

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080619\
 Data File : BF116033.D
 Acq On : 7 Aug 2019 00:15
 Operator : HP/JU
 Sample : K4130-26
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 07 01:21:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

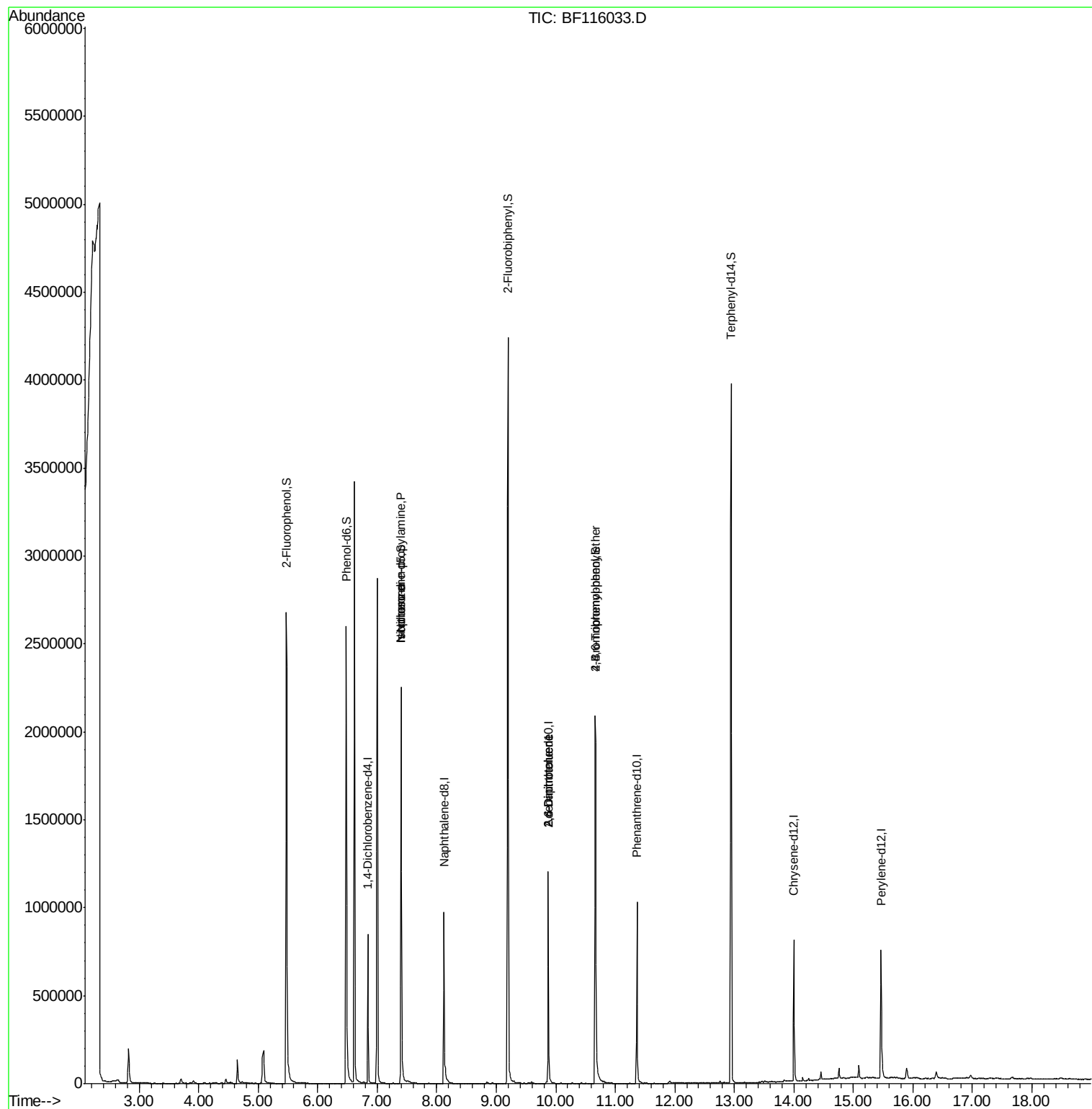
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	123191	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	465155	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	241269	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	413626	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	307949	20.00	ng	-0.03
87) Perylene-d12	15.46	264	370647	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	867056	117.83	ng	0.00
7) Phenol-d6	6.48	99	1012769	109.08	ng	0.00
23) Nitrobenzene-d5	7.40	82	808398	100.32	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	322611	137.92	ng	-0.02
45) 2-Fluorobiphenyl	9.20	172	1376337	106.85	ng	-0.02
79) Terphenyl-d14	12.95	244	1416114	96.90	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	108040	18.779	ng	# 77
25) Isophorone	7.40	82	808395	52.463	ng	# 66
51) 2,6-Dinitrotoluene	9.87	165	31145	8.724	ng	# 28
57) 2,4-Dinitrotoluene	9.87	165	31146	6.553	ng	# 25
67) 4-Bromophenyl-phenylether	10.66	248	19831	4.479	ng	# 1

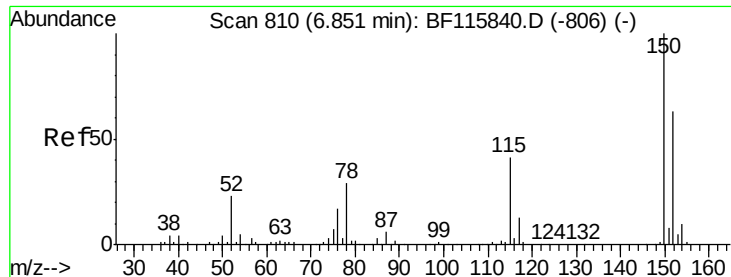
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BF116033.D
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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Aug 07 01:21:00 2019
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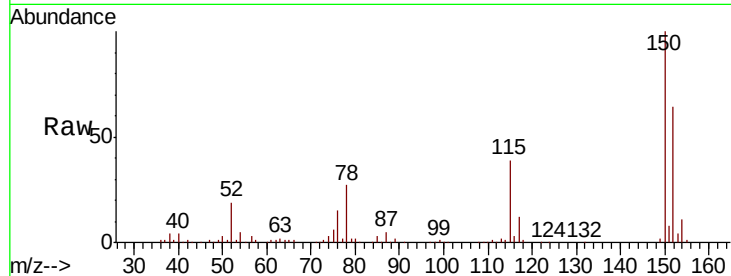


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116033.D
Acq: 7 Aug 2019 00:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	127.4	191.0
115	61.2	51.8	77.8

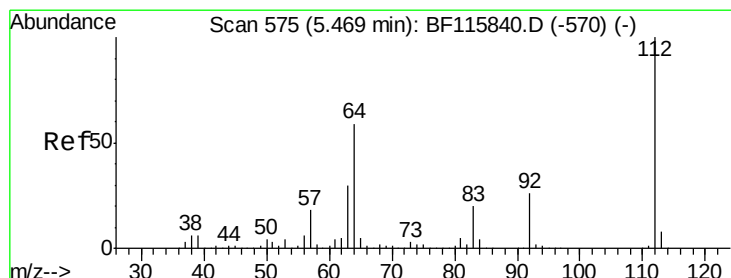
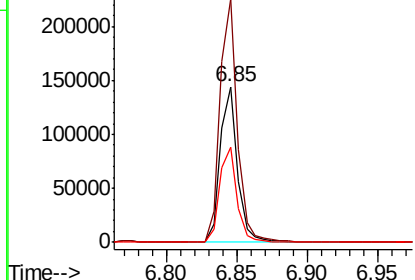
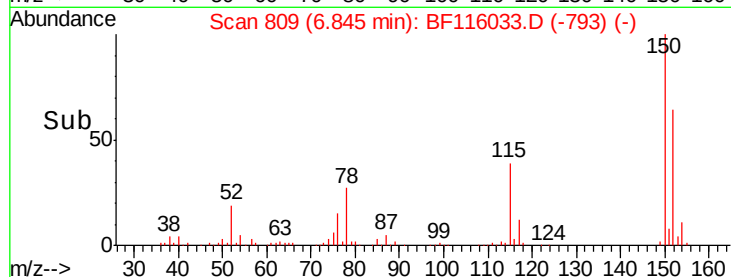


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

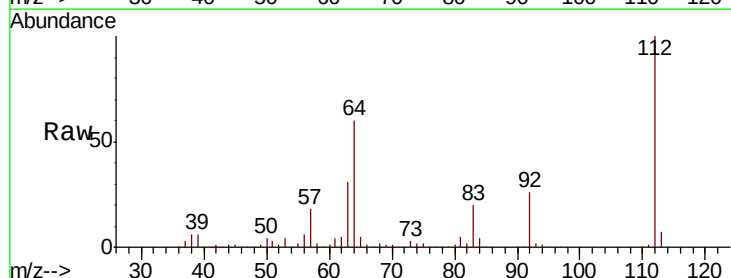
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 117.826 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF116033.D
Acq: 7 Aug 2019 00:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.0	46.8	70.2
63	31.4	24.2	36.2

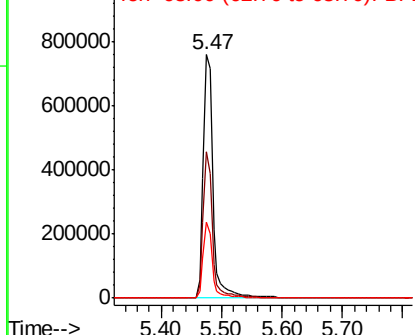
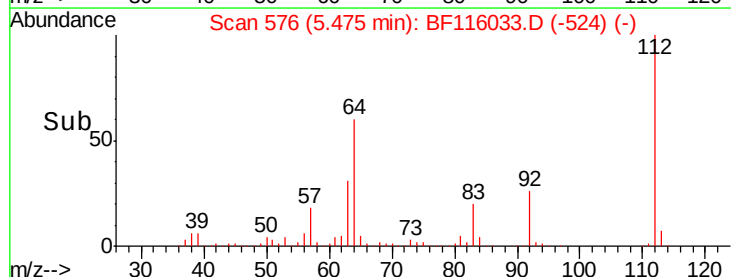


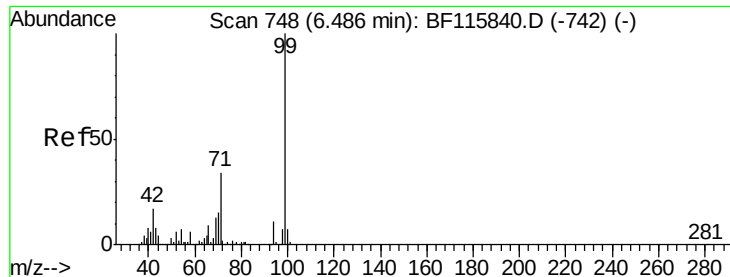
Abundance

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: 109.082 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF116033.D

Acq: 7 Aug 2019 00:15

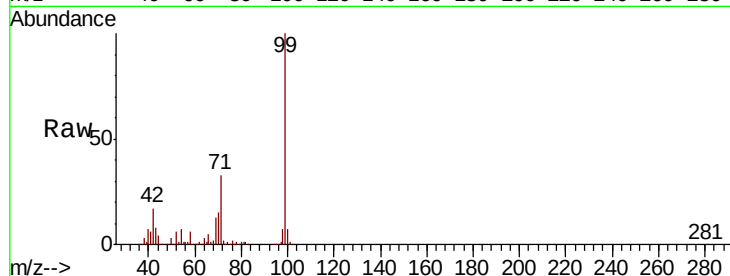
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1012769

Ion	Ratio	Lower	Upper
99	100		
42	16.9	13.8	20.6
71	33.3	27.1	40.7

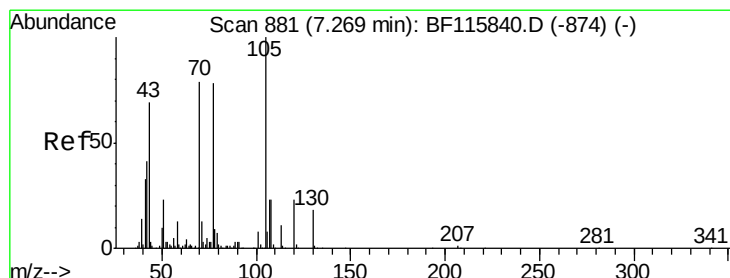
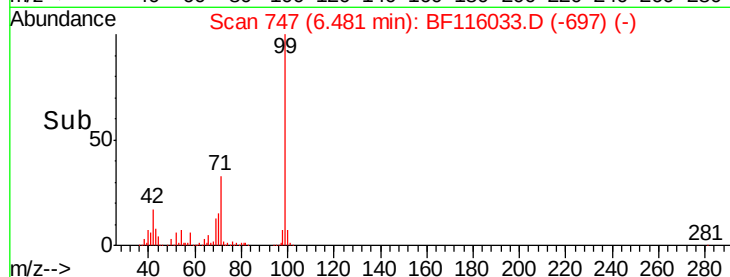
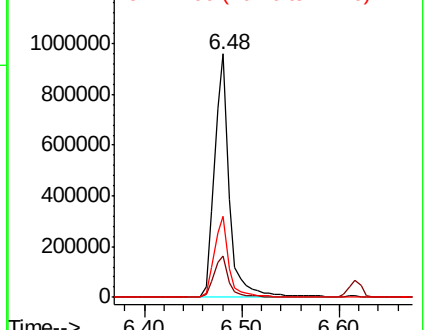


Abundance

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



#19

n-Nitroso-di-n-propylamine

Concen: 18.779 ng

RT: 7.40 min Scan# 904

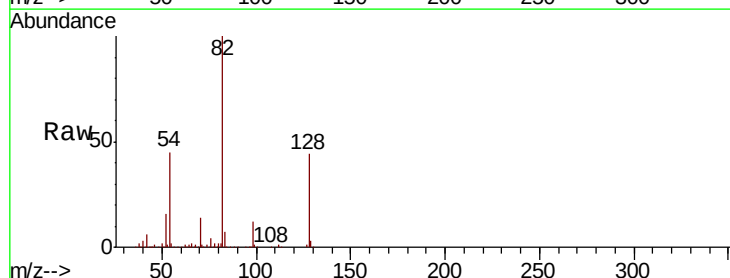
Delta R.T. 0.14 min

Lab File: BF116033.D

Acq: 7 Aug 2019 00:15

Tgt Ion: 70 Resp: 108040

Ion	Ratio	Lower	Upper
70	100		
42	41.8	41.8	62.8#
101	0.0	7.7	11.5#
130	2.2	17.8	26.6#



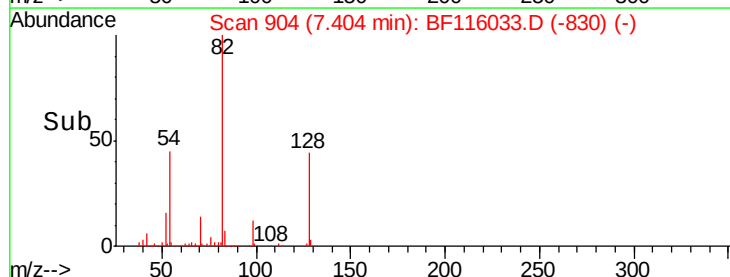
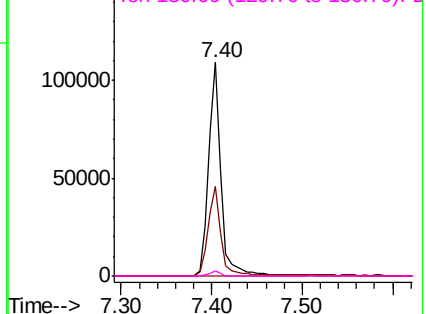
Abundance

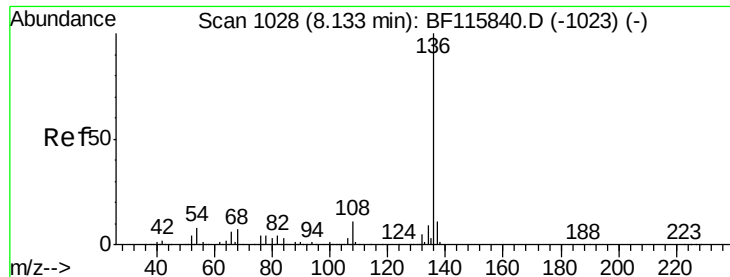
Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

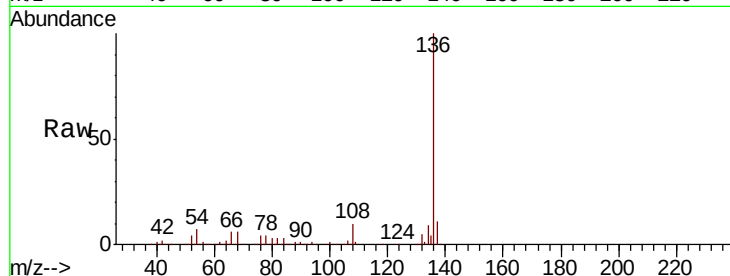




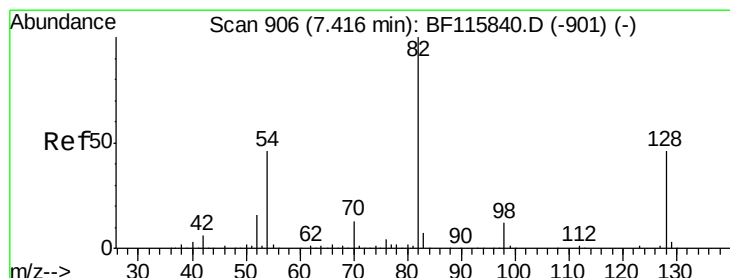
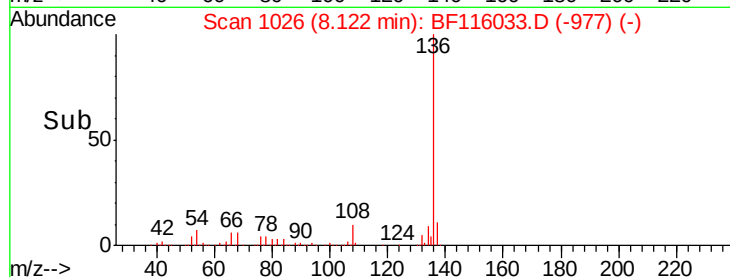
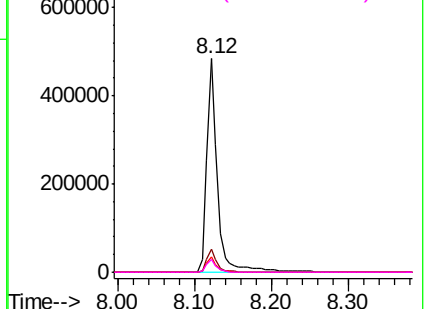
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF116033.D
Acq: 7 Aug 2019 00:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	465155
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.1 13.7
54	7.0	6.1 9.1
68	6.1	5.4 8.2

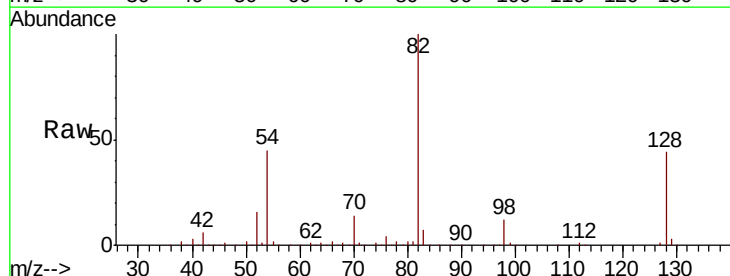


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

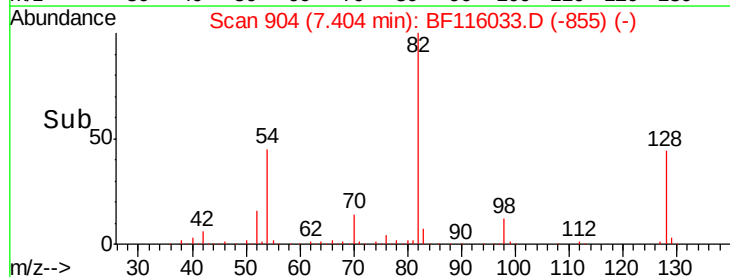
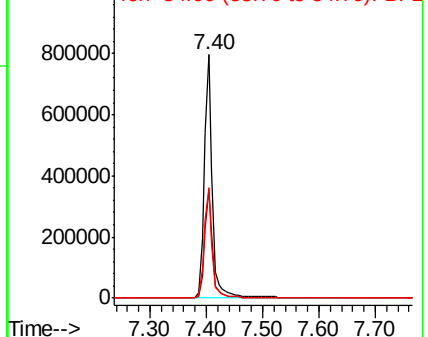


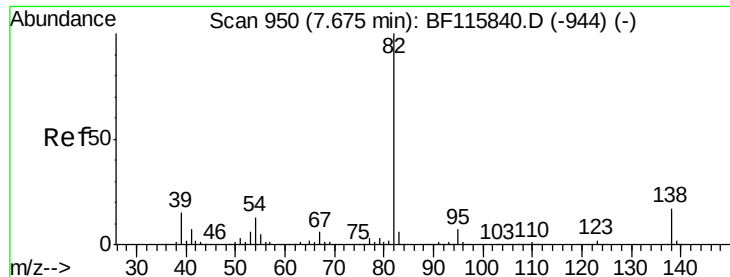
#23
Nitrobenzene-d5
Concen: 100.318 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF116033.D
Acq: 7 Aug 2019 00:15

Tgt Ion: 82	Resp:	808398
Ion Ratio	Lower	Upper
82	100	
128	44.4	36.6 55.0
54	45.1	36.6 55.0



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

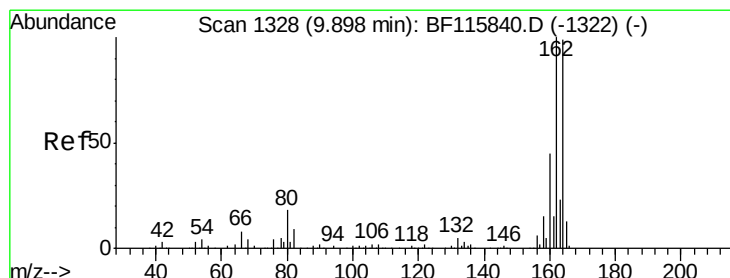
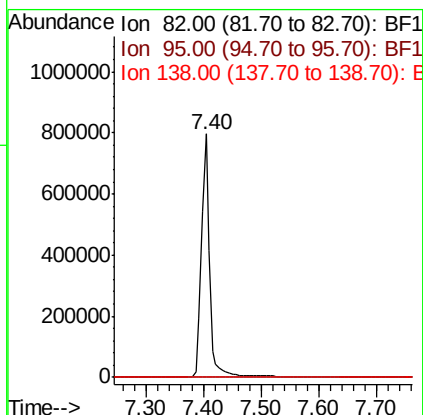
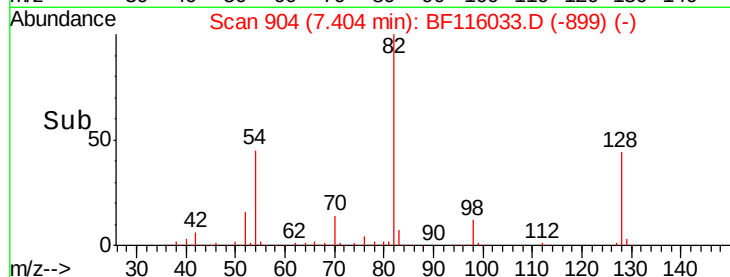
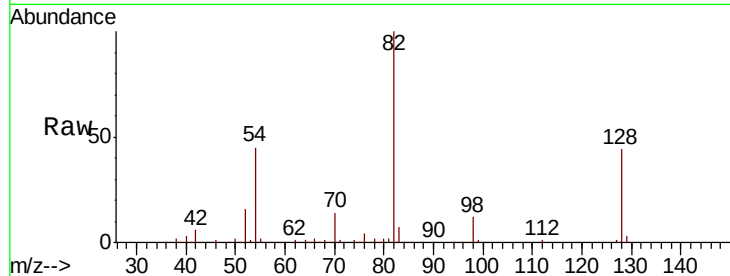




#25
Isophorone
Concen: 52.463 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.27 min
Lab File: BF116033.D
Acq: 7 Aug 2019 00:15

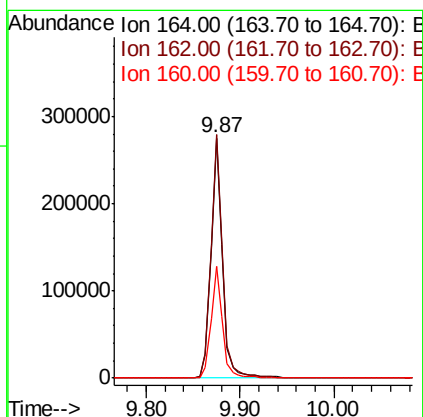
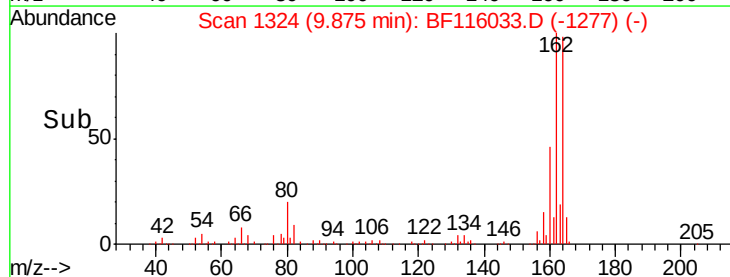
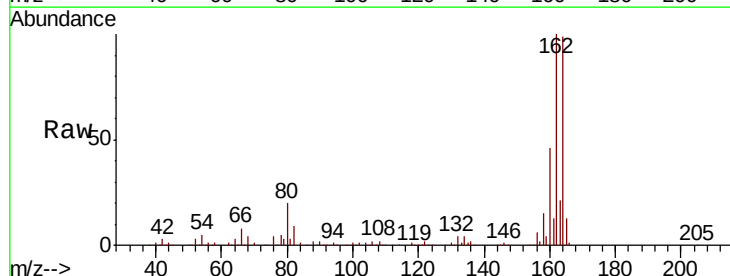
Instrument :
BNA_F
ClientSampleId :

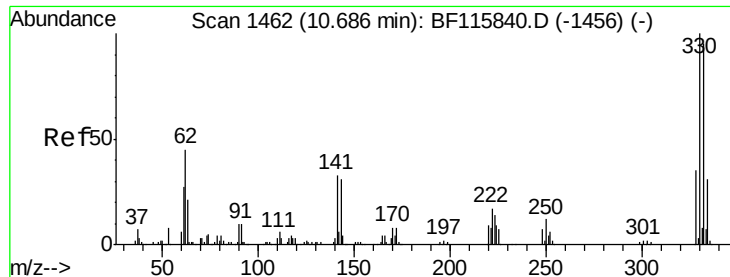
Tot Ion: 82 Resp: 808395
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.9 20.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.02 min
Lab File: BF116033.D
Acq: 7 Aug 2019 00:15

Tgt Ion:164 Resp: 241269
Ion Ratio Lower Upper
164 100
162 101.4 80.8 121.2
160 46.4 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 137.917 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.02 min

Lab File: BF116033.D

Acq: 7 Aug 2019 00:15

Instrument :

BNA_F

ClientSampleId :

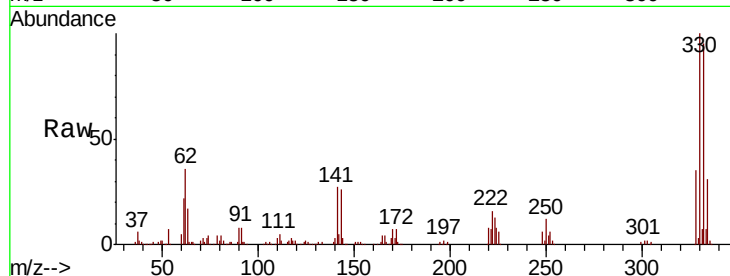
Tot Ion:330 Resp: 322611

Ion Ratio Lower Upper

330 100

332 97.9 77.7 116.5

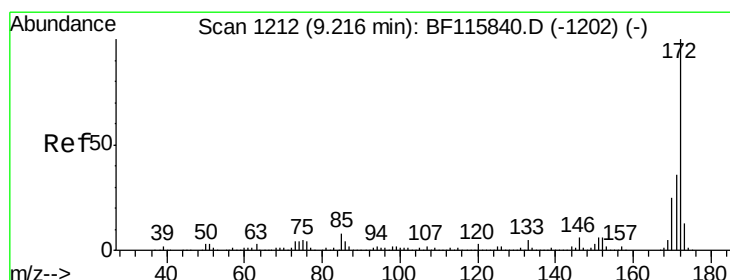
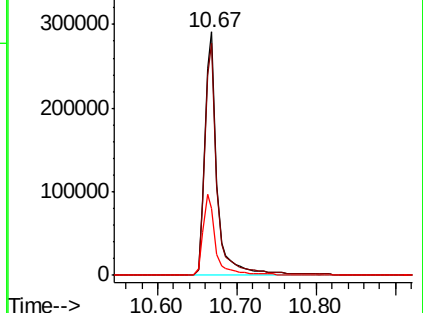
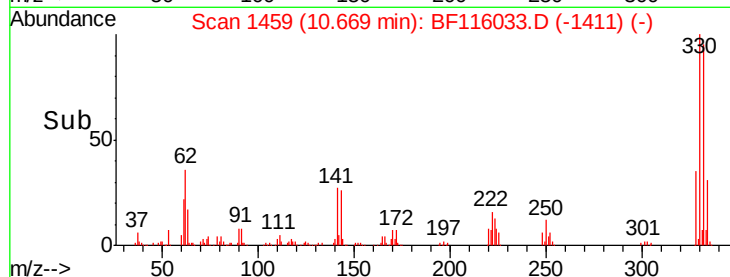
141 35.0 28.1 42.1



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45

2-Fluorobiphenyl

Concen: 106.851 ng

RT: 9.20 min Scan# 1209

Delta R.T. -0.02 min

Lab File: BF116033.D

Acq: 7 Aug 2019 00:15

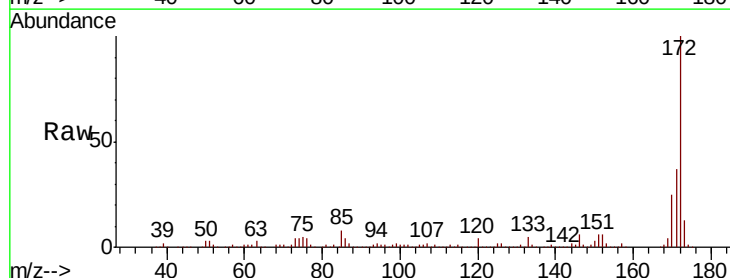
Tgt Ion:172 Resp: 1376337

Ion Ratio Lower Upper

172 100

171 36.8 29.1 43.7

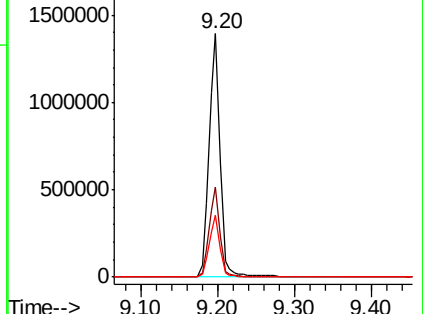
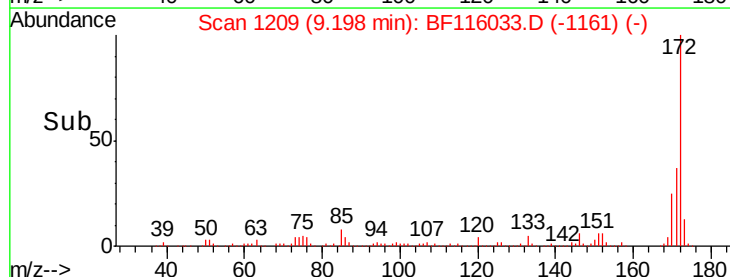
170 25.2 20.1 30.1

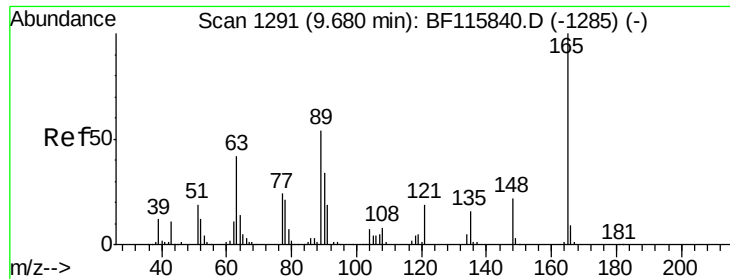


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

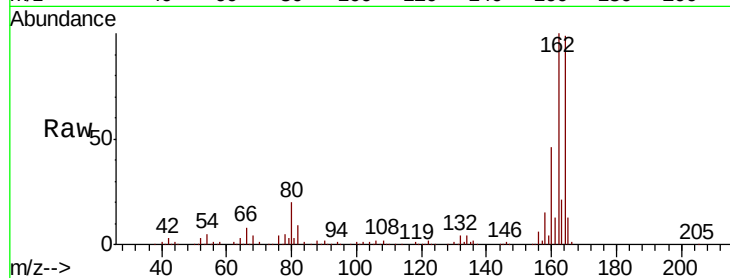




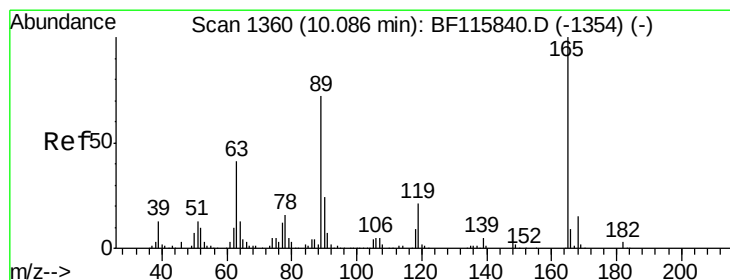
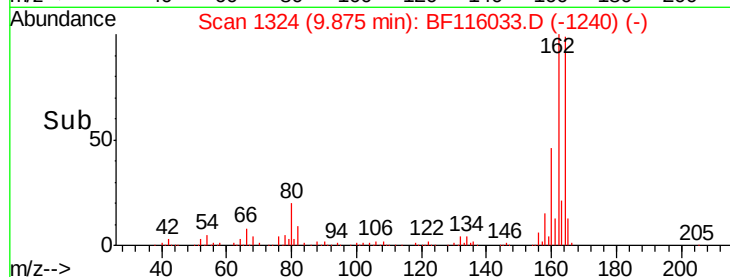
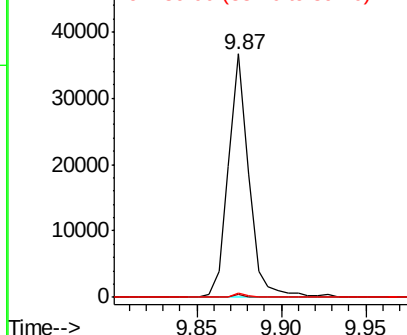
#51
 2,6-Dinitrotoluene
 Concen: 8.724 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. 0.19 min
 Lab File: BF116033.D
 Acq: 7 Aug 2019 00:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	39.4	59.2#
89	1.5	43.0	64.6#

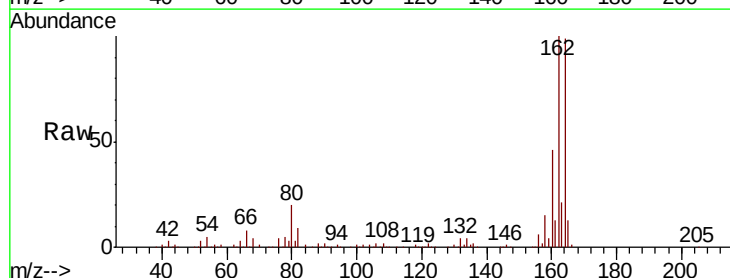


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

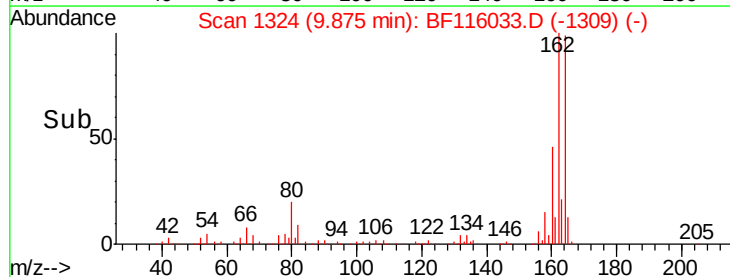
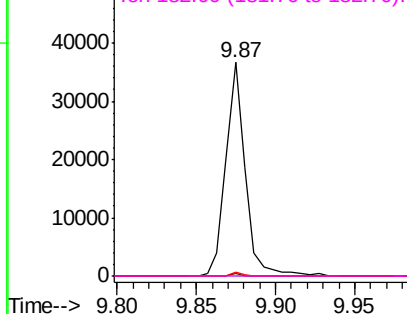


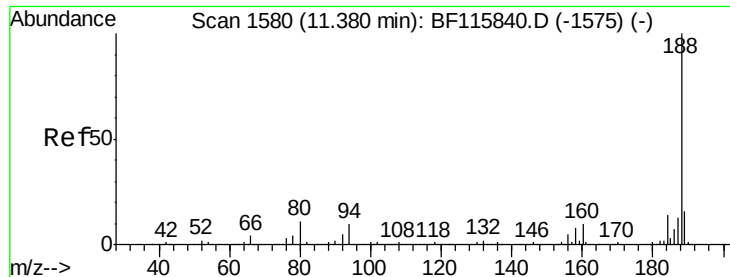
#57
 2,4-Dinitrotoluene
 Concen: 6.553 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.21 min
 Lab File: BF116033.D
 Acq: 7 Aug 2019 00:15

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	33.2	49.8#
89	1.5	57.3	85.9#
182	0.0	2.1	3.1#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

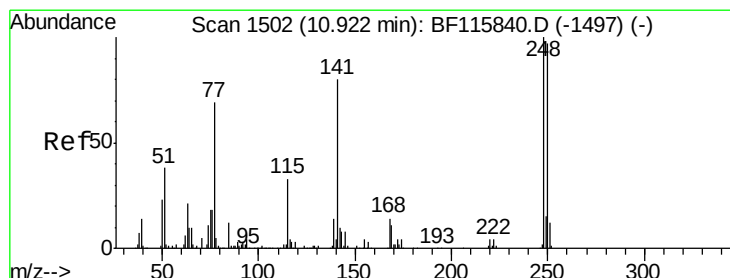
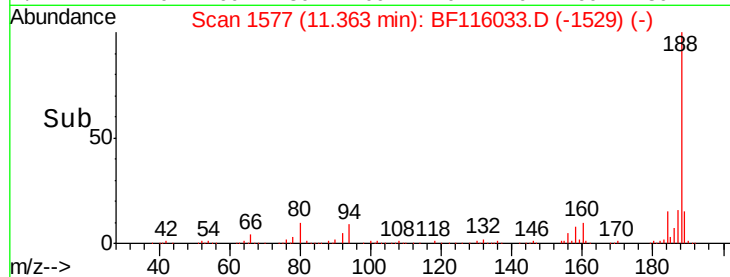
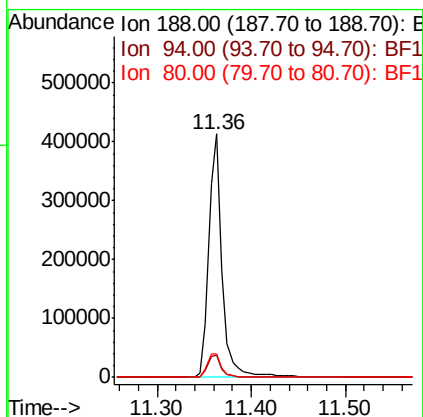
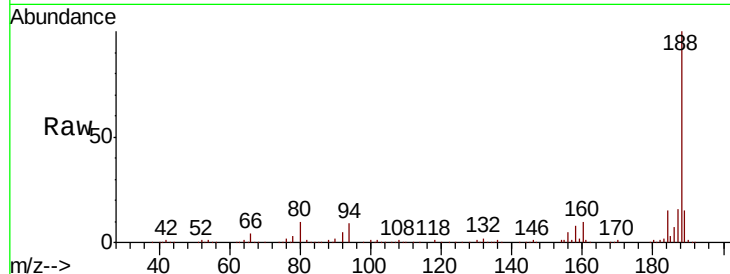




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. -0.02 min
 Lab File: BF116033.D
 Acq: 7 Aug 2019 00:15

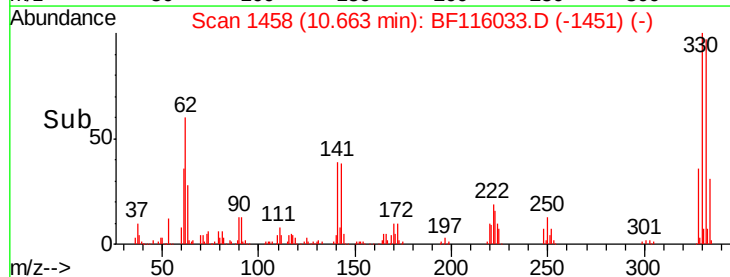
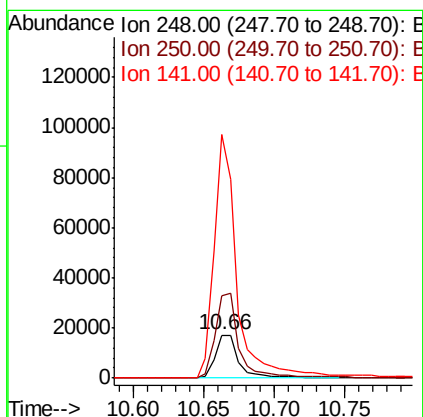
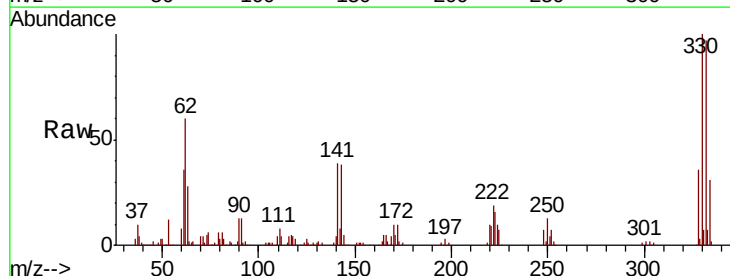
Instrument :
 BNA_F
 ClientSampleId :

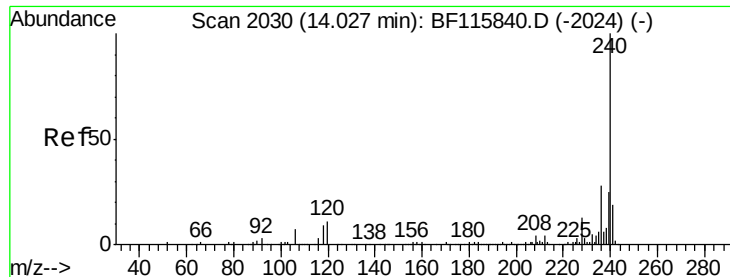
Tot Ion:188 Resp: 413626
 Ion Ratio Lower Upper
 188 100
 94 9.2 8.0 12.0
 80 9.8 8.6 12.8



#67
 4-Bromophenyl-phenylether
 Concen: 4.479 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.26 min
 Lab File: BF116033.D
 Acq: 7 Aug 2019 00:15

Tgt Ion:248 Resp: 19831
 Ion Ratio Lower Upper
 248 100
 250 194.3 77.8 116.6#
 141 570.0 64.3 96.5#

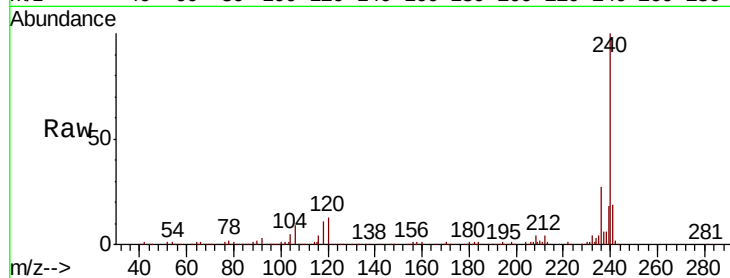




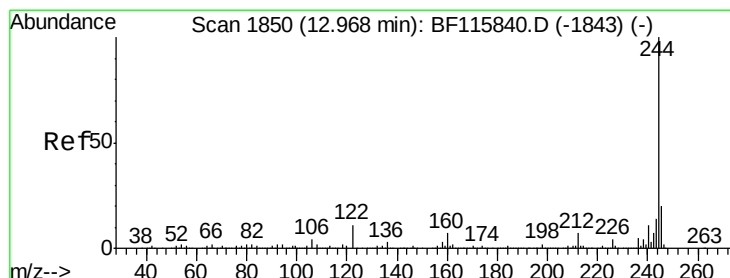
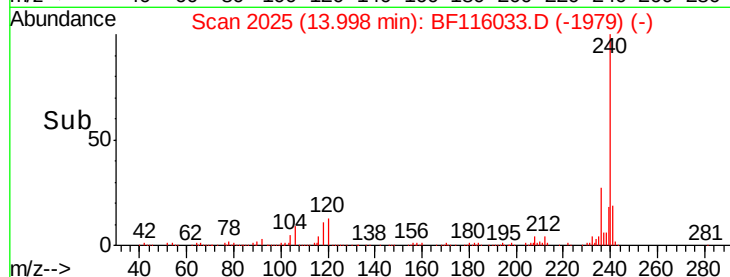
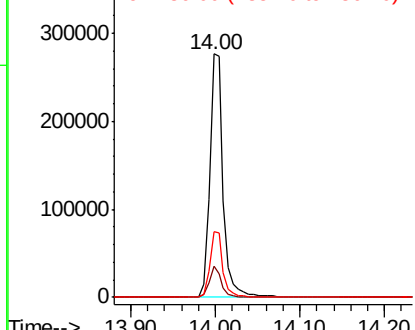
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.03 min
Lab File: BF116033.D
Acq: 7 Aug 2019 00:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:240 Resp: 307949
Ion Ratio Lower Upper
240 100
120 12.7 8.5 12.7
236 27.0 22.2 33.2

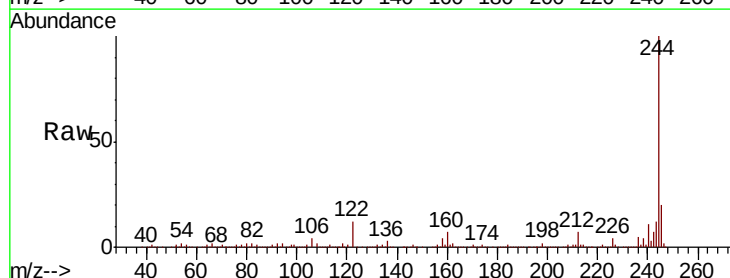


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

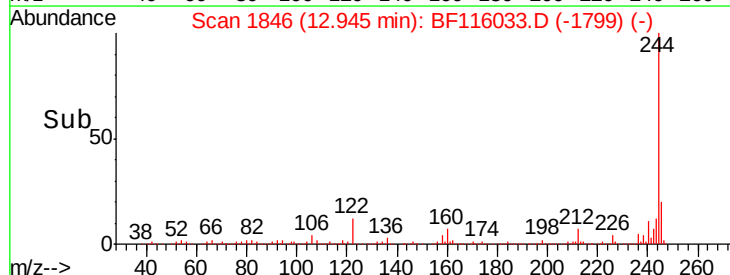
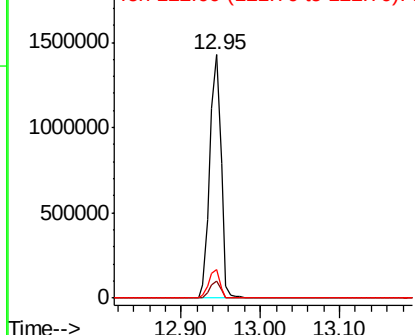


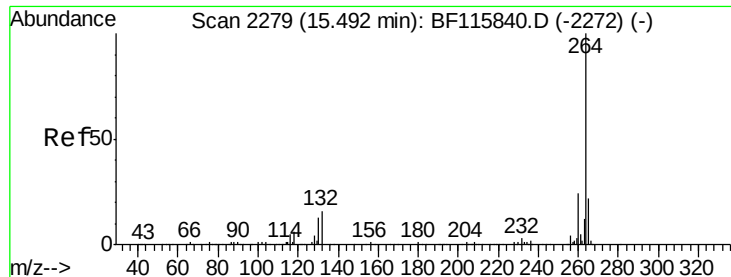
#79
Terphenyl-d14
Concen: 96.899 ng
RT: 12.95 min Scan# 1846
Delta R.T. -0.02 min
Lab File: BF116033.D
Acq: 7 Aug 2019 00:15

Tgt Ion:244 Resp: 1416114
Ion Ratio Lower Upper
244 100
212 7.1 5.6 8.4
122 11.9 8.6 13.0



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

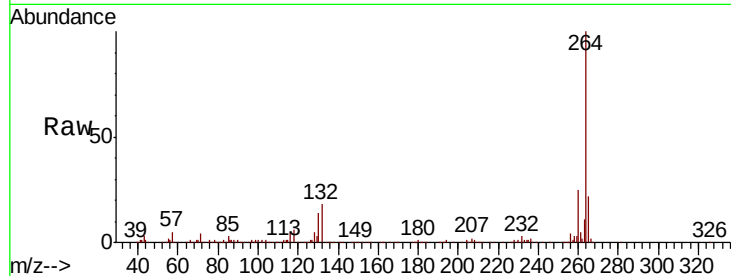




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.03 min
Lab File: BF116033.D
Acq: 7 Aug 2019 00:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	370647
Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.2
265	21.7	17.5	26.3



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

