

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091219\
 Data File : BF116996.D
 Acq On : 12 Sep 2019 17:09
 Operator : HP/JU
 Sample : K4806-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 13 07:45:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 08:24:39 2019
 Response via : Initial Calibration

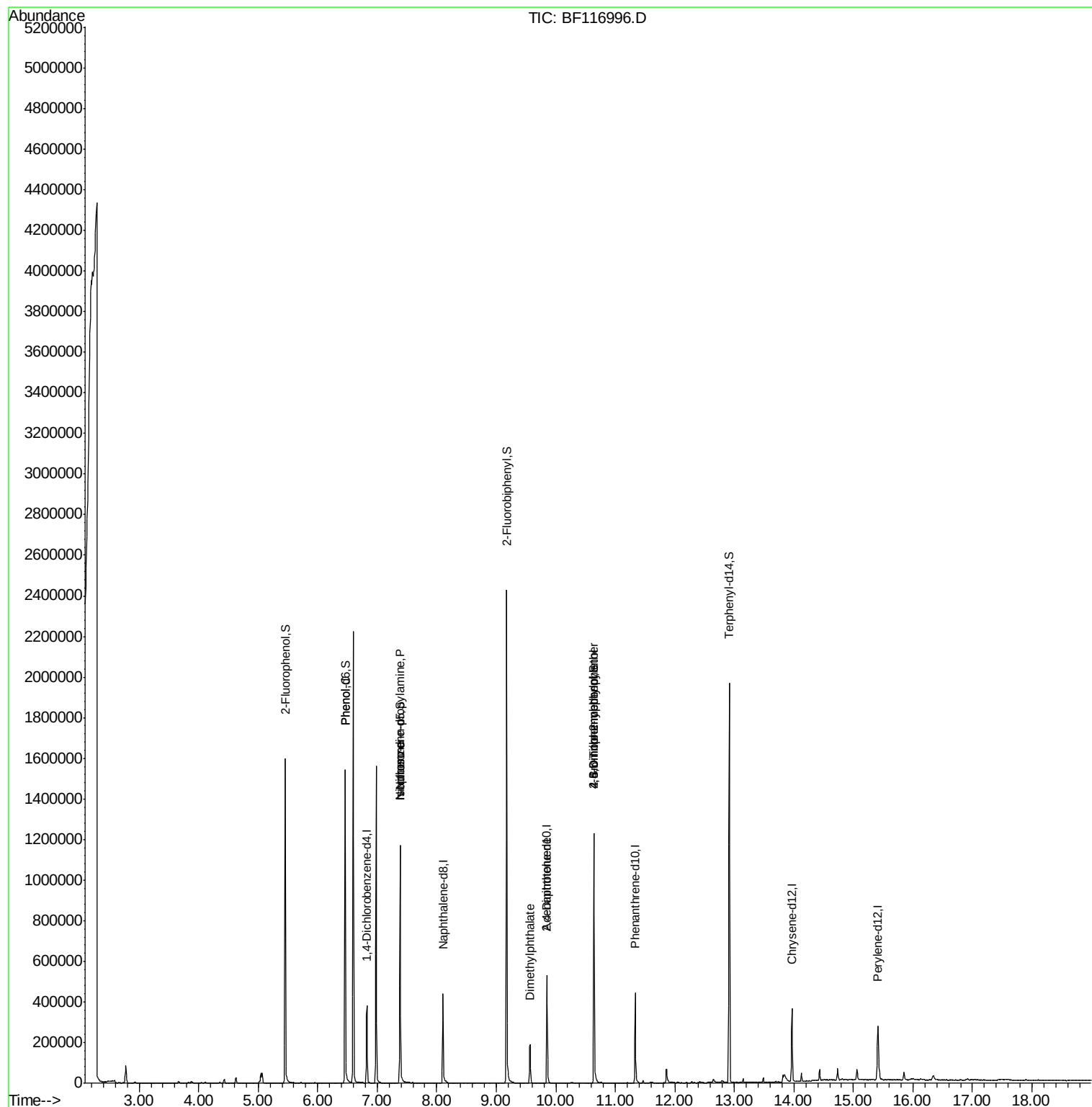
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	60517	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	229821	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	114748	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	173736	20.00	ng	0.00
76) Chrysene-d12	13.97	240	114341	20.00	ng	0.00
87) Perylene-d12	15.41	264	133685	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	499354	133.68	ng	0.02
7) Phenol-d6	6.46	99	601321	122.59	ng	0.00
23) Nitrobenzene-d5	7.39	82	450652	111.94	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	141011	183.82	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	772040	113.50	ng	0.00
79) Terphenyl-d14	12.92	244	602121	97.42	ng	0.00
Target Compounds						
10) Phenol	6.47	94	11091	2.042	ng	# 71
19) n-Nitroso-di-n-propylamine	7.39	70	60741	18.807	ng	# 79
25) Isophorone	7.39	82	450705	55.250	ng	# 66
50) Dimethylphthalate	9.57	163	92329	11.655	ng	# 99
57) 2,4-Dinitrotoluene	9.85	165	15085	8.162	ng	# 18
65) 4,6-Dinitro-2-methylphenol	10.64	198	370	7.940	ng	# 1
67) 4-Bromophenyl-phenylether	10.64	248	9273	5.254	ng	# 1

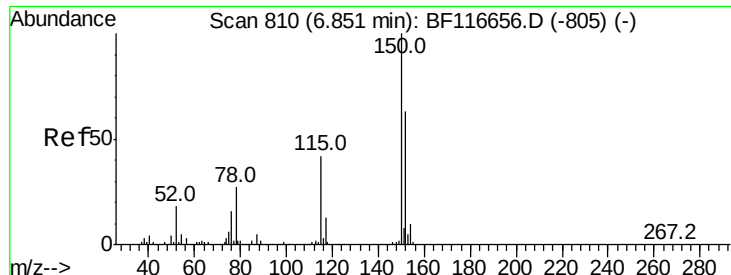
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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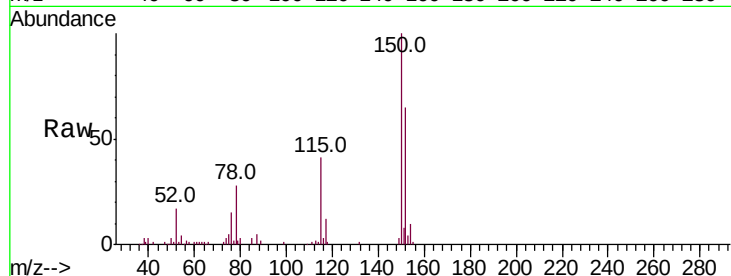


#1

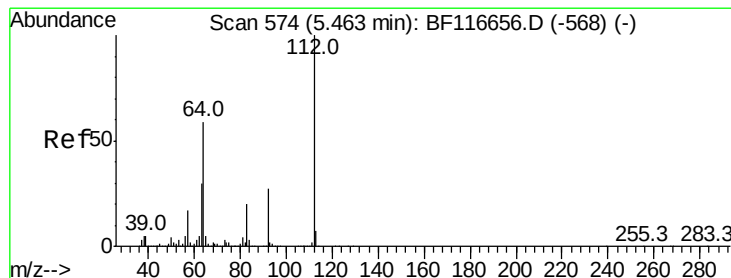
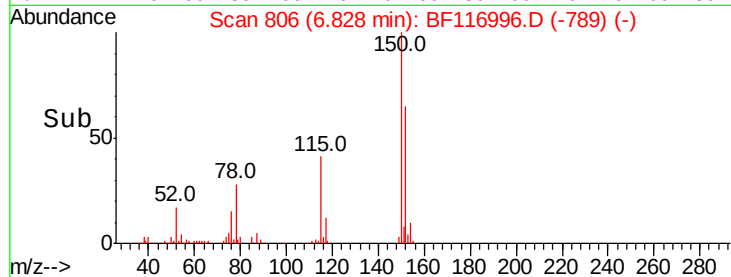
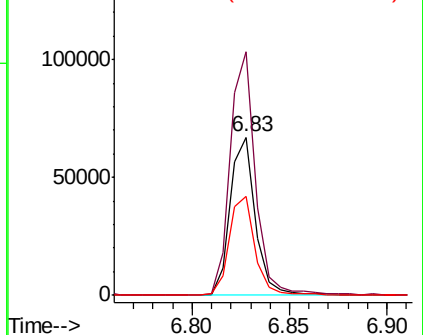
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.00 min
Lab File: BF116996.D
Acq: 12 Sep 2019 17:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.7	126.2	189.2
115	62.8	50.2	75.2



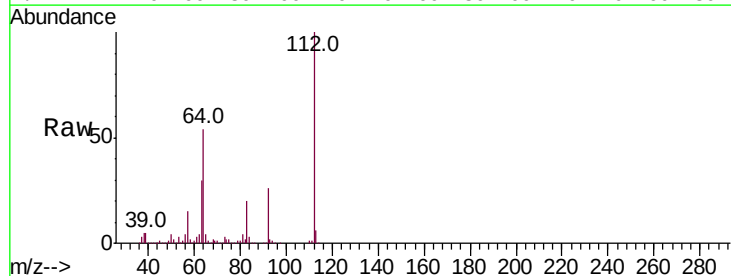
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



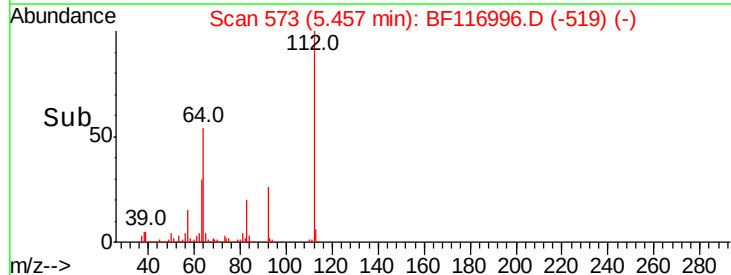
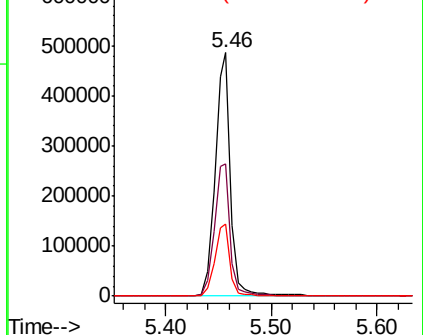
#5

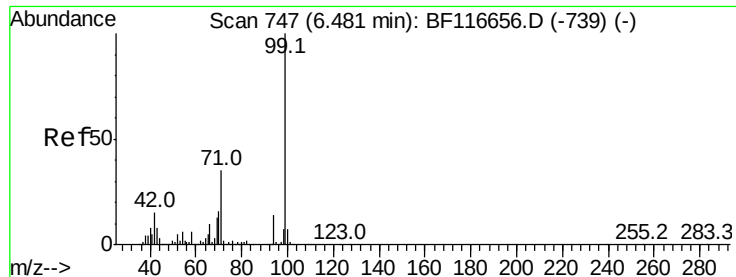
2-Fluorophenol
Concen: 133.678 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.02 min
Lab File: BF116996.D
Acq: 12 Sep 2019 17:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.2	47.1	70.7
63	29.7	25.4	38.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 122.591 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF116996.D

Acq: 12 Sep 2019 17:09

Instrument :

BNA_F

ClientSampleId :

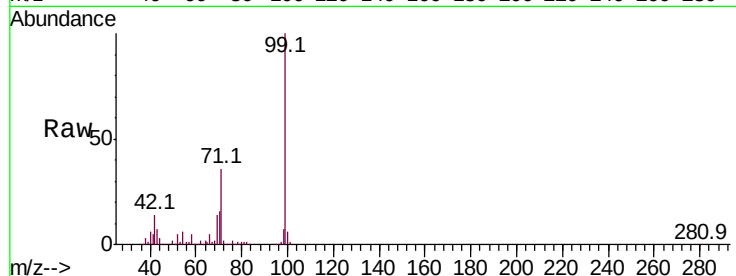
Tot Ion: 99 Resp: 601321

Ion Ratio Lower Upper

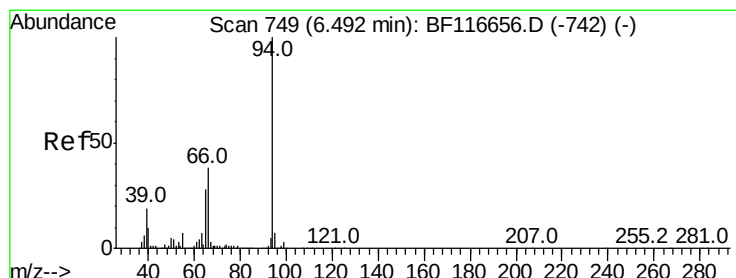
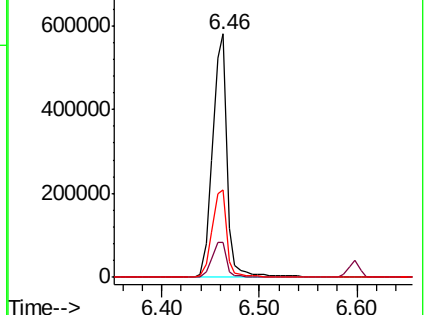
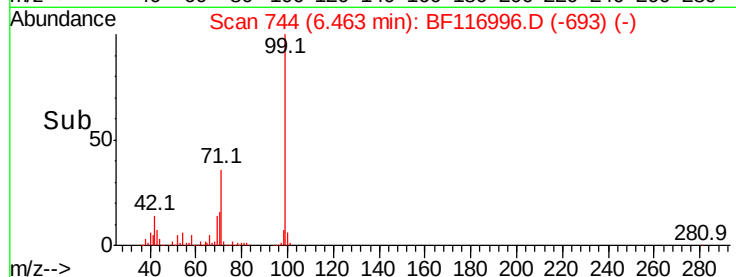
99 100

42 14.4 12.0 18.0

71 35.9 29.7 44.5



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



#10

Phenol

Concen: 2.042 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF116996.D

Acq: 12 Sep 2019 17:09

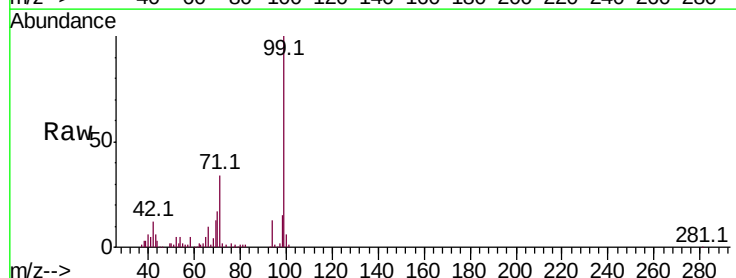
Tgt Ion: 94 Resp: 11091

Ion Ratio Lower Upper

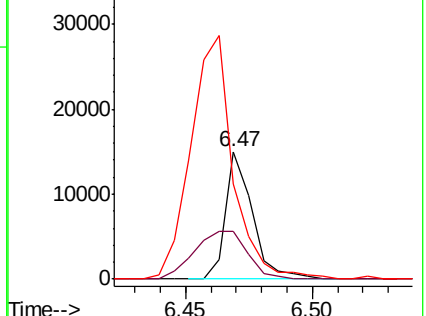
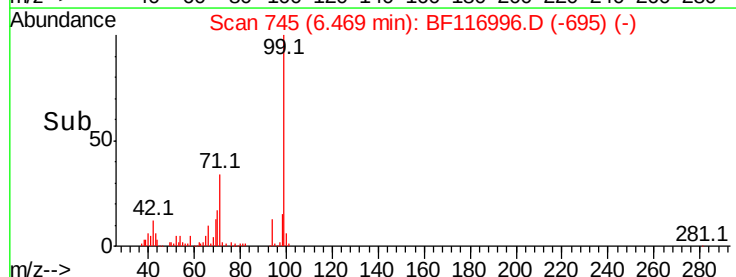
94 100

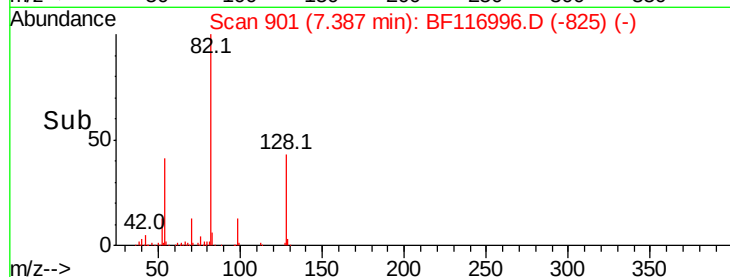
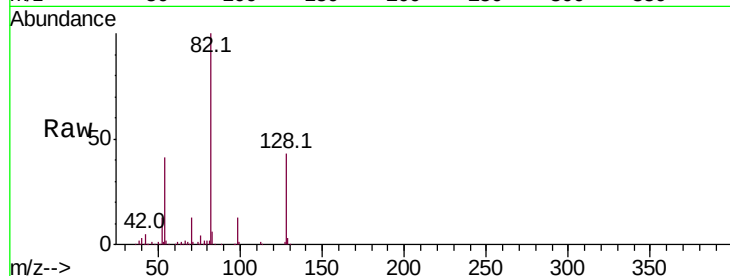
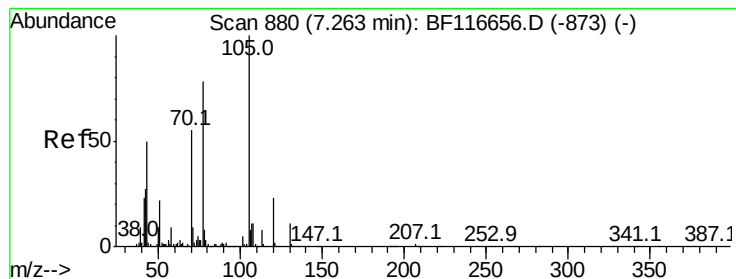
65 37.2 12.0 52.0

66 75.1 26.5 66.5#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#19

n-Nitroso-di-n-propylamine

Concen: 18.807 ng

RT: 7.39 min Scan# 901

Delta R.T. 0.15 min

Lab File: BF116996.D

Acq: 12 Sep 2019 17:09

Instrument :

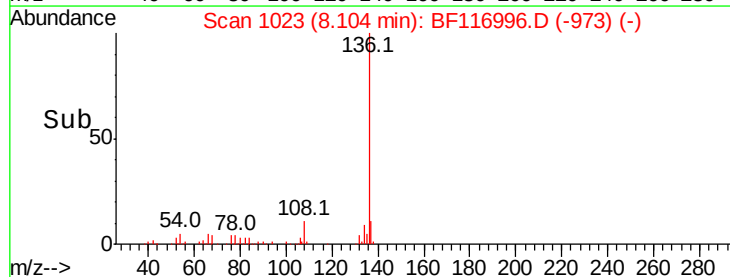
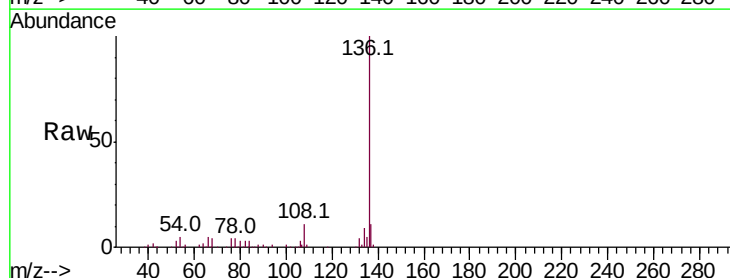
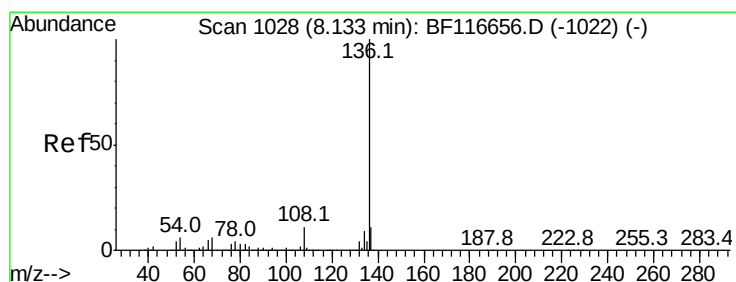
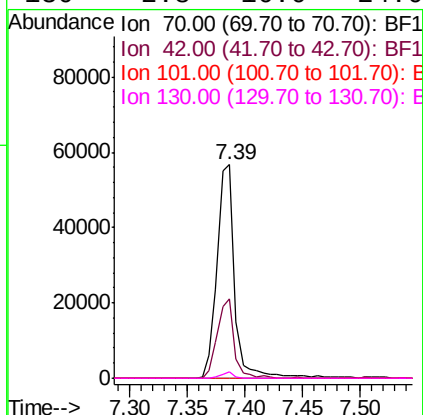
BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 60741

Ion Ratio Lower Upper

70	100		
42	37.4	37.0	55.4
101	0.0	7.4	11.2#
130	2.8	16.0	24.0#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.01 min

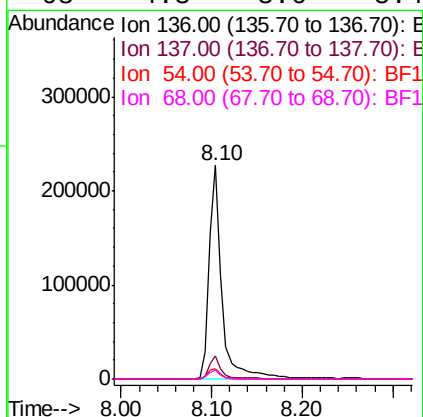
Lab File: BF116996.D

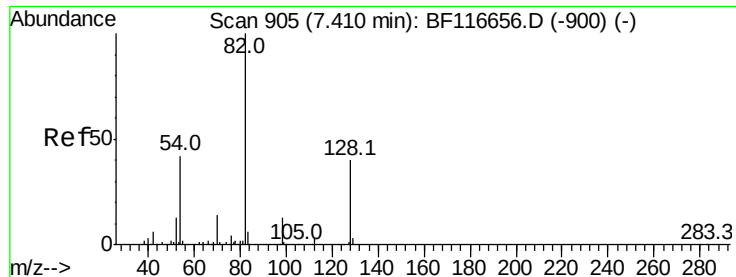
Acq: 12 Sep 2019 17:09

Tgt Ion: 136 Resp: 229821

Ion Ratio Lower Upper

136	100		
137	10.9	8.5	12.7
54	5.0	3.8	5.8
68	4.3	3.6	5.4

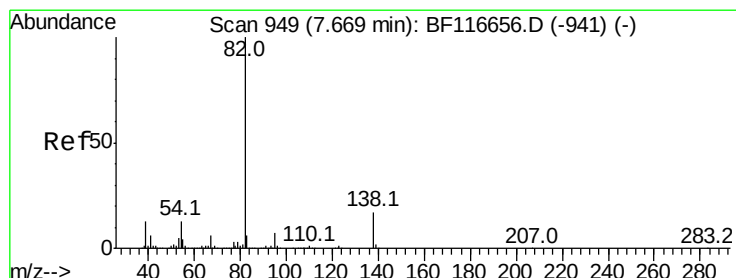
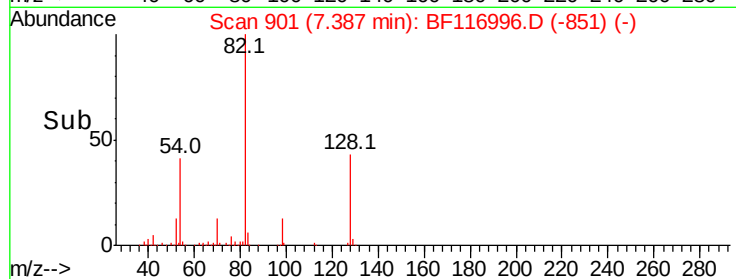
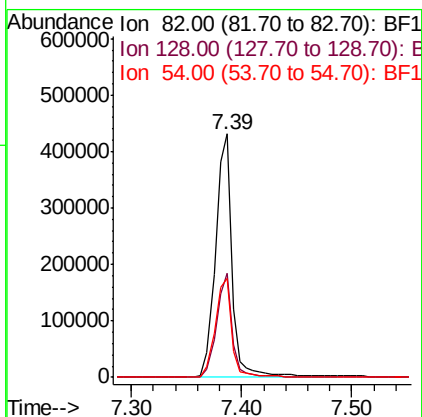
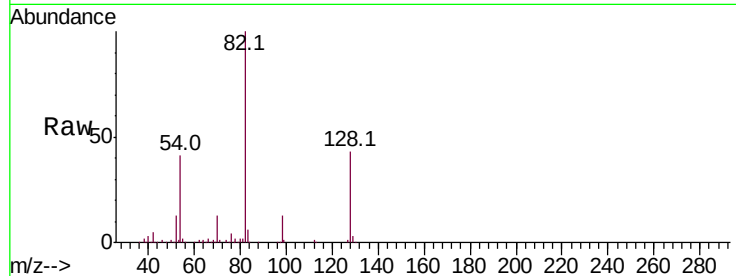




#23
Nitrobenzene-d5
Concen: 111.942 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF116996.D
Acq: 12 Sep 2019 17:09

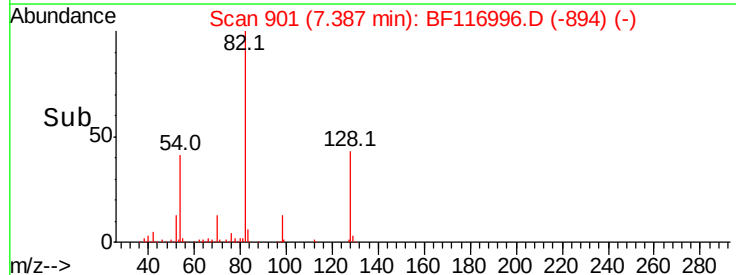
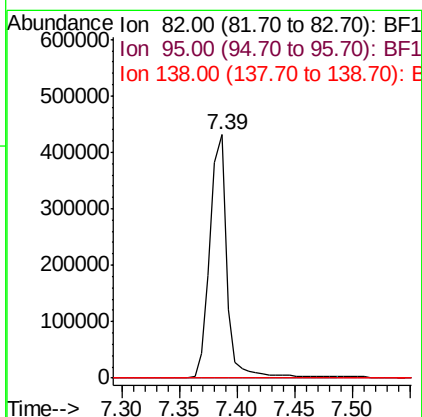
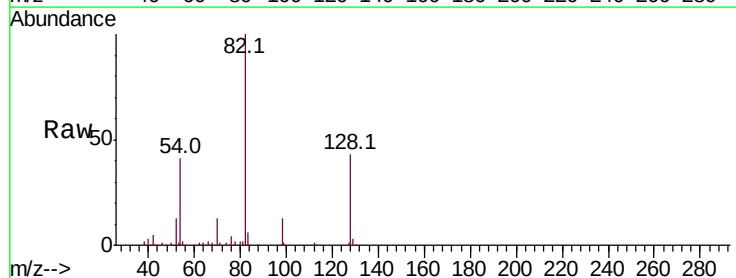
Instrument :
BNA_F
ClientSampled :

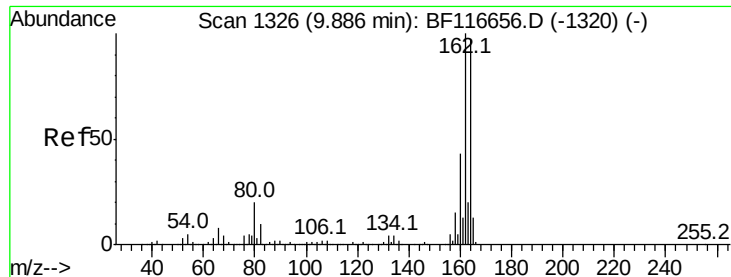
Tot Ion	Ratio	Lower	Upper
82	100		
128	42.8	35.0	52.4
54	40.5	32.6	48.8



#25
Isophorone
Concen: 55.250 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.26 min
Lab File: BF116996.D
Acq: 12 Sep 2019 17:09

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.0	9.0#
138	0.0	13.4	20.2#

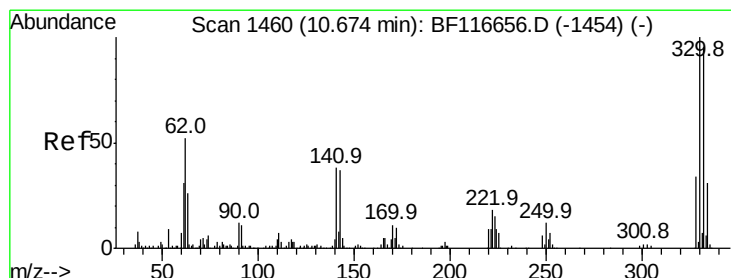
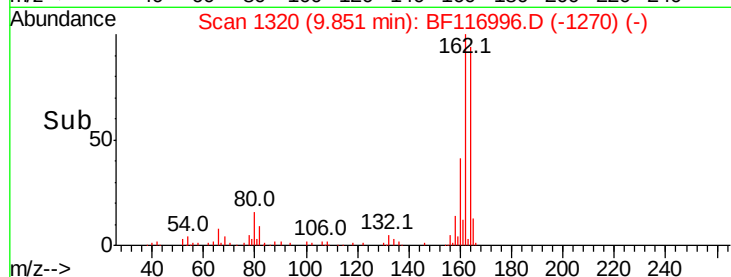
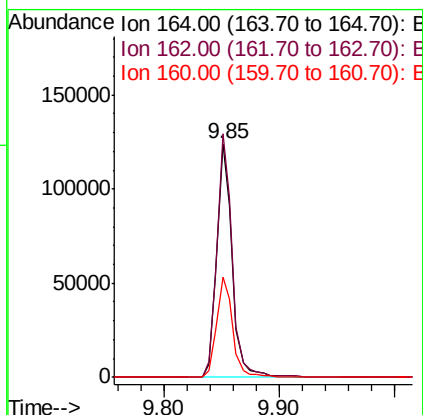
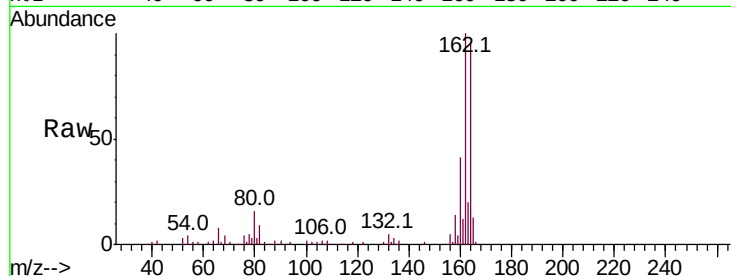




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF116996.D
Acq: 12 Sep 2019 17:09

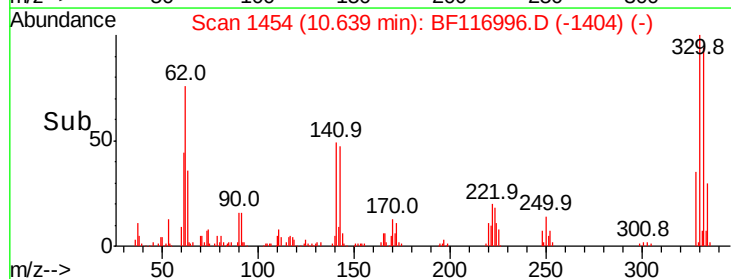
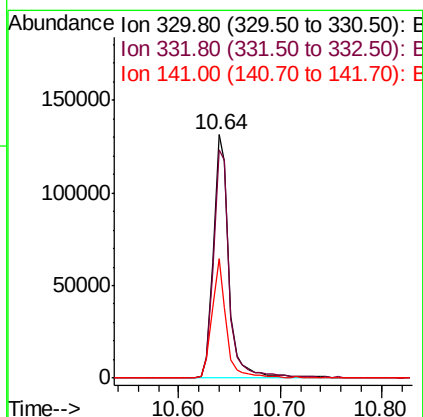
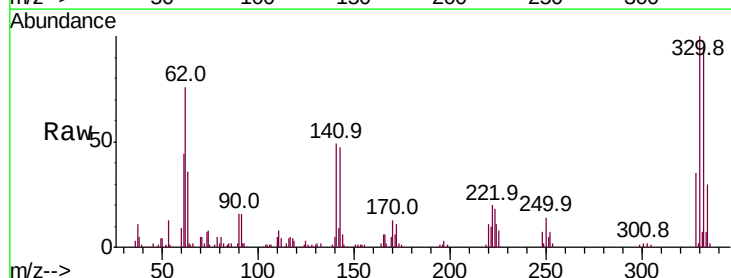
Instrument :
BNA_F
ClientSampleId :

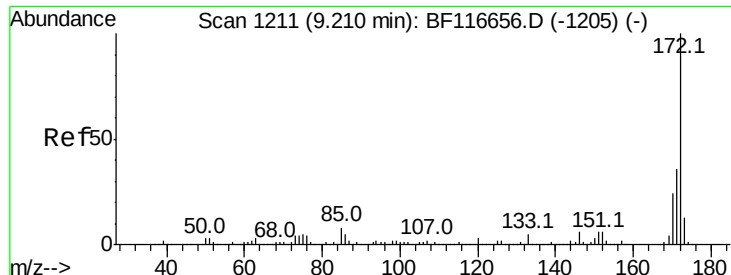
Tot Ion:164 Resp: 114748
Ion Ratio Lower Upper
164 100
162 104.1 81.8 122.6
160 42.8 35.7 53.5



#42
2,4,6-Tribromophenol
Concen: 183.820 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF116996.D
Acq: 12 Sep 2019 17:09

Tgt Ion:330 Resp: 141011
Ion Ratio Lower Upper
330 100
332 95.8 75.9 113.9
141 44.6 35.6 53.4

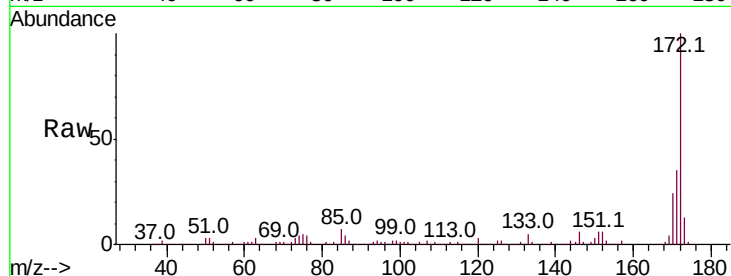




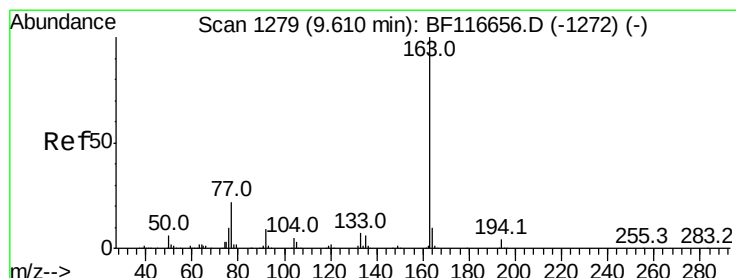
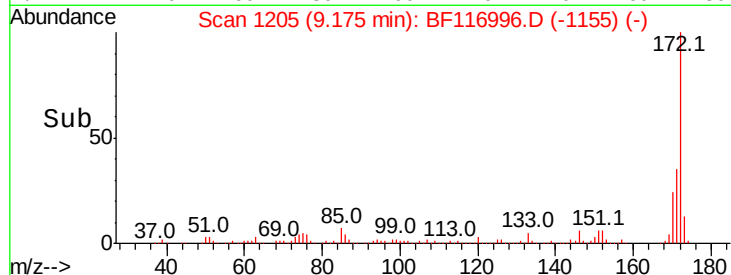
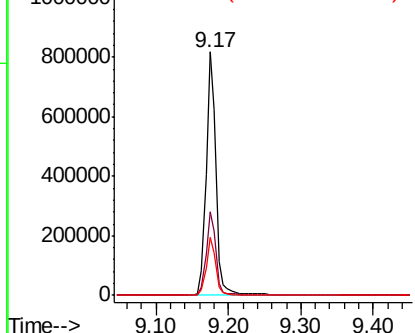
#45
 2-Fluorobiphenyl
 Concen: 113.497 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF116996.D
 Acq: 12 Sep 2019 17:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 772040
 Ion Ratio Lower Upper
 172 100
 171 34.6 29.1 43.7
 170 24.0 19.2 28.8

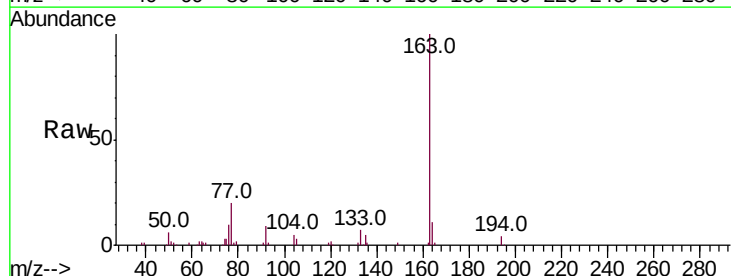


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

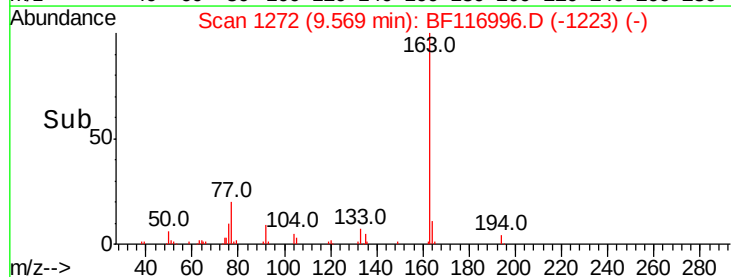
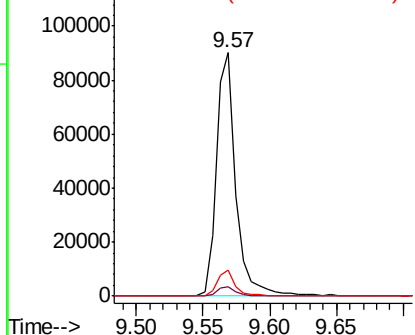


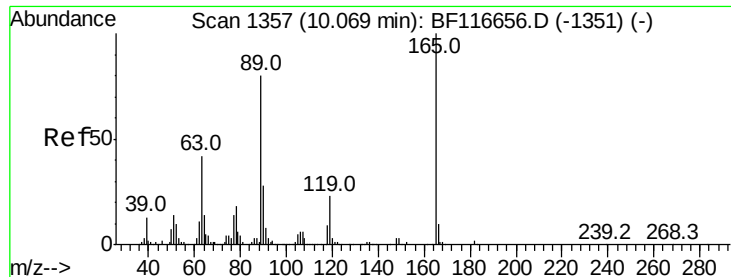
#50
 Dimethylphthalate
 Concen: 11.655 ng
 RT: 9.57 min Scan# 1272
 Delta R.T. -0.01 min
 Lab File: BF116996.D
 Acq: 12 Sep 2019 17:09

Tgt Ion:163 Resp: 92329
 Ion Ratio Lower Upper
 163 100
 194 3.7 2.7 4.1
 164 10.7 8.2 12.4



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

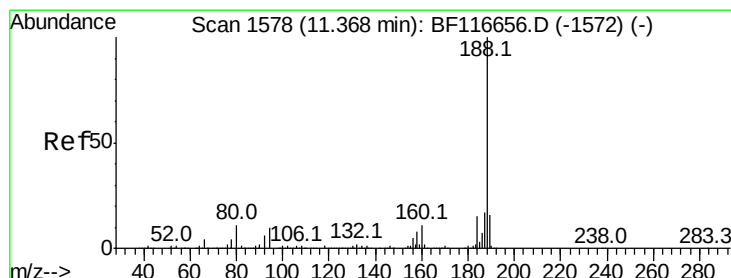
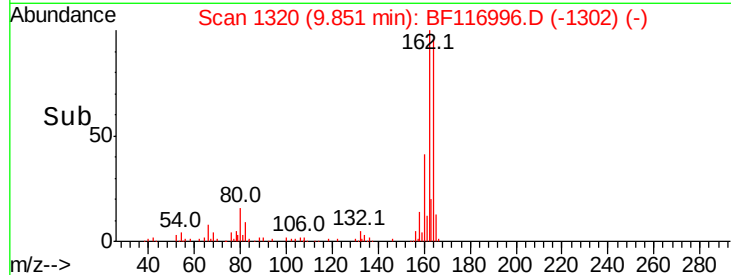
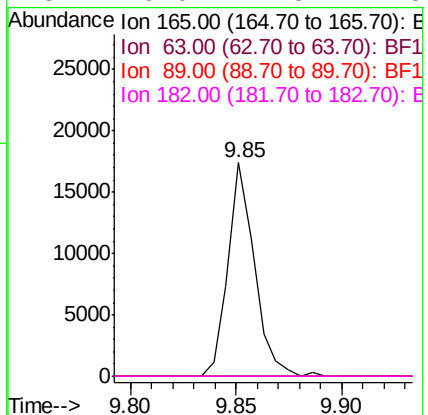
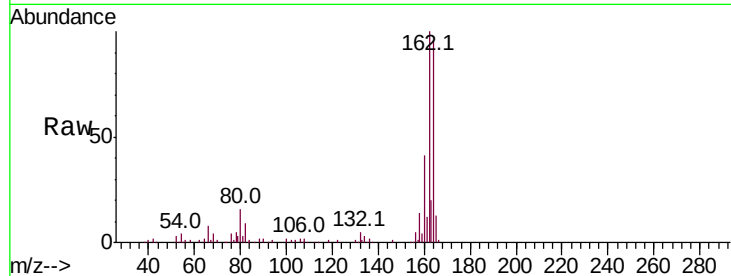




#57
 2,4-Dinitrotoluene
 Concen: 8.162 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.19 min
 Lab File: BF116996.D
 Acq: 12 Sep 2019 17:09

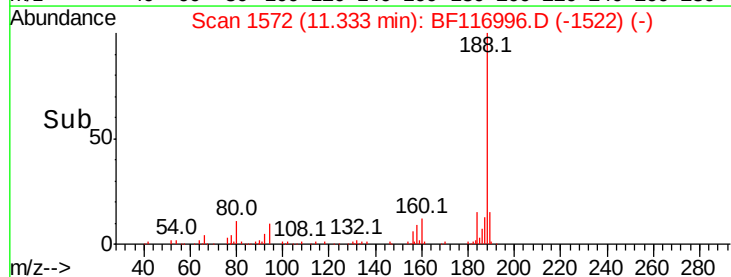
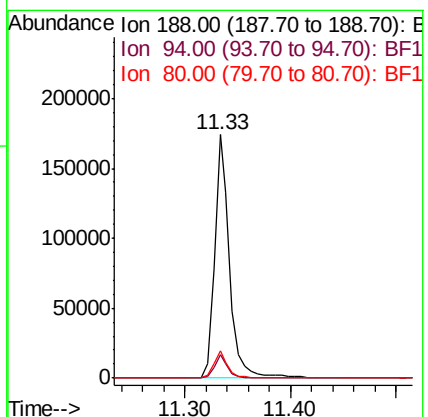
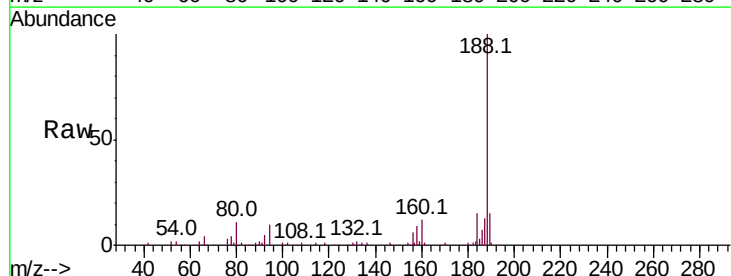
Instrument :
 BNA_F
 ClientSampled :

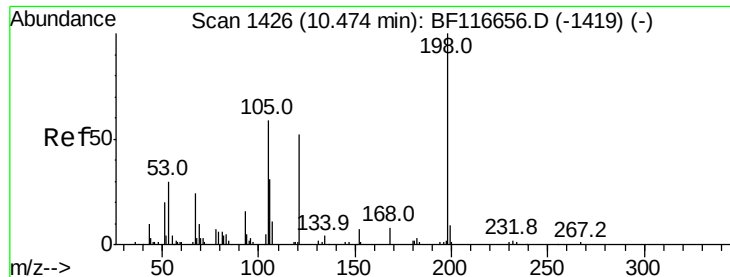
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.2	54.2#
89	0.0	66.1	99.1#
182	0.0	1.8	2.8#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BF116996.D
 Acq: 12 Sep 2019 17:09

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.4	11.2
80	11.1	8.5	12.7

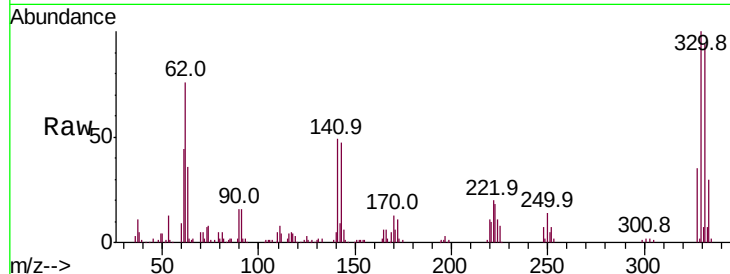




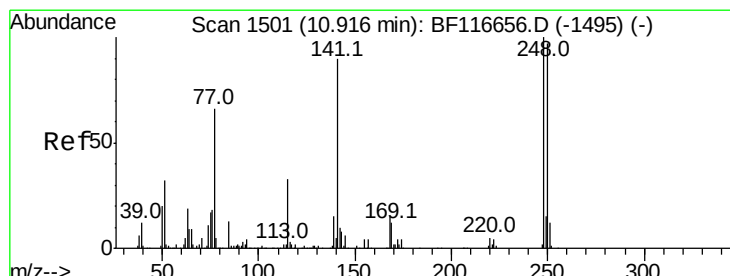
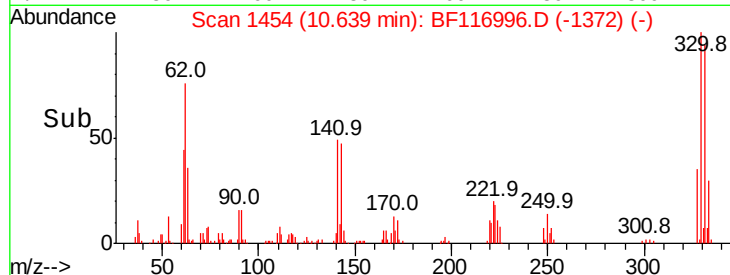
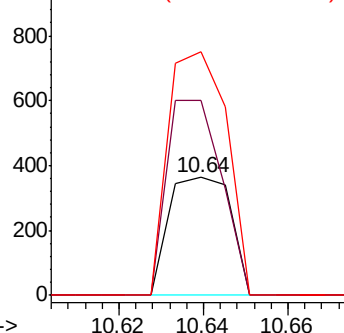
#65
4,6-Dinitro-2-methylphenol
Concen: 7.940 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.18 min
Lab File: BF116996.D
Acq: 12 Sep 2019 17:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 370
Ion Ratio Lower Upper
198 100
51 165.8 26.3 66.3#
105 206.9 40.0 80.0#

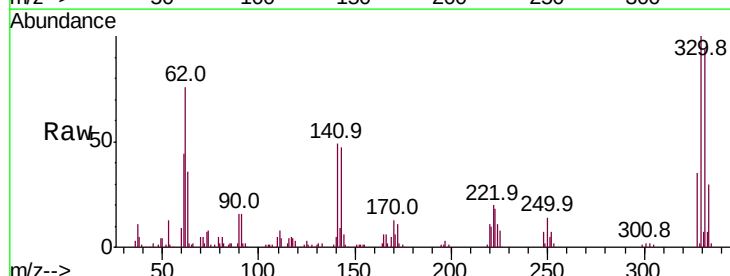


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

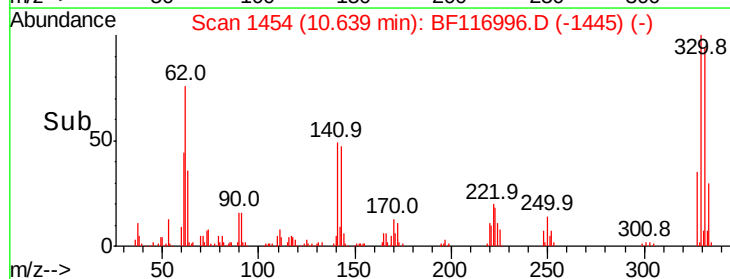
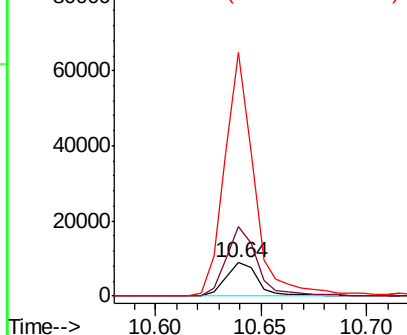


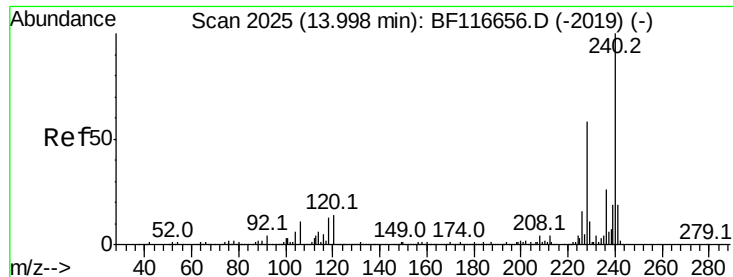
#67
4-Bromophenyl-phenylether
Concen: 5.254 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.25 min
Lab File: BF116996.D
Acq: 12 Sep 2019 17:09

Tgt Ion:248 Resp: 9273
Ion Ratio Lower Upper
248 100
250 206.2 77.0 115.4#
141 727.2 70.2 105.2#



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

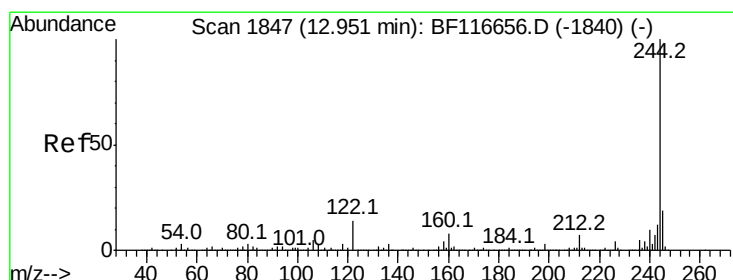
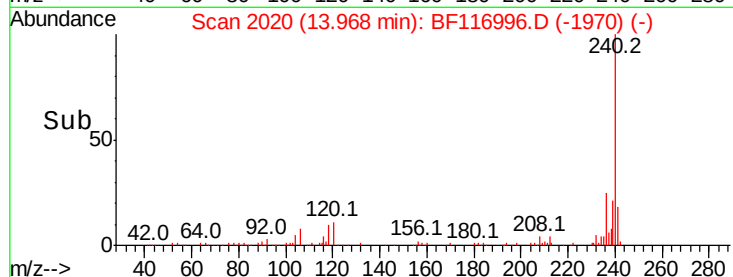
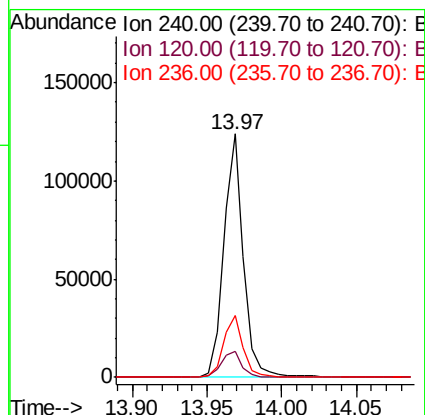
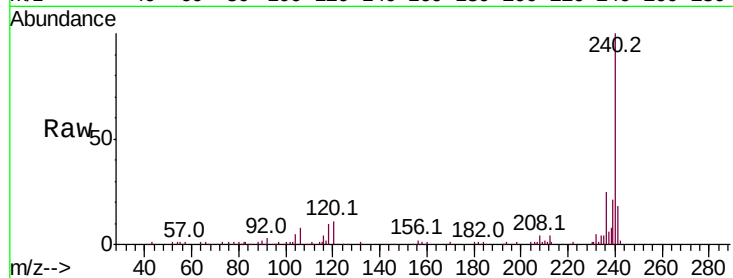




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF116996.D
Acq: 12 Sep 2019 17:09

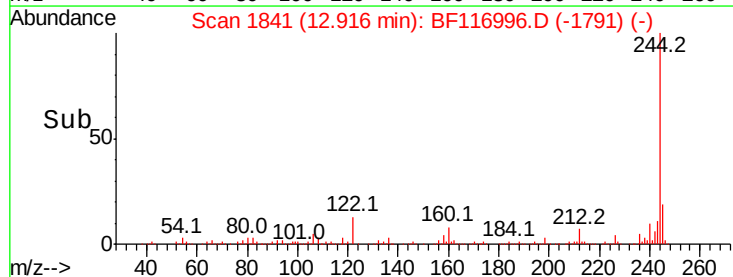
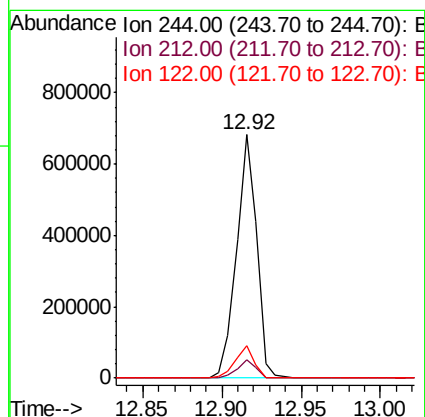
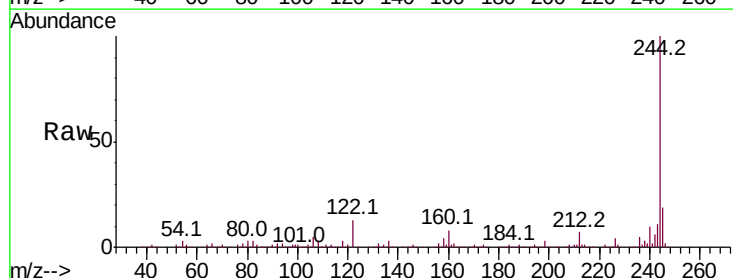
Instrument :
BNA_F
ClientSampleId :

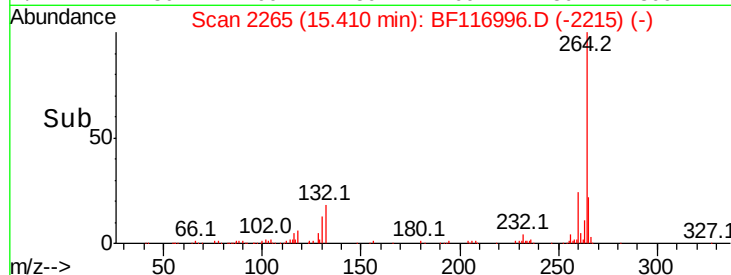
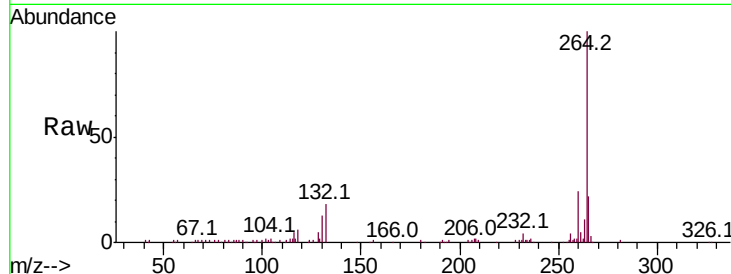
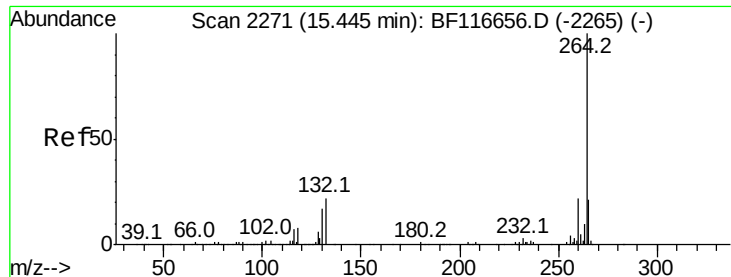
Tot Ion:240 Resp: 114341
Ion Ratio Lower Upper
240 100
120 10.8 9.1 13.7
236 25.4 20.9 31.3



#79
Terphenyl-d14
Concen: 97.418 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BF116996.D
Acq: 12 Sep 2019 17:09

Tgt Ion:244 Resp: 602121
Ion Ratio Lower Upper
244 100
212 7.4 5.7 8.5
122 13.1 11.5 17.3





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF116996.D
Acq: 12 Sep 2019 17:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	133685
Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.0	28.4
265	22.0	17.9	26.9

