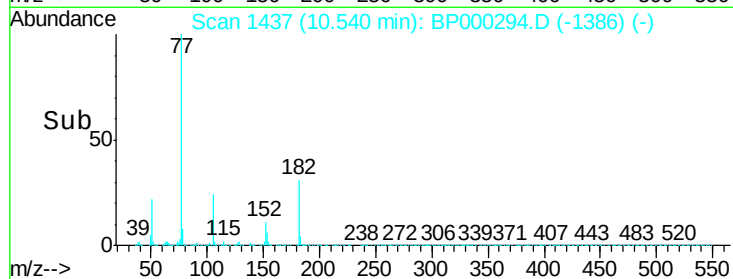
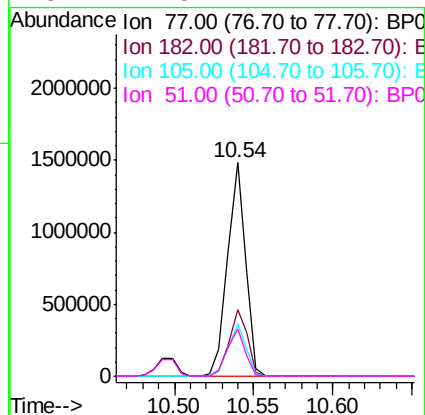
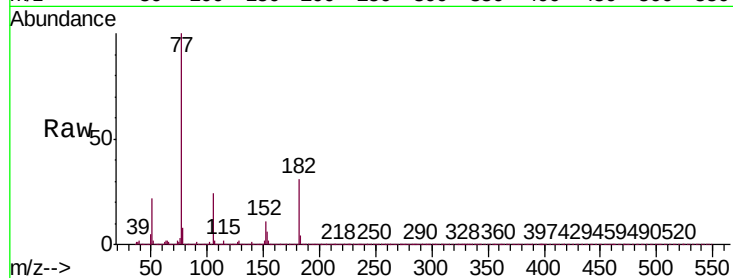




#63
Azobenzene
Concen: 39.224 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BP000294.D
Acq: 18 Sep 2019 13:51

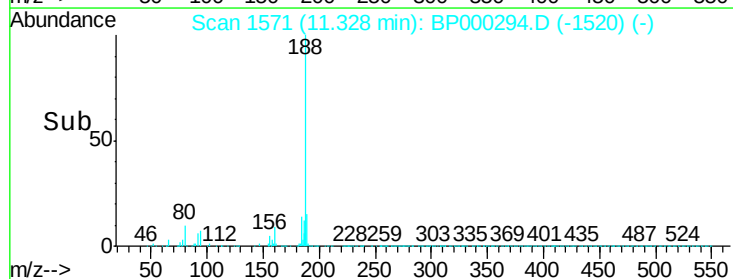
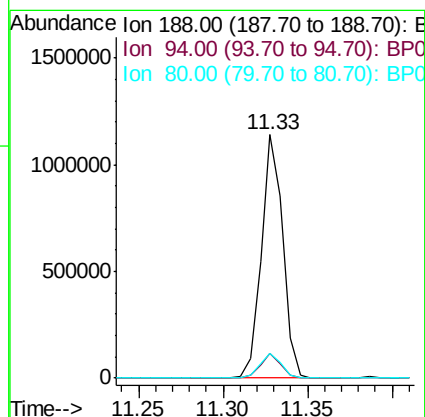
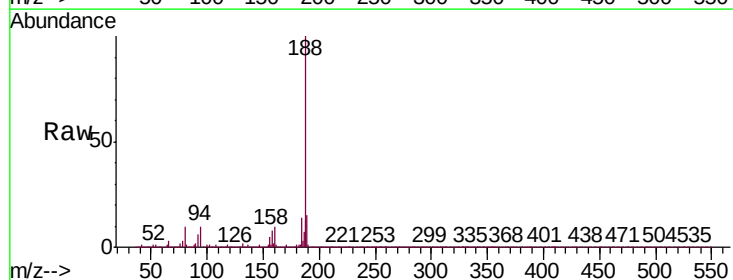
Instrument :
BNA_P
ClientSampleId :
PB123133BS

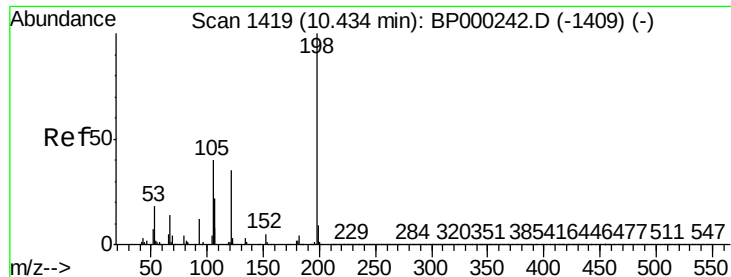
Tgt Ion: 77 Resp: 1161302
Ion Ratio Lower Upper
77 100
182 31.4 11.1 51.1
105 24.4 4.7 44.7
51 22.3 2.2 42.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BP000294.D
Acq: 18 Sep 2019 13:51

Tgt Ion: 188 Resp: 1006450
Ion Ratio Lower Upper
188 100
94 10.0 8.5 12.7
80 10.4 8.6 13.0

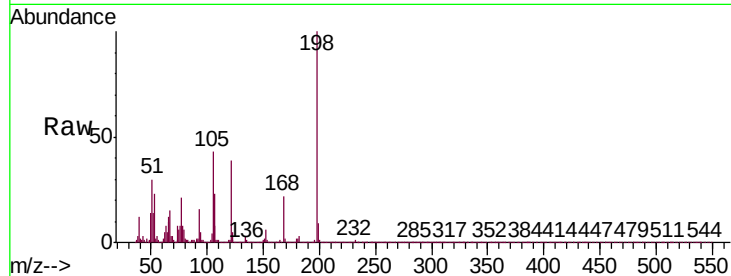




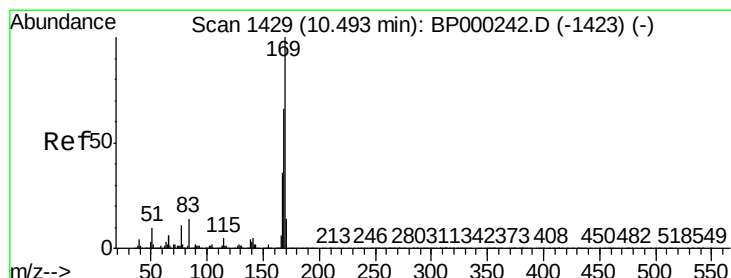
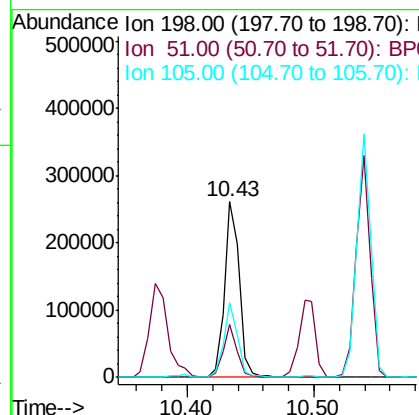
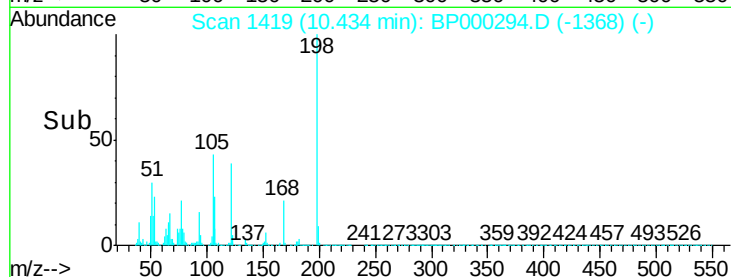
#65
4,6-Dinitro-2-methylphenol
Concen: 45.529 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.00 min
Lab File: BP000294.D
Acq: 18 Sep 2019 13:51

Instrument :
BNA_P
ClientSampleId :
PB123133BS

Tgt Ion:198 Resp: 215460
Ion Ratio Lower Upper
198 100
51 29.9 7.4 47.4
105 42.6 20.2 60.2

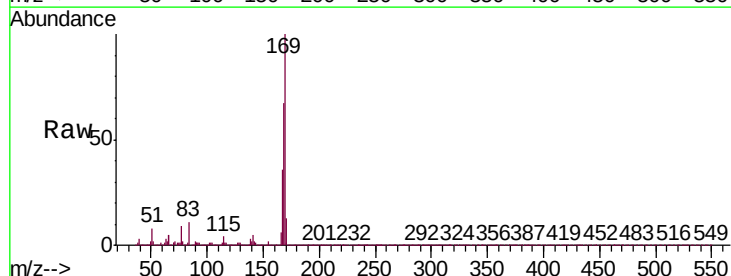


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BPO
Ion 105.00 (104.70 to 105.70): E

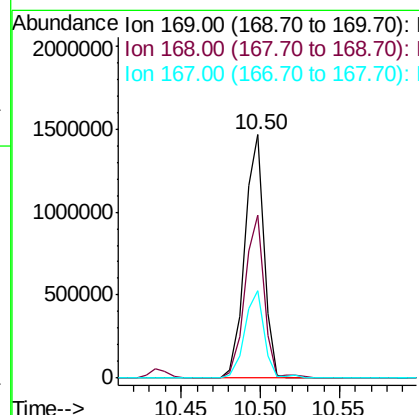
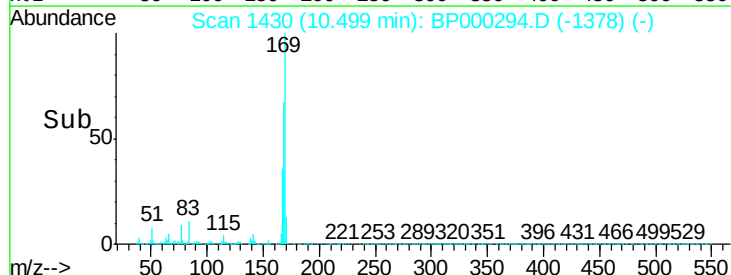


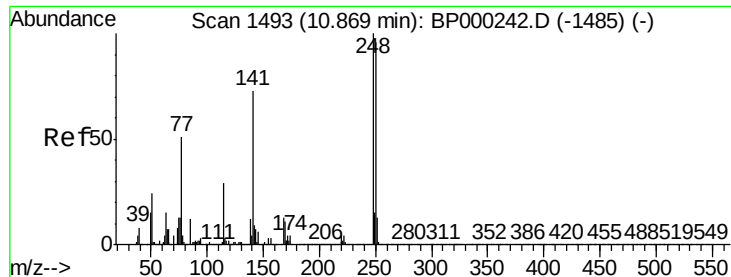
#66
n-Nitrosodiphenylamine
Concen: 40.299 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BP000294.D
Acq: 18 Sep 2019 13:51

Tgt Ion:169 Resp: 1220978
Ion Ratio Lower Upper
169 100
168 67.0 52.9 79.3
167 36.1 29.0 43.6



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

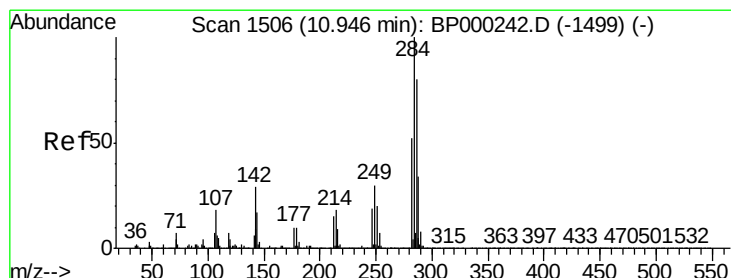
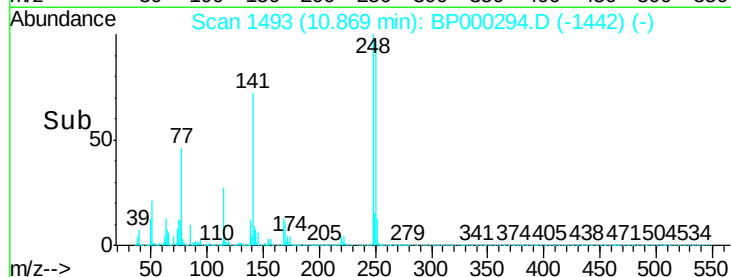
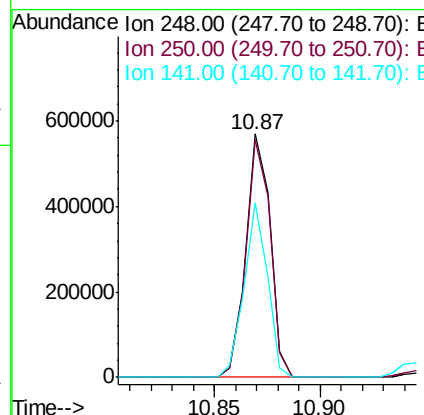
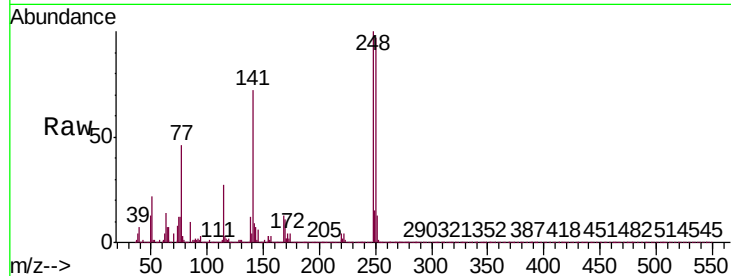




#67
4-Bromophenyl-phenylether
Concen: 39.880 ng
RT: 10.87 min Scan# 1493
Delta R.T. -0.00 min
Lab File: BP000294.D
Acq: 18 Sep 2019 13:51

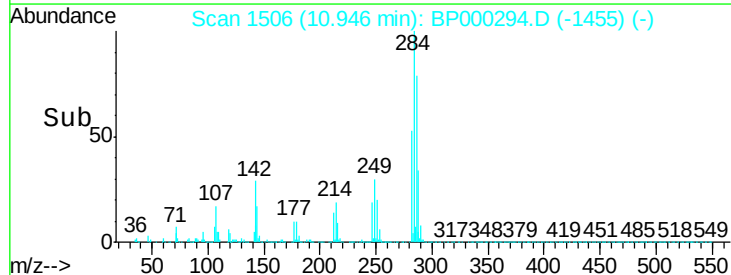
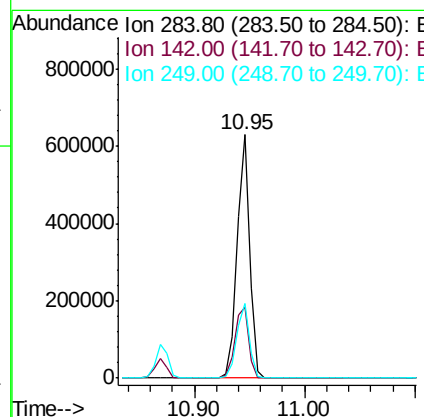
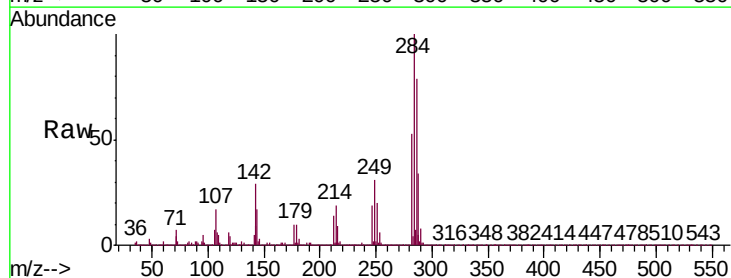
Instrument :
BNA_P
ClientSampleId :
PB123133BS

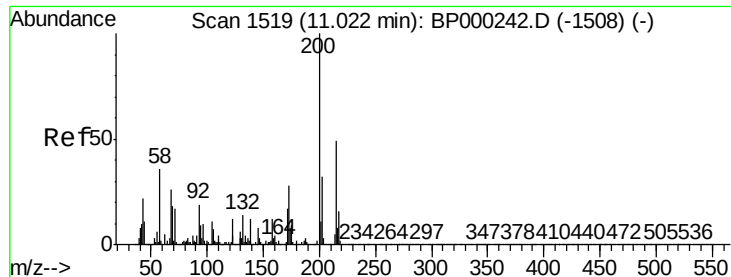
Tgt Ion: 248 Resp: 453871
Ion Ratio Lower Upper
248 100
250 97.3 77.0 115.4
141 71.6 58.5 87.7



#68
Hexachlorobenzene
Concen: 40.152 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BP000294.D
Acq: 18 Sep 2019 13:51

Tgt Ion: 284 Resp: 499578
Ion Ratio Lower Upper
284 100
142 29.2 23.6 35.4
249 30.5 24.3 36.5





#69

Atrazine

Concen: 51.674 ng

RT: 11.03 min Scan# 1520

Delta R.T. 0.01 min

Lab File: BP000294.D

Acq: 18 Sep 2019 13:51

Instrument :

BNA_P

ClientSampleId :

PB123133BS

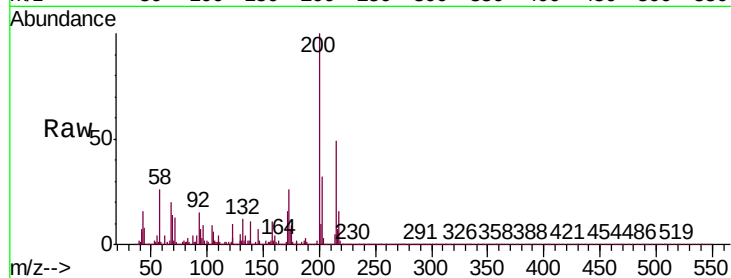
Tgt Ion:200 Resp: 396116

Ion Ratio Lower Upper

200 100

173 26.1 7.6 47.6

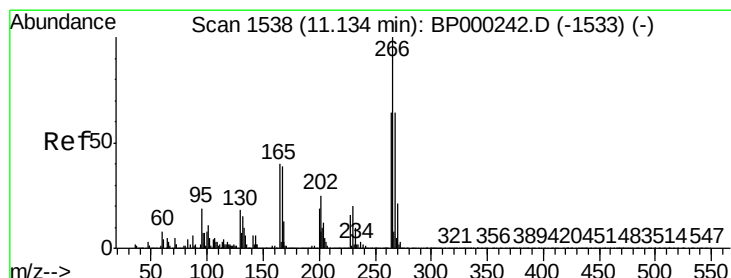
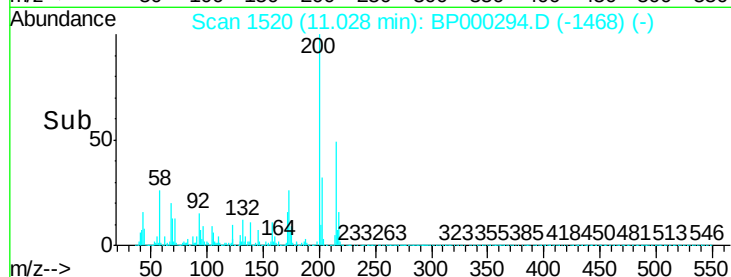
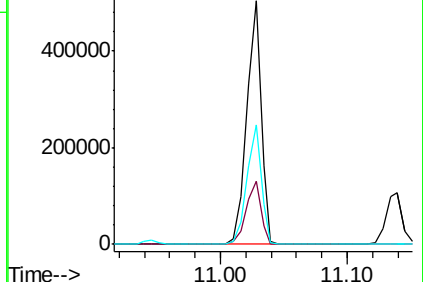
215 49.2 28.6 68.6



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: 83.013 ng

RT: 11.14 min Scan# 1539

Delta R.T. 0.01 min

Lab File: BP000294.D

Acq: 18 Sep 2019 13:51

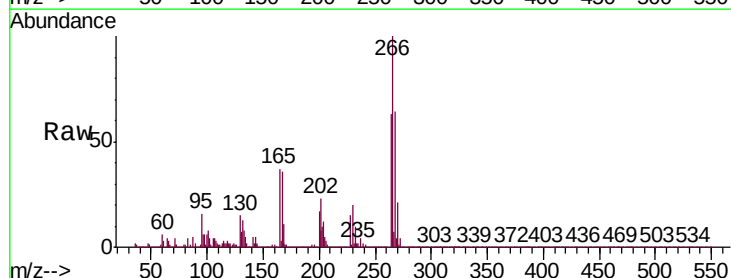
Tgt Ion:266 Resp: 562535

Ion Ratio Lower Upper

266 100

268 64.1 51.6 77.4

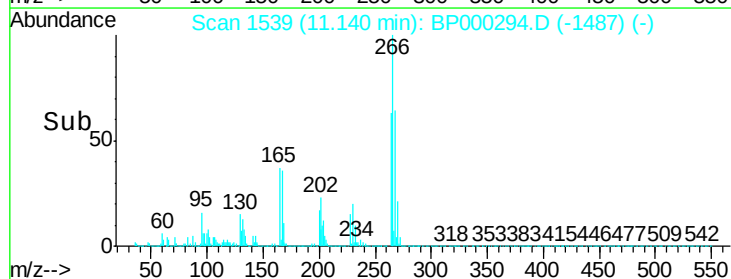
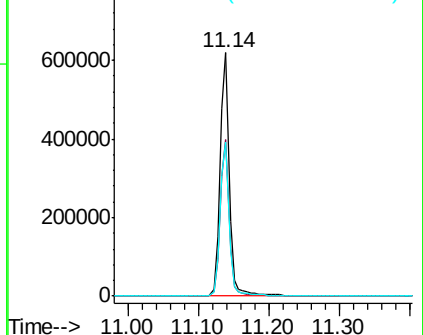
264 63.0 50.8 76.2

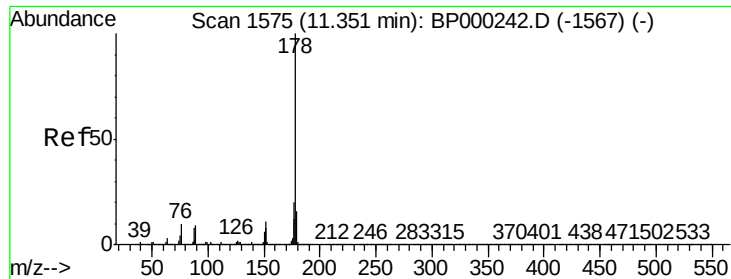


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 40.836 ng

RT: 11.36 min Scan# 1576

Delta R.T. 0.01 min

Lab File: BP000294.D

Acq: 18 Sep 2019 13:51

Instrument :

BNA_P

ClientSampleId :

PB123133BS

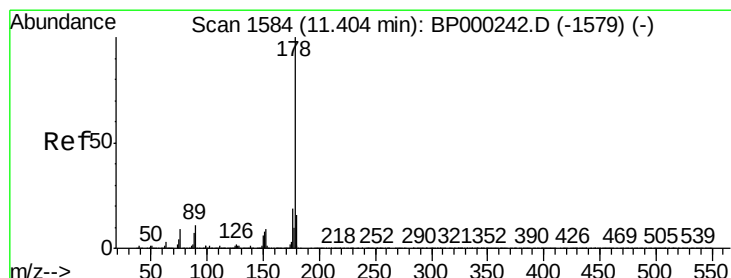
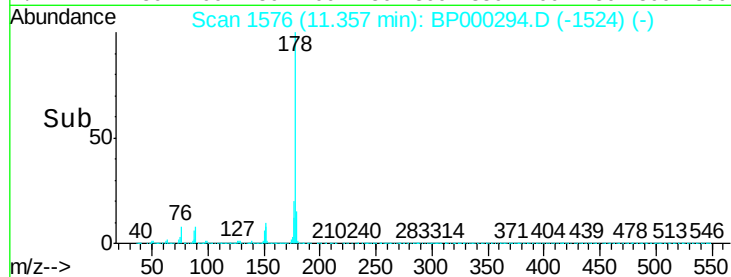
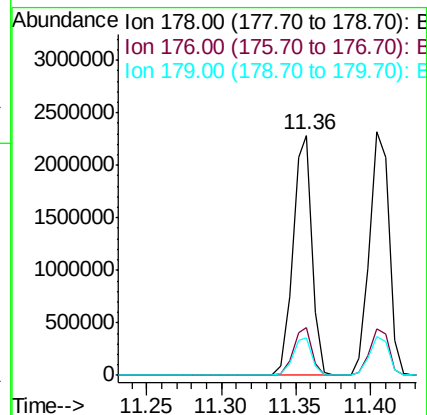
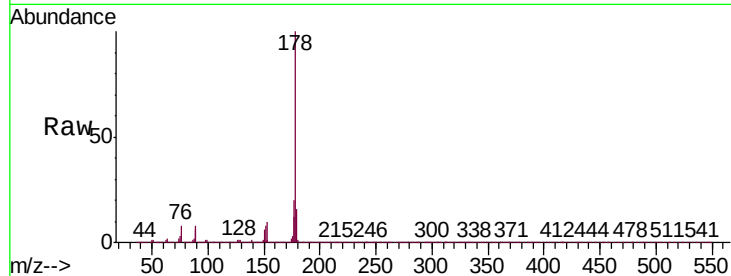
Tgt Ion:178 Resp: 2059573

Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.8

179 15.5 12.7 19.1



#72

Anthracene

Concen: 40.445 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.00 min

Lab File: BP000294.D

Acq: 18 Sep 2019 13:51

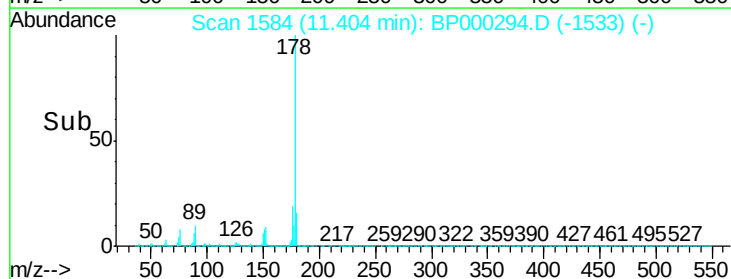
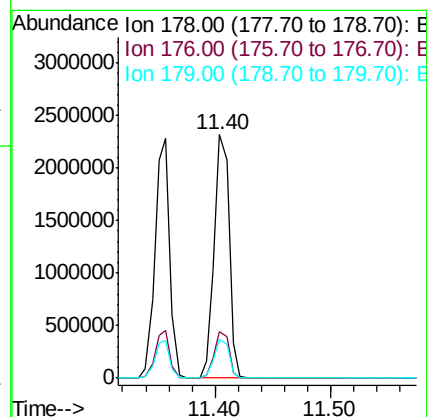
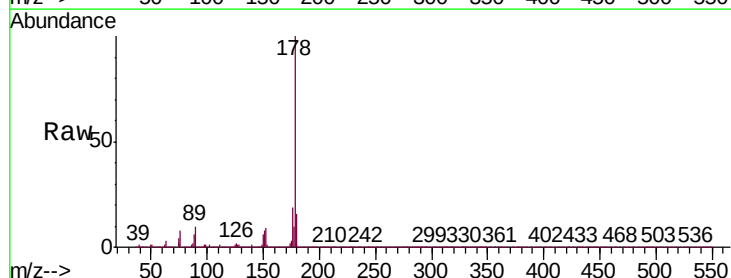
Tgt Ion:178 Resp: 2099653

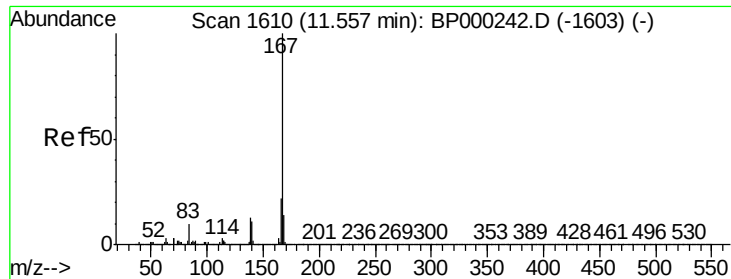
Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.0

179 16.0 12.7 19.1

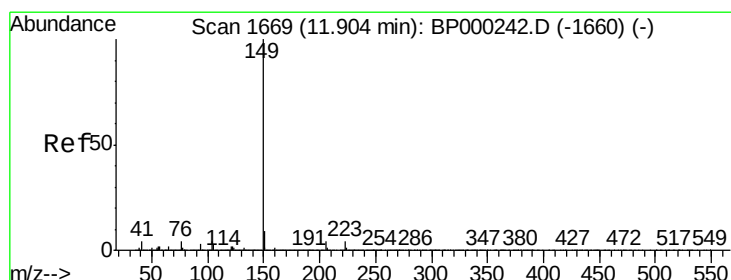
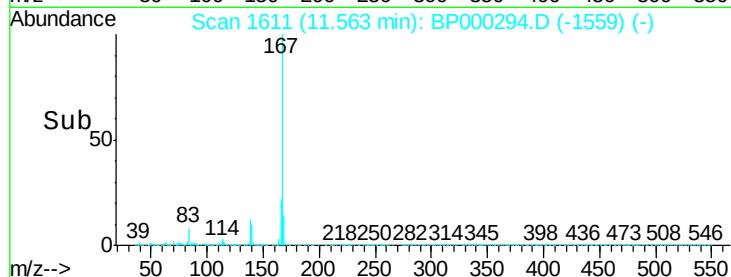
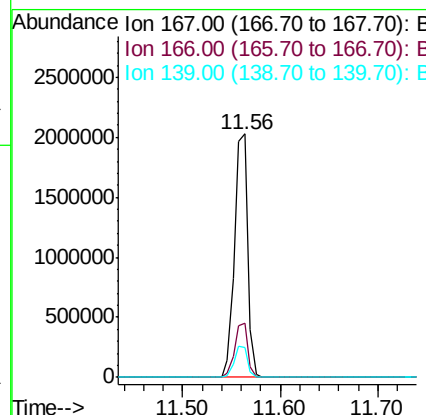
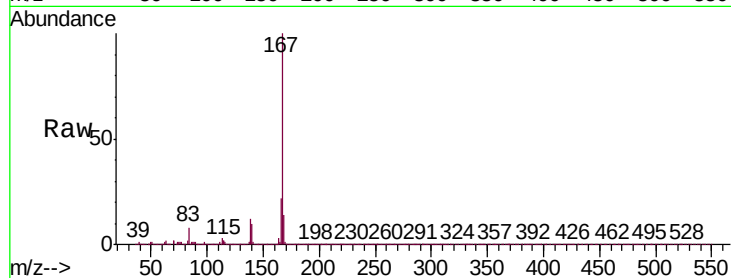




#73
 Carbazole
 Concen: 40.827 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. 0.01 min
 Lab File: BP000294.D
 Acq: 18 Sep 2019 13:51

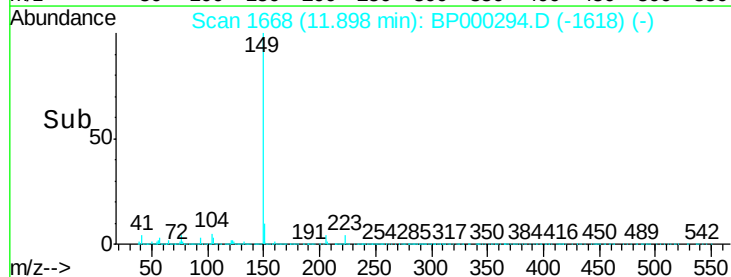
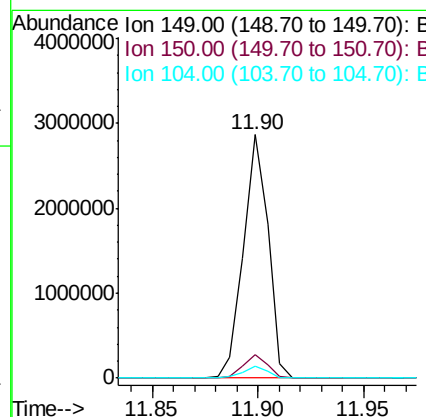
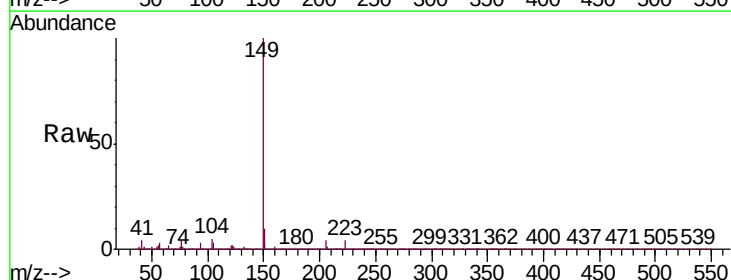
Instrument :
 BNA_P
 ClientSampleId :
 PB123133BS

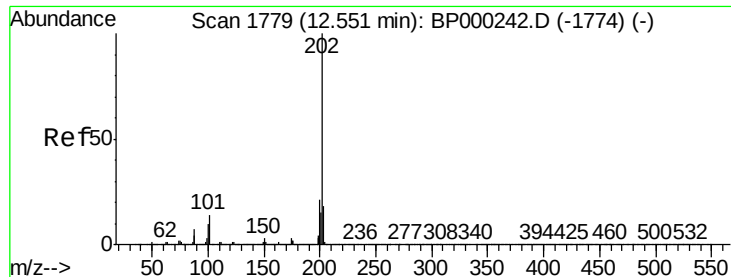
Tgt Ion:167 Resp: 1908760
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.8 26.8
 139 12.3 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 38.882 ng
 RT: 11.90 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BP000294.D
 Acq: 18 Sep 2019 13:51

Tgt Ion:149 Resp: 2300921
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.4 11.2
 104 4.9 3.5 5.3





#75

Fluoranthene

Concen: 42.939 ng

RT: 12.55 min Scan# 1779

Delta R.T. -0.00 min

Lab File: BP000294.D

Acq: 18 Sep 2019 13:51

Instrument :

BNA_P

ClientSampleId :

PB123133BS

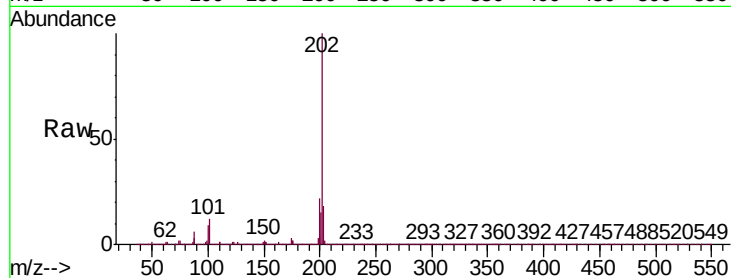
Tgt Ion:202 Resp: 2325464

Ion Ratio Lower Upper

202 100

101 11.9 0.0 33.9

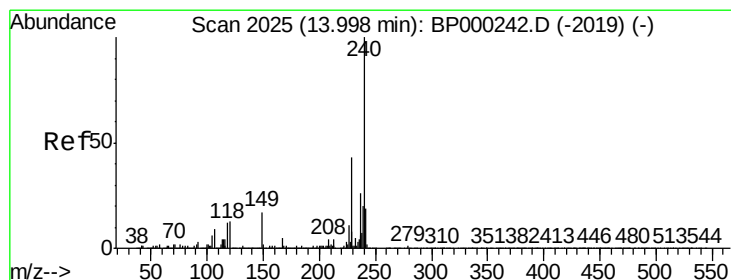
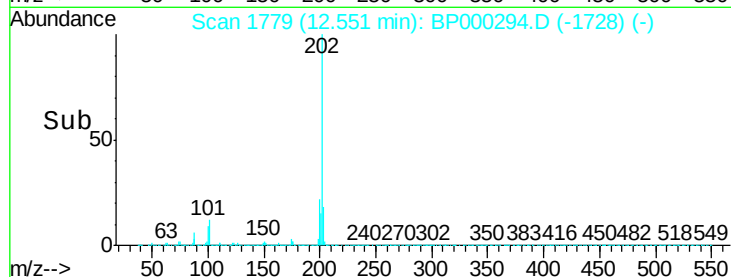
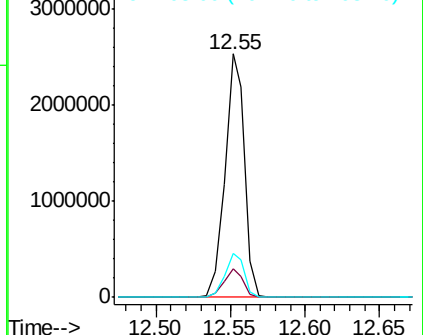
203 18.2 0.0 38.0



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: 14.00 min Scan# 2025

Delta R.T. -0.00 min

Lab File: BP000294.D

Acq: 18 Sep 2019 13:51

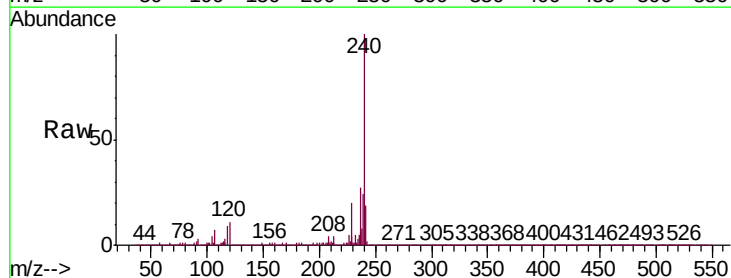
Tgt Ion:240 Resp: 819343

Ion Ratio Lower Upper

240 100

120 10.6 10.4 15.6

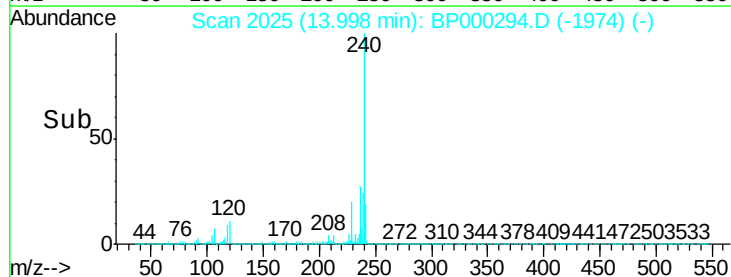
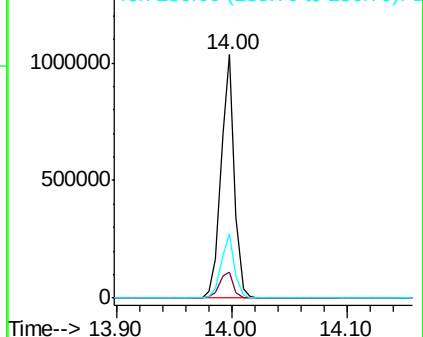
236 26.5 21.0 31.6

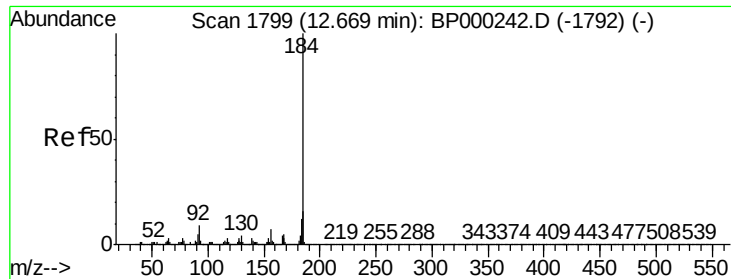


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 34.201 ng

RT: 12.67 min Scan# 1799

Delta R.T. -0.00 min

Lab File: BP000294.D

Acq: 18 Sep 2019 13:51

Instrument :

BNA_P

ClientSampleId :

PB123133BS

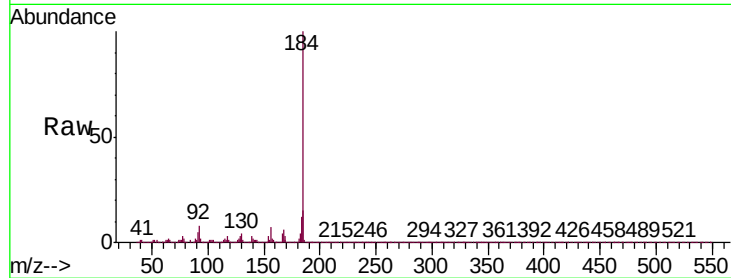
Tgt Ion:184 Resp: 1000785

Ion Ratio Lower Upper

184 100

185 15.0 12.7 19.1

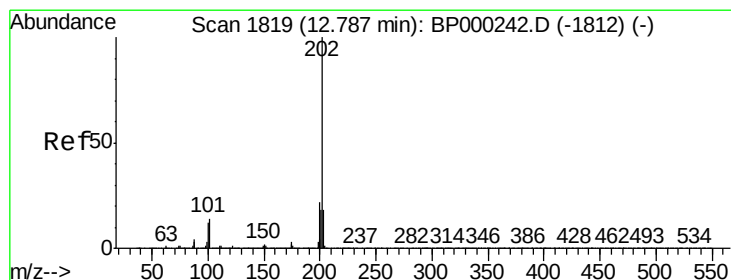
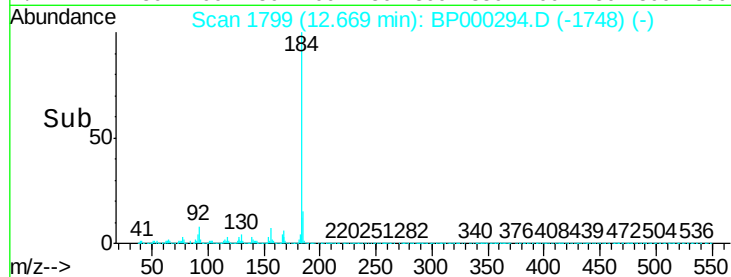
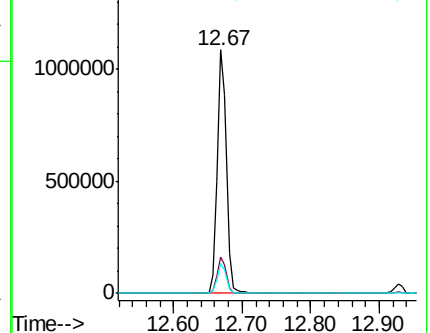
183 12.3 9.5 14.3



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: 38.568 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.00 min

Lab File: BP000294.D

Acq: 18 Sep 2019 13:51

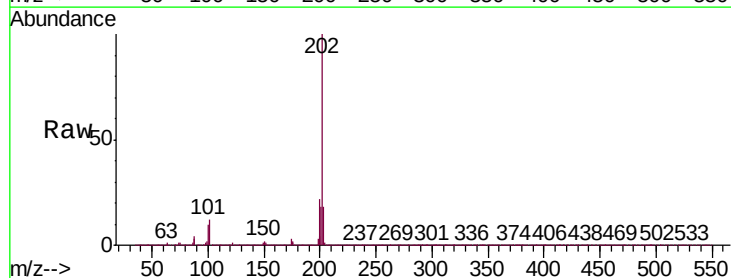
Tgt Ion:202 Resp: 2364216

Ion Ratio Lower Upper

202 100

200 21.7 17.5 26.3

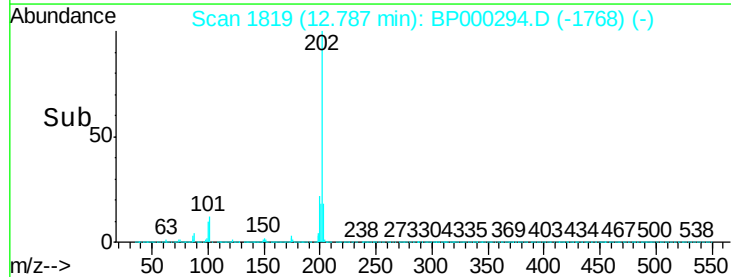
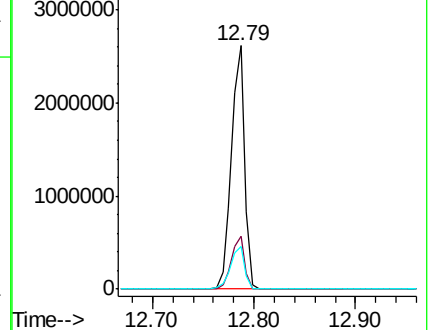
203 17.7 14.3 21.5

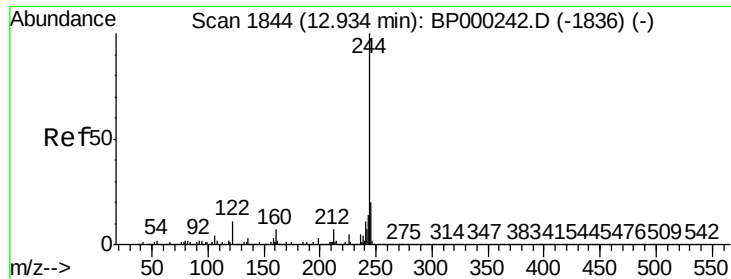


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

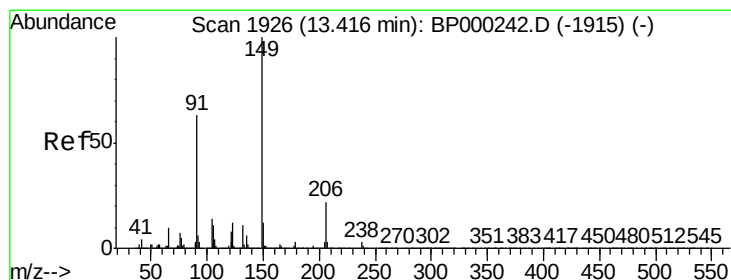
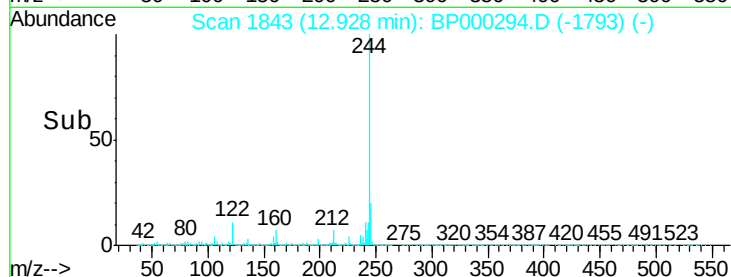
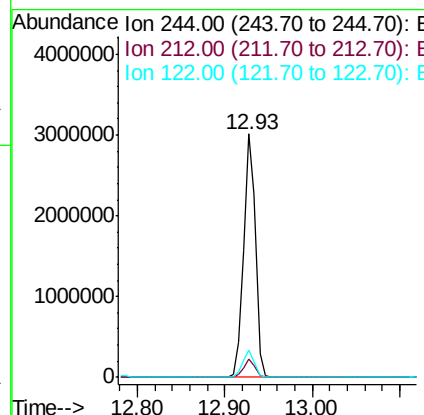
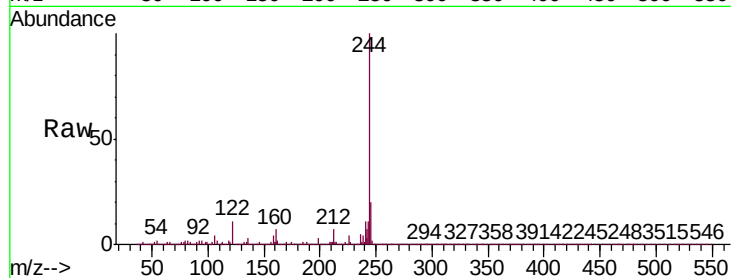




#79
 Terphenyl-d14
 Concen: 69.285 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: BP000294.D
 Acq: 18 Sep 2019 13:51

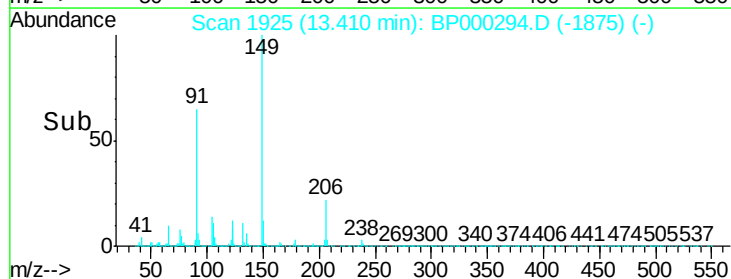
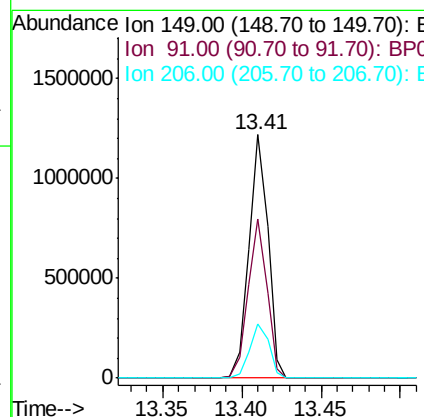
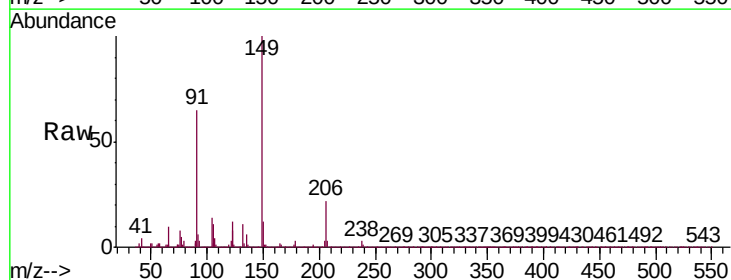
Instrument :
 BNA_P
 ClientSampleId :
 PB123133BS

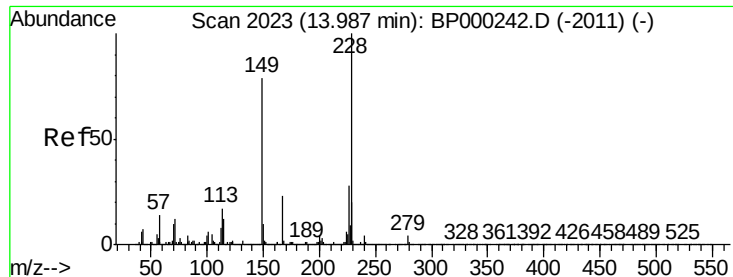
Tgt Ion:244 Resp: 2706042
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 11.1 9.0 13.4



#80
 Butylbenzylphthalate
 Concen: 35.939 ng
 RT: 13.41 min Scan# 1925
 Delta R.T. -0.01 min
 Lab File: BP000294.D
 Acq: 18 Sep 2019 13:51

Tgt Ion:149 Resp: 1012288
 Ion Ratio Lower Upper
 149 100
 91 65.4 50.6 76.0
 206 22.4 17.8 26.6





#81

Benzo(a)anthracene

Concen: 39.170 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.00 min

Lab File: BP000294.D

Acq: 18 Sep 2019 13:51

Instrument :

BNA_P

ClientSampleId :

PB123133BS

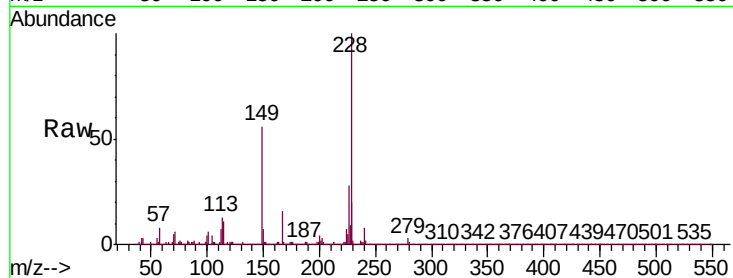
Tgt Ion:228 Resp: 2027272

Ion Ratio Lower Upper

228 100

226 27.7 22.2 33.4

229 20.0 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

3000000 Ion 226.00 (225.70 to 226.70): E

2500000 Ion 229.00 (228.70 to 229.70): E

2000000

1500000

1000000

500000

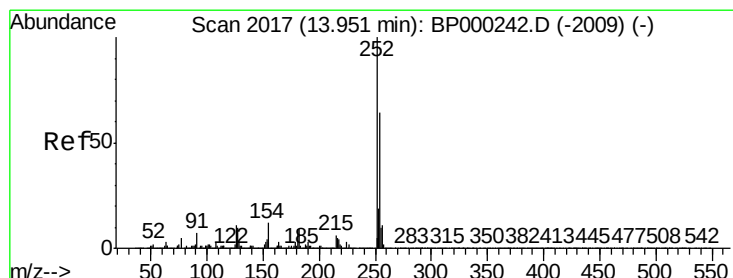
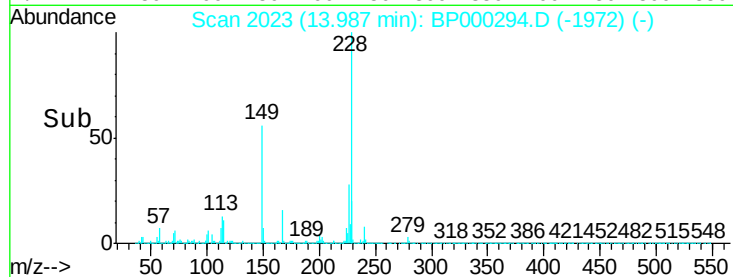
0

13.99

13.95

14.00

Time-->



#82

3,3'-Dichlorobenzidine

Concen: 33.250 ng

RT: 13.95 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BP000294.D

Acq: 18 Sep 2019 13:51

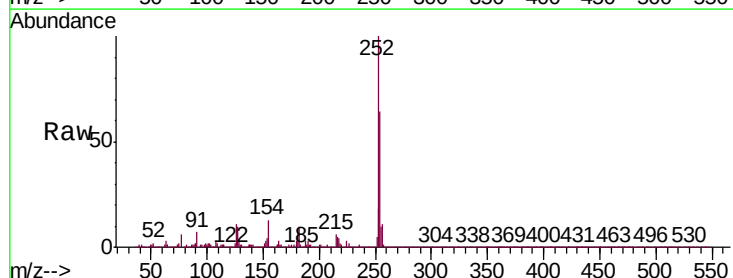
Tgt Ion:252 Resp: 691612

Ion Ratio Lower Upper

252 100

254 63.8 51.5 77.3

126 10.7 8.4 12.6



Abundance Ion 252.00 (251.70 to 252.70): E

1200000 Ion 254.00 (253.70 to 254.70): E

1000000 Ion 126.00 (125.70 to 126.70): E

800000

600000

400000

200000

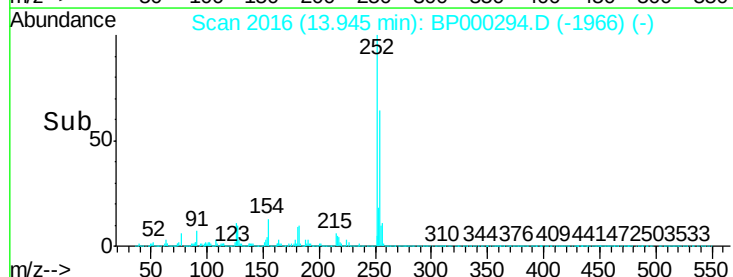
0

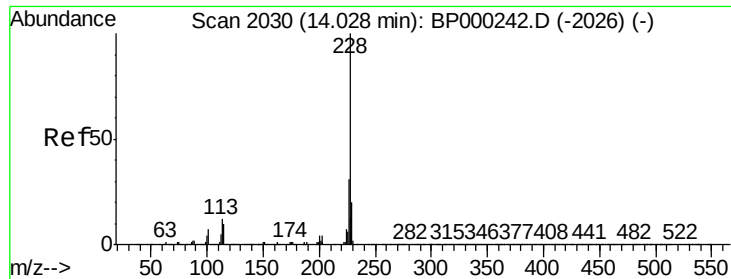
13.95

13.90

14.00

Time-->





#83

Chrysene

Concen: 39.589 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BP000294.D

Acq: 18 Sep 2019 13:51

Instrument :

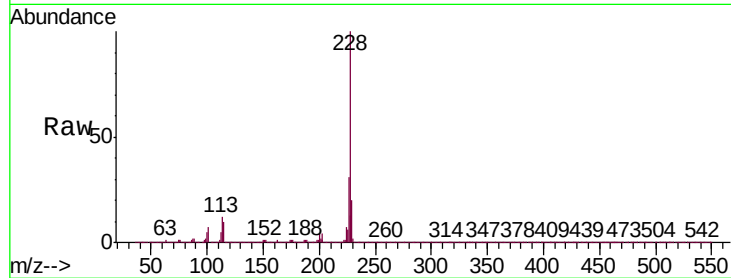
BNA_P

ClientSampleId :

PB123133BS

Tgt Ion:228 Resp: 2011806

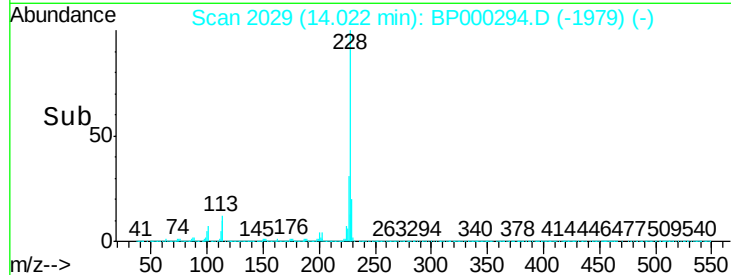
Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.9	37.3
229	20.5	16.2	24.2



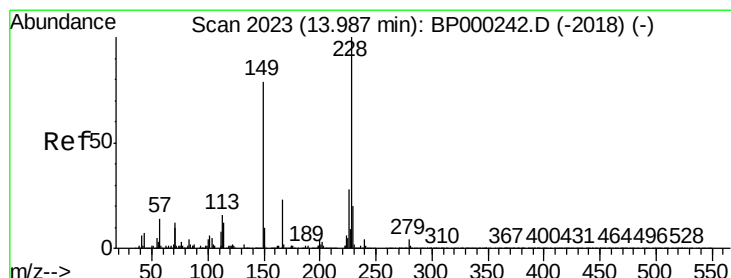
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.013 ng

RT: 13.98 min Scan# 2022

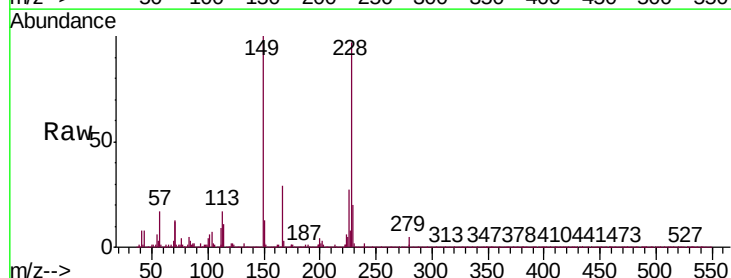
Delta R.T. -0.01 min

Lab File: BP000294.D

Acq: 18 Sep 2019 13:51

Tgt Ion:149 Resp: 1319147

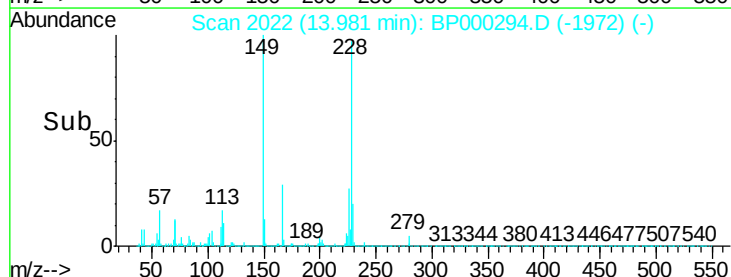
Ion	Ratio	Lower	Upper
149	100		
167	28.8	23.0	34.4
279	4.8	3.7	5.5



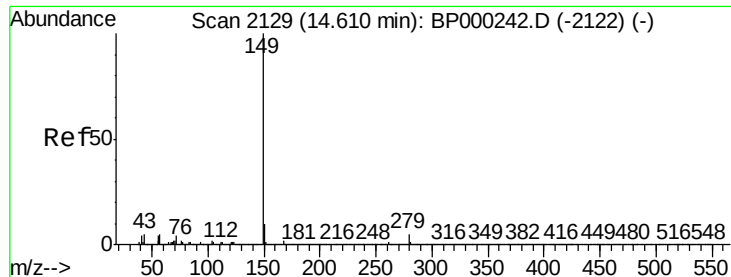
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#85

Di-n-octyl phthalate

Concen: 38.411 ng

RT: 14.60 min Scan# 2127

Delta R.T. -0.01 min

Lab File: BP000294.D

Acq: 18 Sep 2019 13:51

Instrument :

BNA_P

ClientSampleId :

PB123133BS

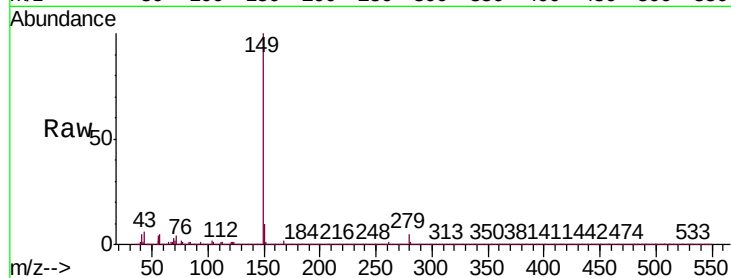
Tgt Ion:149 Resp: 2407125

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

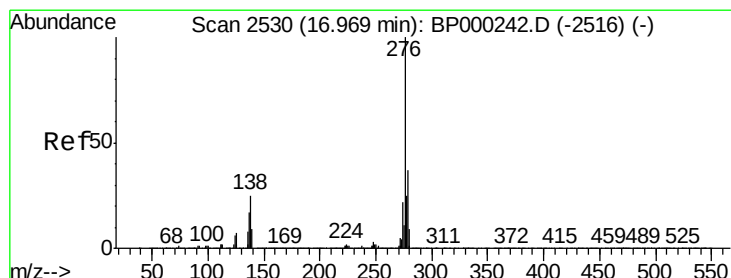
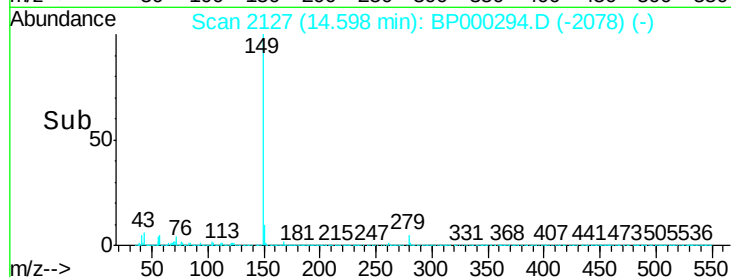
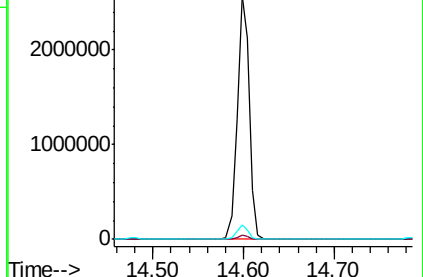
43 5.5 5.0 7.6



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): BP0



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.262 ng

RT: 16.97 min Scan# 2531

Delta R.T. 0.01 min

Lab File: BP000294.D

Acq: 18 Sep 2019 13:51

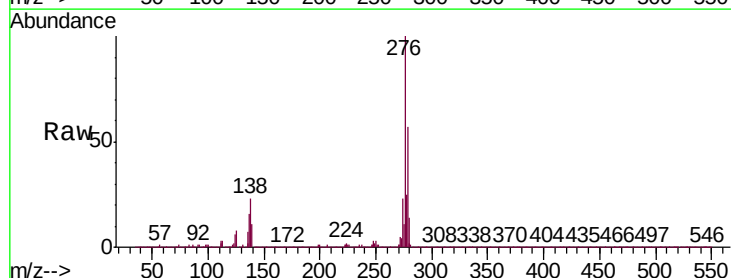
Tgt Ion:276 Resp: 2431967

Ion Ratio Lower Upper

276 100

138 24.3 22.6 33.8

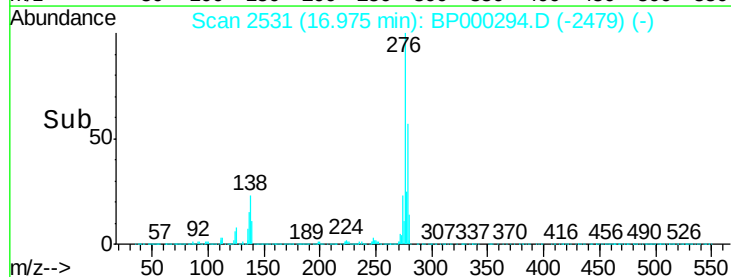
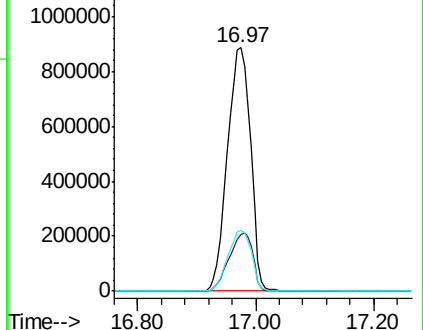
277 25.5 20.4 30.6

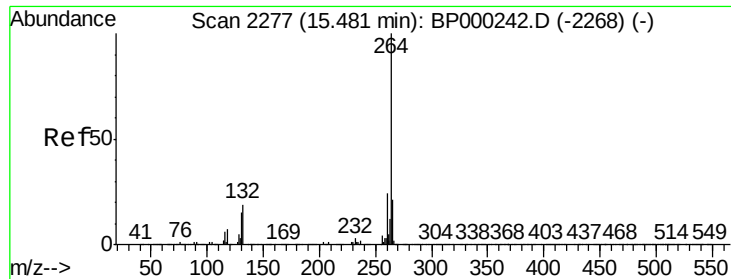


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2276

Delta R.T. -0.01 min

Lab File: BP000294.D

Acq: 18 Sep 2019 13:51

Instrument :

BNA_P

ClientSampleId :

PB123133BS

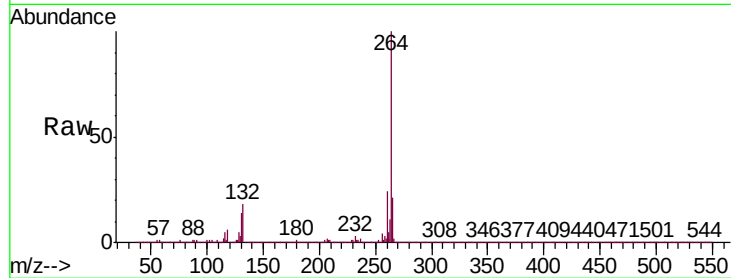
Tgt Ion:264 Resp: 891654

Ion Ratio Lower Upper

264 100

260 23.7 18.9 28.3

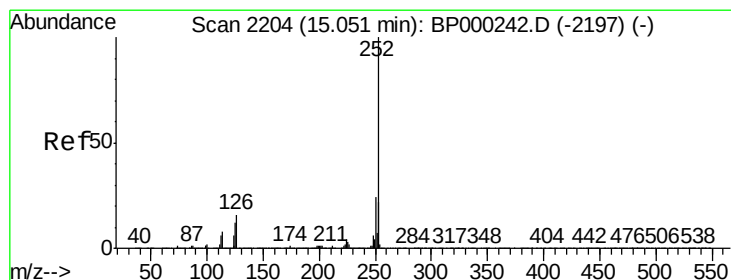
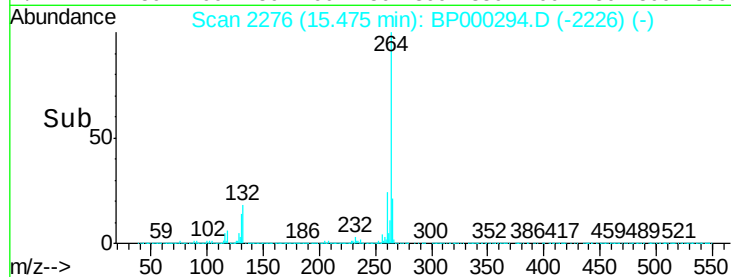
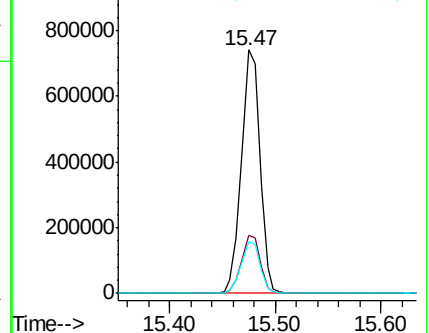
265 21.3 17.2 25.8



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: 42.826 ng

RT: 15.05 min Scan# 2203

Delta R.T. -0.01 min

Lab File: BP000294.D

Acq: 18 Sep 2019 13:51

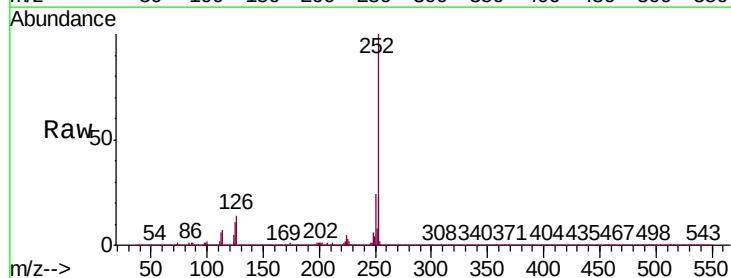
Tgt Ion:252 Resp: 2278023

Ion Ratio Lower Upper

252 100

253 22.9 17.8 26.6

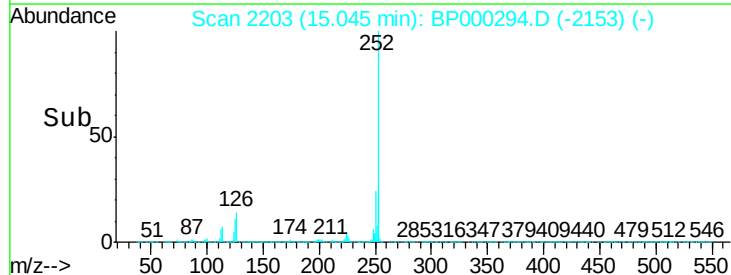
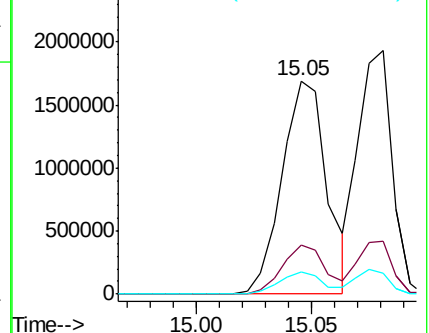
125 10.6 9.5 14.3

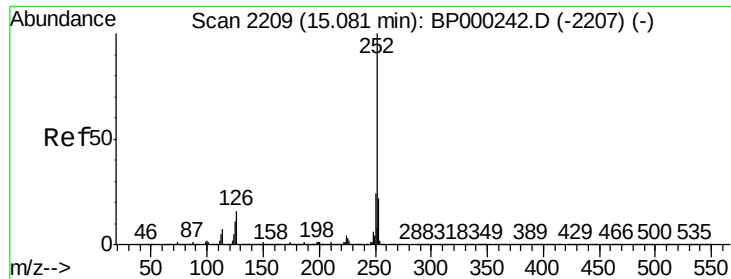


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

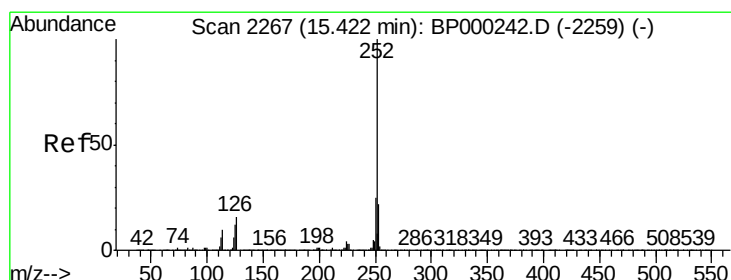
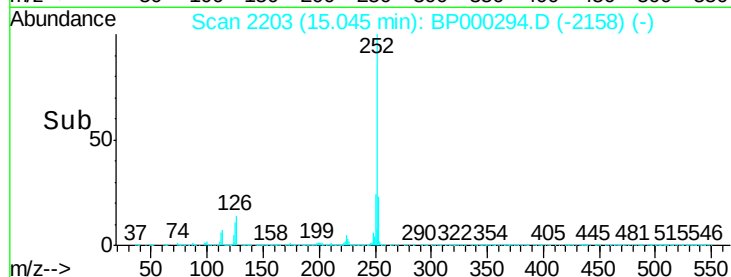
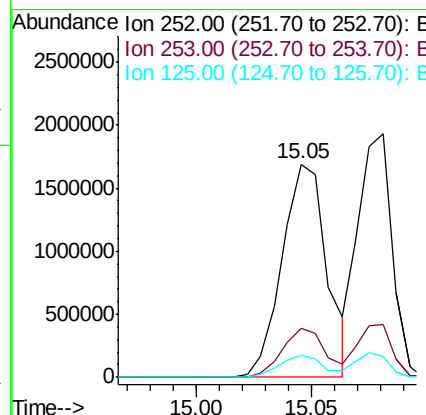
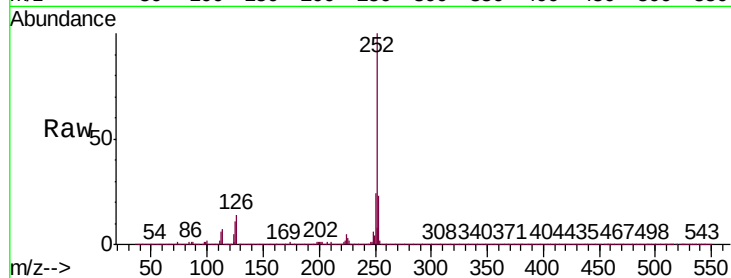




#89
Benzo(k)fluoranthene
Concen: 49.096 ng
RT: 15.05 min Scan# 2203
Delta R.T. -0.04 min
Lab File: BP000294.D
Acq: 18 Sep 2019 13:51

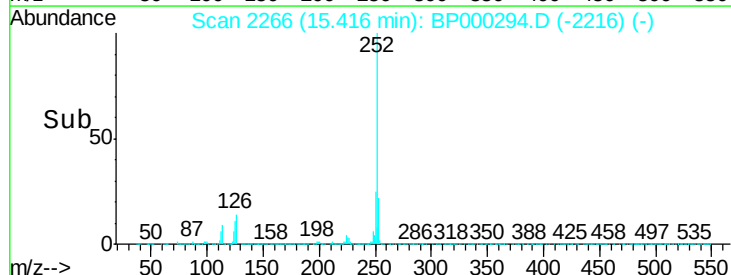
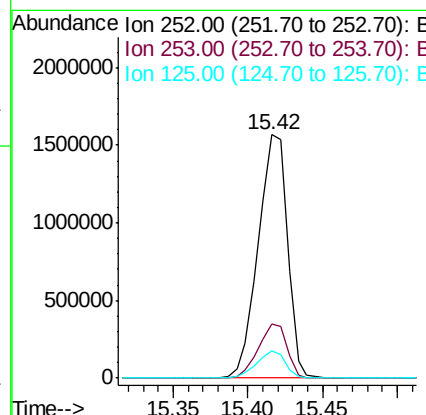
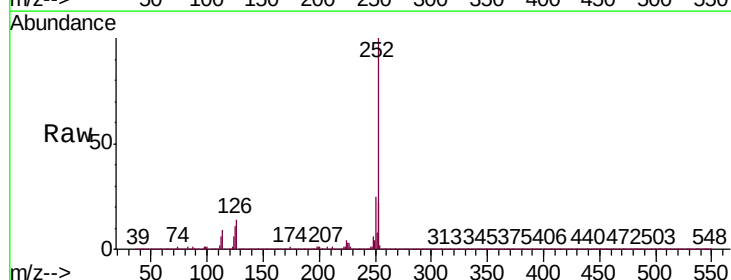
Instrument :
BNA_P
ClientSampleId :
PB123133BS

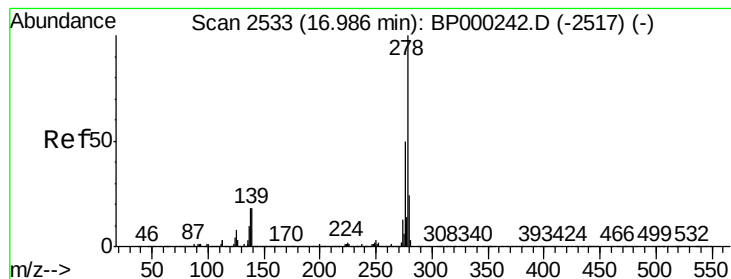
Tgt Ion:252 Resp: 2278023
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.8
125 10.6 9.6 14.4



#90
Benzo(a)pyrene
Concen: 43.644 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BP000294.D
Acq: 18 Sep 2019 13:51

Tgt Ion:252 Resp: 2112430
Ion Ratio Lower Upper
252 100
253 22.4 17.7 26.5
125 11.2 10.0 15.0





#91

Dibenzo(a,h)anthracene

Concen: 43.866 ng

RT: 16.99 min Scan# 2534

Delta R.T. 0.01 min

Lab File: BP000294.D

Acq: 18 Sep 2019 13:51

Instrument :

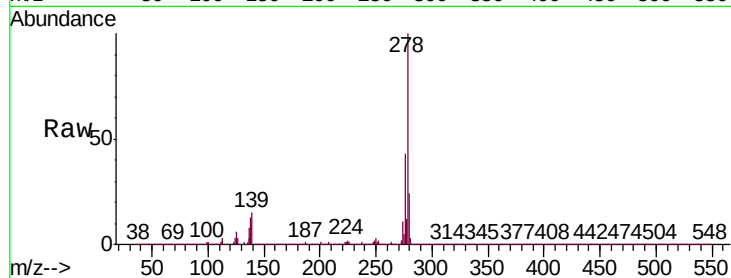
BNA_P

ClientSampleId :

PB123133BS

Tgt Ion:278 Resp: 1979522

Ion	Ratio	Lower	Upper
278	100		
139	15.3	14.5	21.7
279	24.1	19.0	28.6

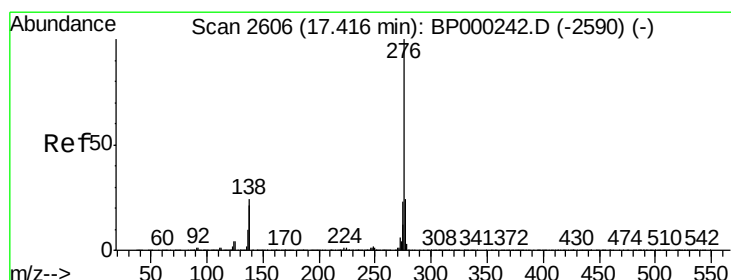
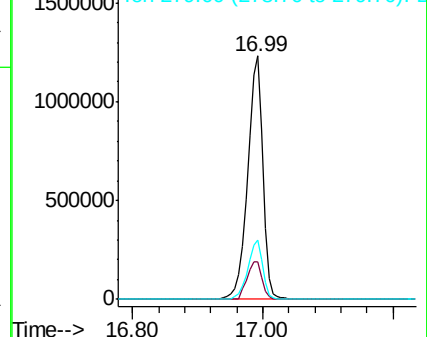
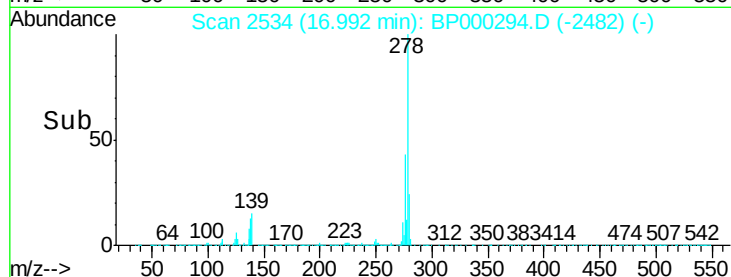


Abundance

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: 43.689 ng

RT: 17.43 min Scan# 2608

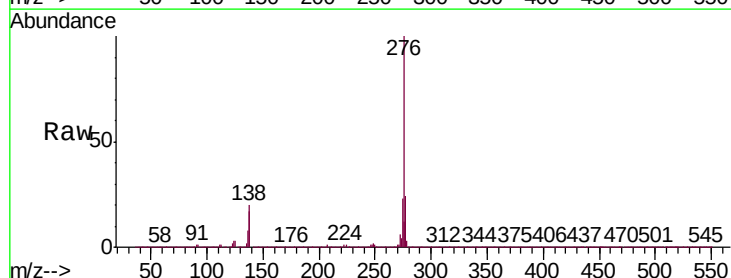
Delta R.T. 0.01 min

Lab File: BP000294.D

Acq: 18 Sep 2019 13:51

Tgt Ion:276 Resp: 2026473

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.1	28.7
138	20.0	19.5	29.3



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

