

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052319\
 Data File : BF114524.D
 Acq On : 23 May 2019 14:22
 Operator : JU/SJ
 Sample : K2886-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 24 07:17:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 23 03:49:15 2019
 Response via : Initial Calibration

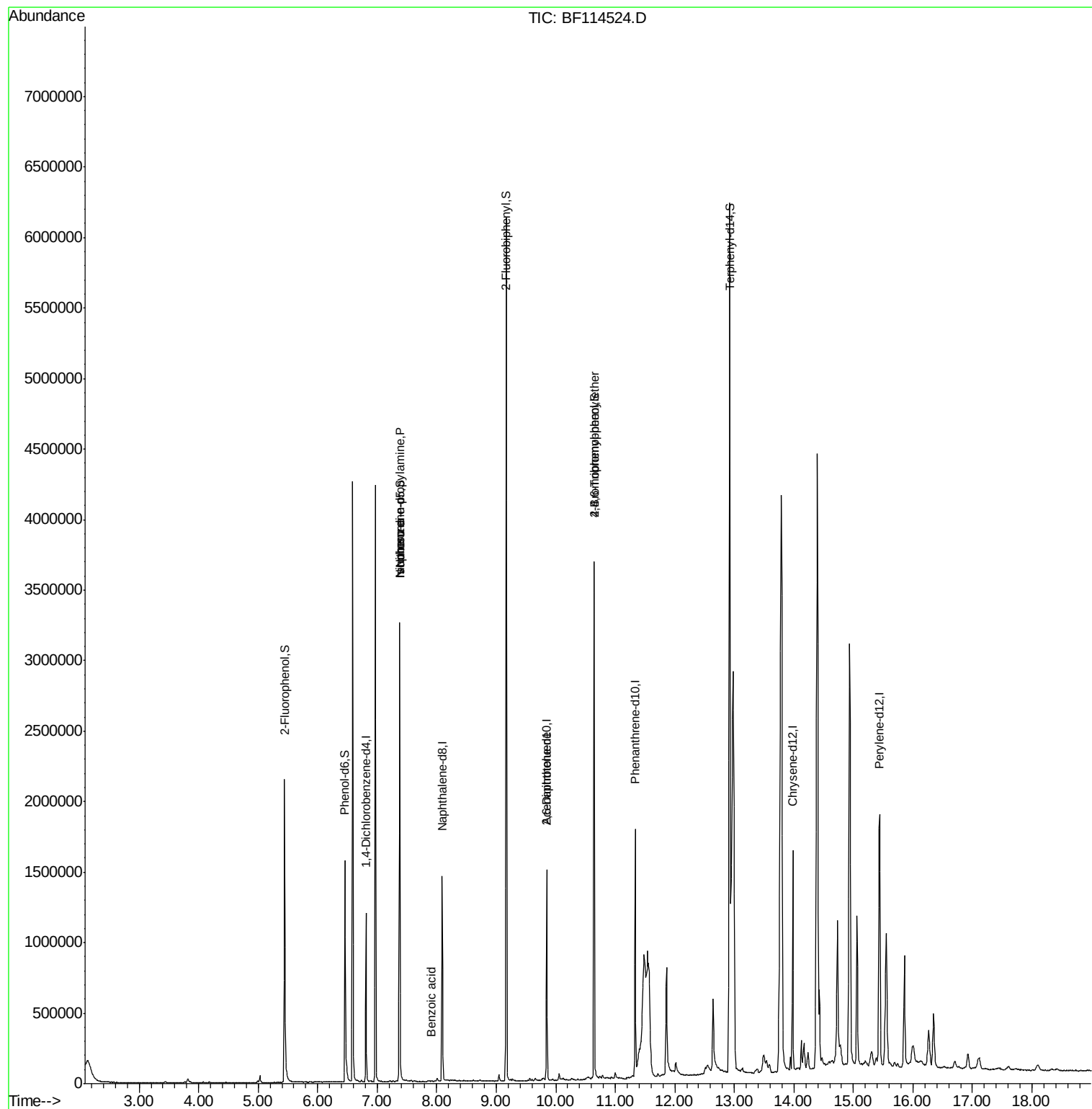
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	169002	20.00	ng	-0.03
21) Naphthalene-d8	8.09	136	635471	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	309568	20.00	ng	-0.03
64) Phenanthrene-d10	11.33	188	638931	20.00	ng	-0.02
76) Chrysene-d12	13.98	240	531520	20.00	ng	-0.02
87) Perylene-d12	15.44	264	535877	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	713366	67.93	ng	-0.02
7) Phenol-d6	6.46	99	594041	47.83	ng	-0.03
23) Nitrobenzene-d5	7.38	82	1124751	99.33	ng	-0.02
42) 2,4,6-Tribromophenol	10.65	330	471216	147.24	ng	-0.02
45) 2-Fluorobiphenyl	9.17	172	1940206	94.81	ng	-0.02
79) Terphenyl-d14	12.92	244	2210288	85.72	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.38	70	150489	19.115	ng	# 75
25) Isophorone	7.38	82	1124742	53.558	ng	# 64
32) Benzoic acid	7.90	122	131	7.039	ng	# 1
51) 2,6-Dinitrotoluene	9.85	165	39744	7.885	ng	# 22
67) 4-Bromophenyl-phenylether	10.65	248	30787	4.376	ng	# 1

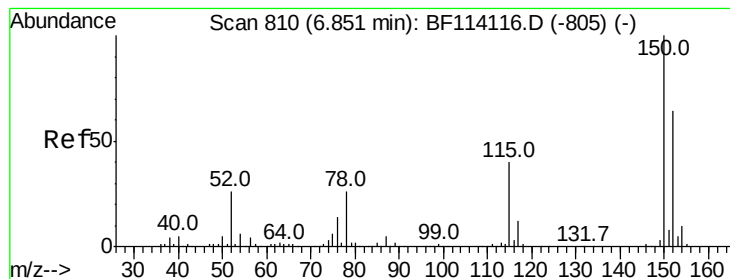
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



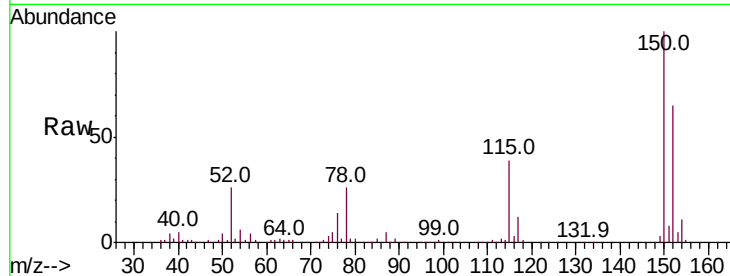


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.03 min
Lab File: BF114524.D
Acq: 23 May 2019 14:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	124.3	186.5
115	60.1	49.1	73.7

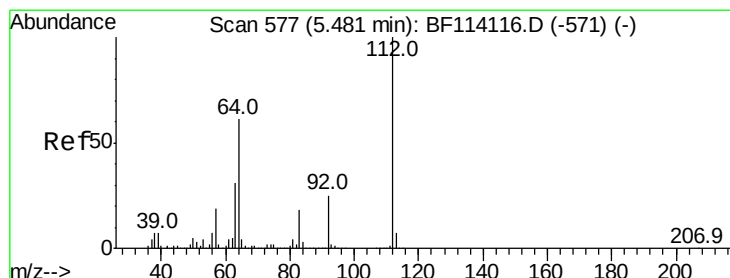
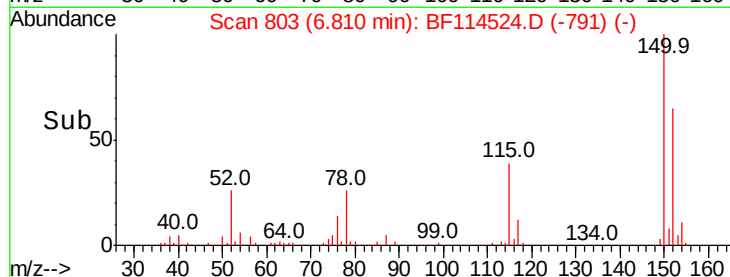
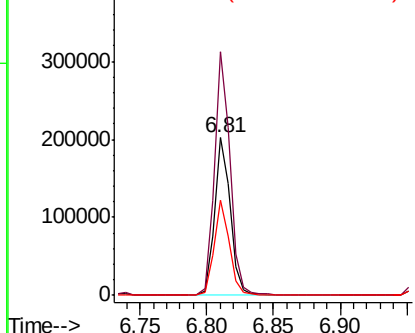


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

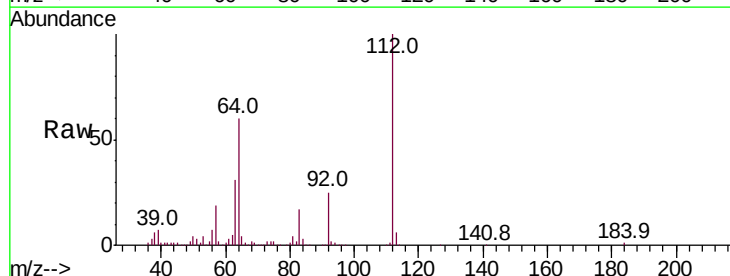
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 67.928 ng
RT: 5.45 min Scan# 571
Delta R.T. -0.02 min
Lab File: BF114524.D
Acq: 23 May 2019 14:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.1	49.0	73.6
63	30.5	24.6	37.0

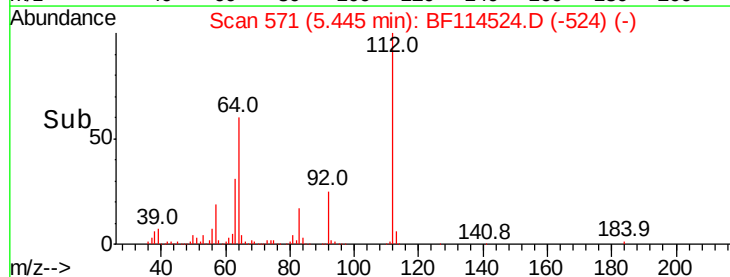
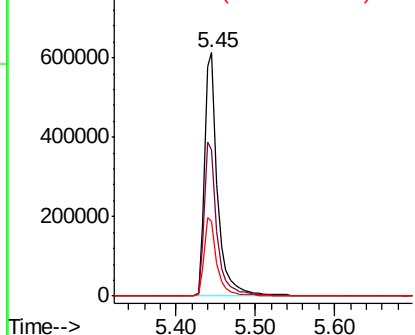


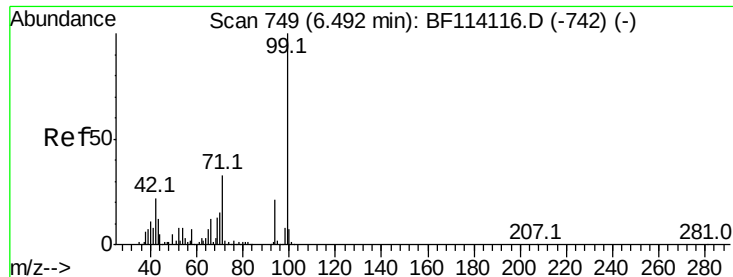
Abundance

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: 47.826 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.03 min

Lab File: BF114524.D

Acq: 23 May 2019 14:22

Instrument :

BNA_F

ClientSampleId :

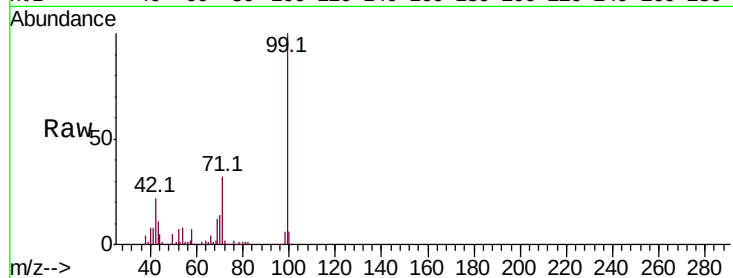
Tot Ion: 99 Resp: 594041

Ion Ratio Lower Upper

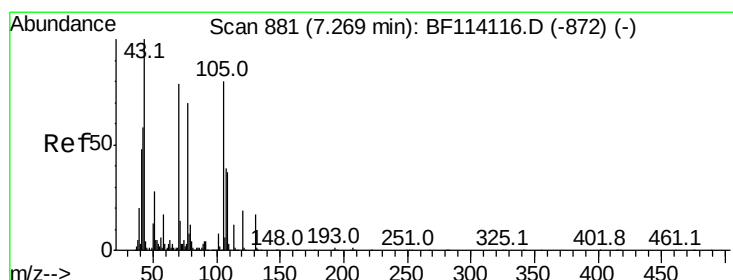
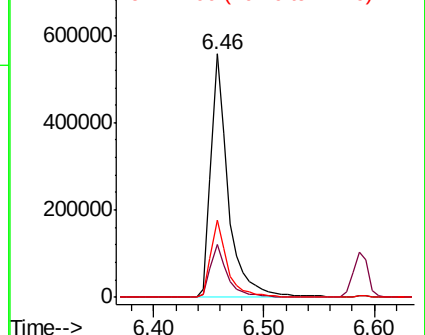
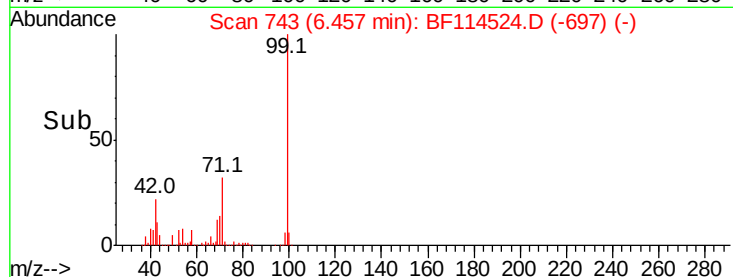
99 100

42 21.8 17.9 26.9

71 31.9 26.2 39.2



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



#19

n-Nitroso-di-n-propylamine

Concen: 19.115 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.12 min

Lab File: BF114524.D

Acq: 23 May 2019 14:22

Tgt Ion: 70 Resp: 150489

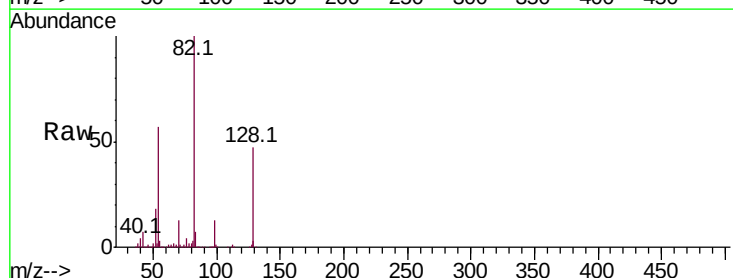
Ion Ratio Lower Upper

70 100

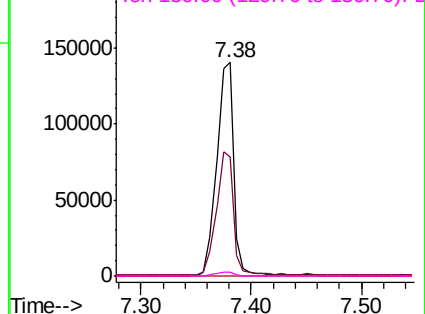
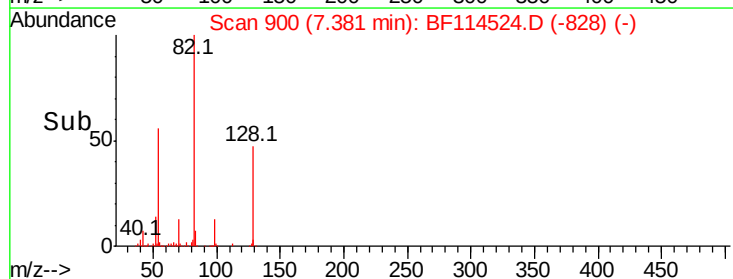
42 55.8 58.6 87.8#

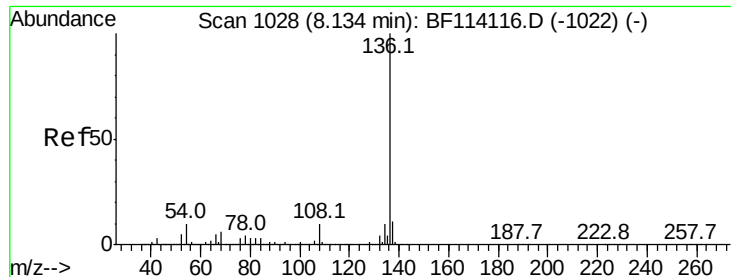
101 0.0 7.8 11.8#

130 2.0 17.1 25.7#



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

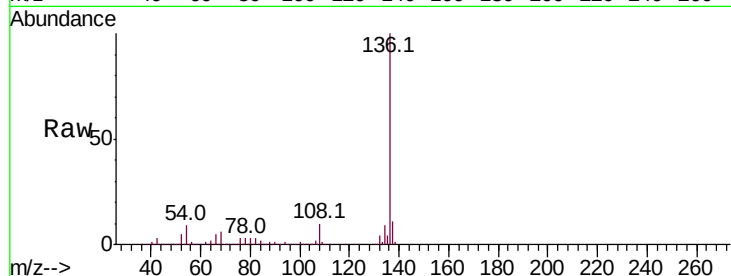




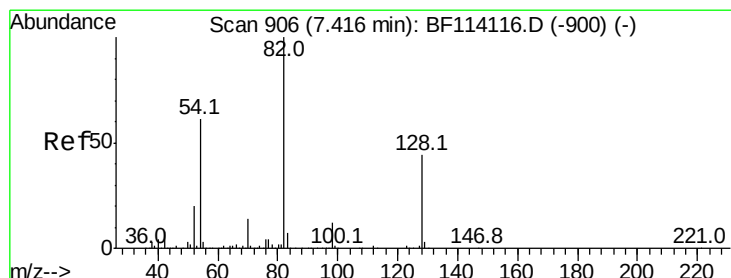
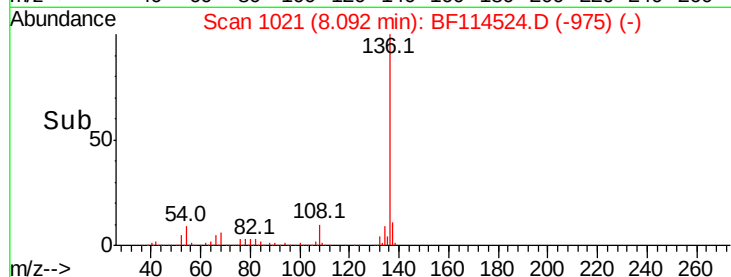
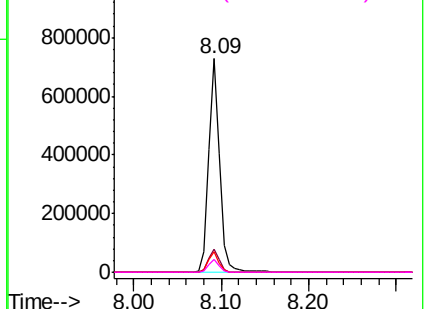
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.03 min
Lab File: BF114524.D
Acq: 23 May 2019 14:22

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	635471	
Ion Ratio	Lower	Upper	
136 100			
137 11.0	8.8	13.2	
54 9.4	7.8	11.8	
68 6.0	5.1	7.7	

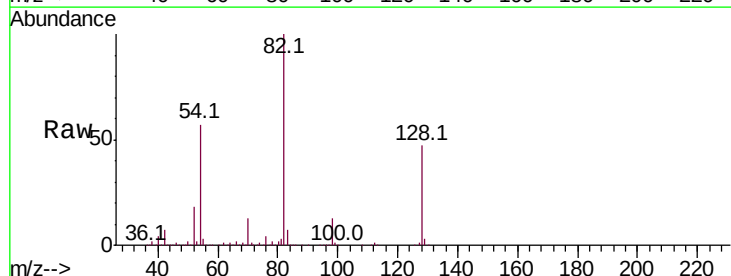


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

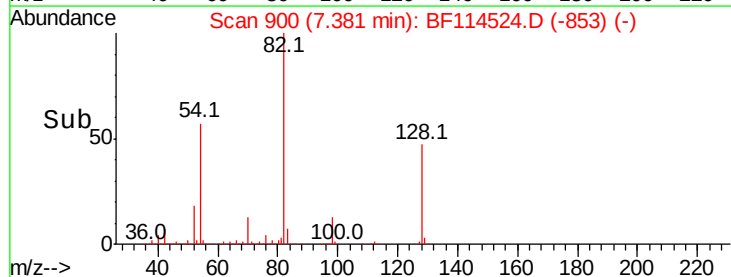
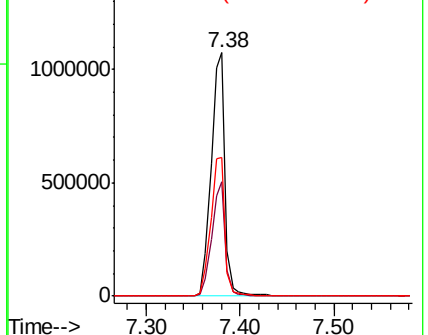


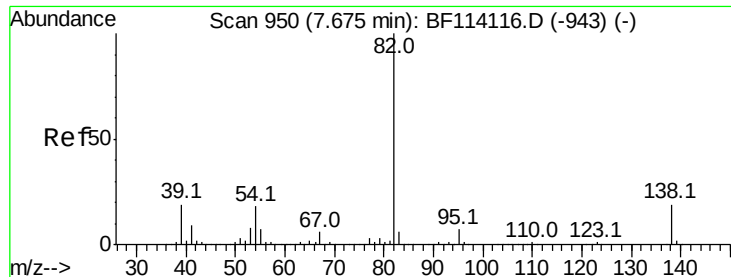
#23
Nitrobenzene-d5
Concen: 99.330 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.02 min
Lab File: BF114524.D
Acq: 23 May 2019 14:22

Tgt Ion: 82	Resp: 1124751
Ion Ratio	Lower Upper
82 100	
128 46.8	35.5 53.3
54 57.1	48.5 72.7



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: 53.558 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.28 min

Lab File: BF114524.D

Acq: 23 May 2019 14:22

Instrument :

BNA_F

ClientSampled :

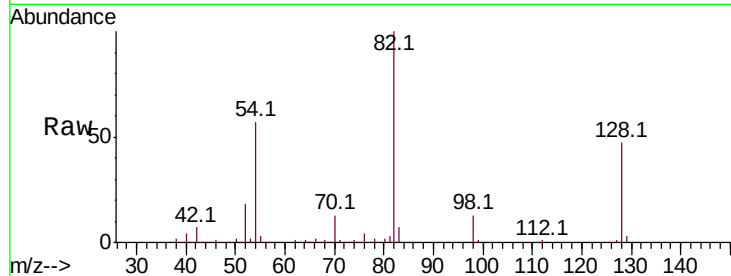
Tot Ion: 82 Resp: 1124742

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

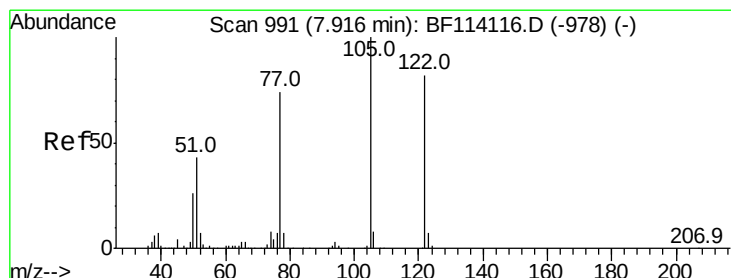
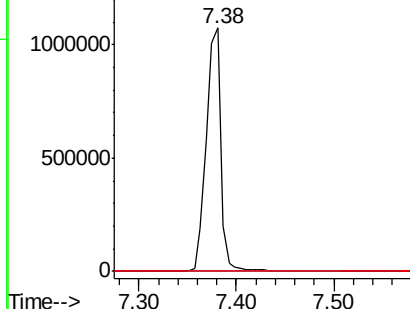
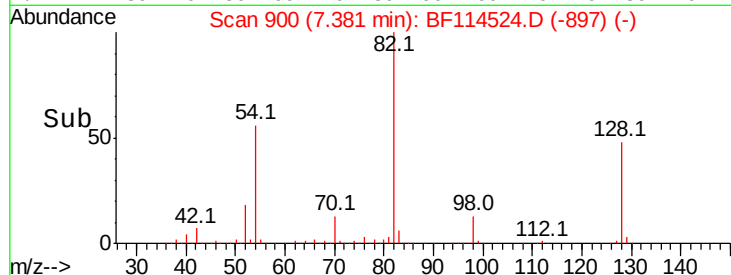
138 0.0 14.8 22.2#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#32

Benzoic acid

Concen: 7.039 ng

RT: 7.90 min Scan# 989

Delta R.T. -0.03 min

Lab File: BF114524.D

Acq: 23 May 2019 14:22

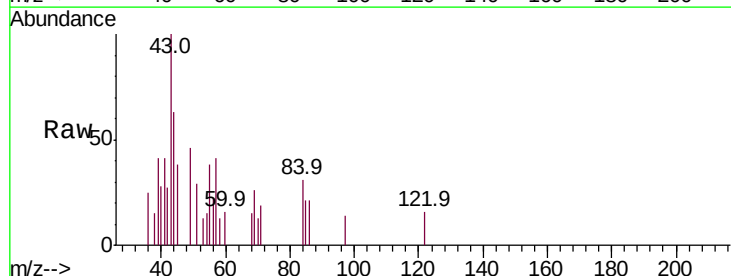
Tgt Ion:122 Resp: 131

Ion Ratio Lower Upper

122 100

105 0.0 99.9 139.9#

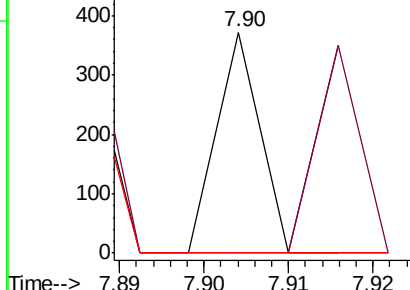
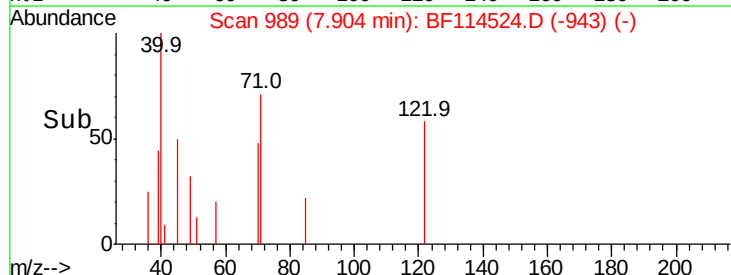
77 0.0 69.4 109.4#

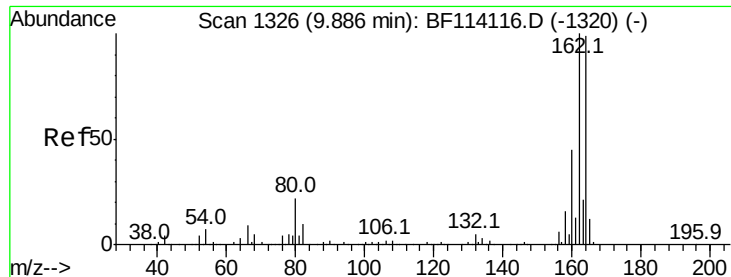


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

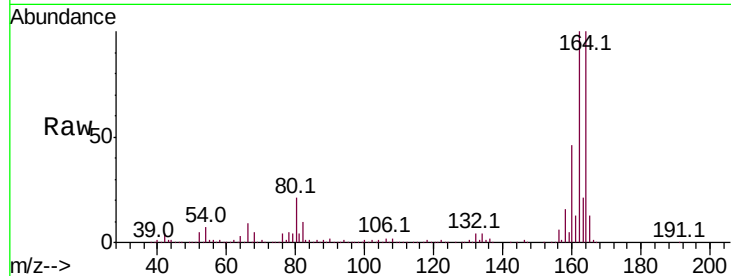




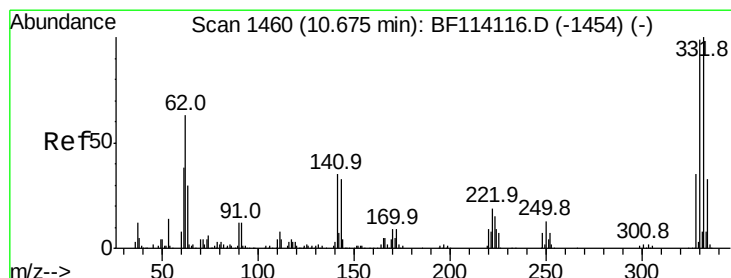
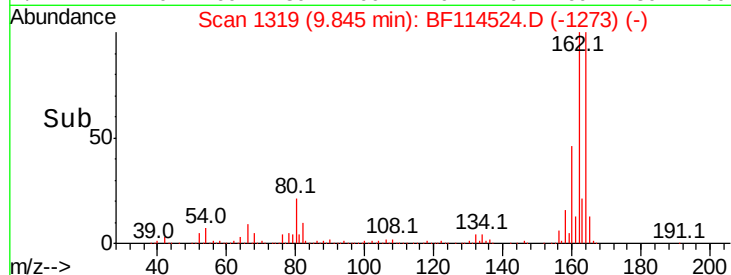
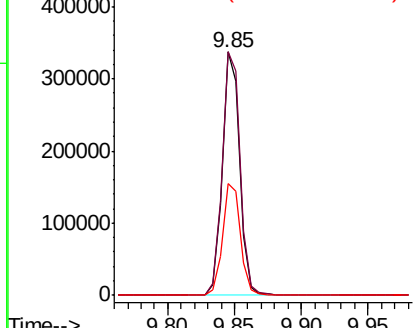
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.03 min
Lab File: BF114524.D
Acq: 23 May 2019 14:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.0	80.6	120.8
160	46.2	36.5	54.7

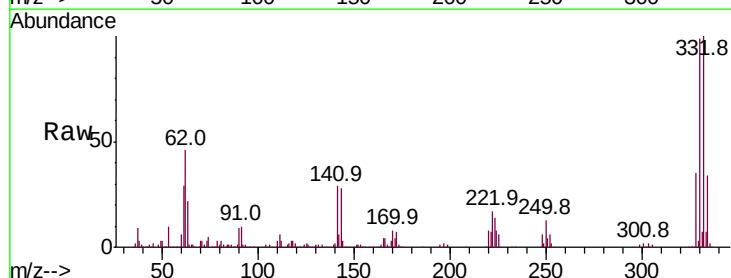


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

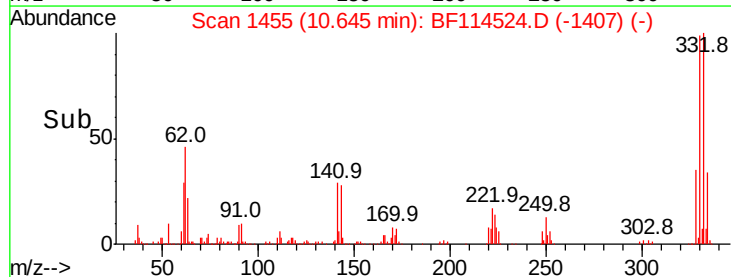
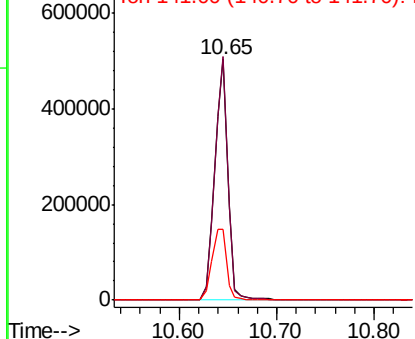


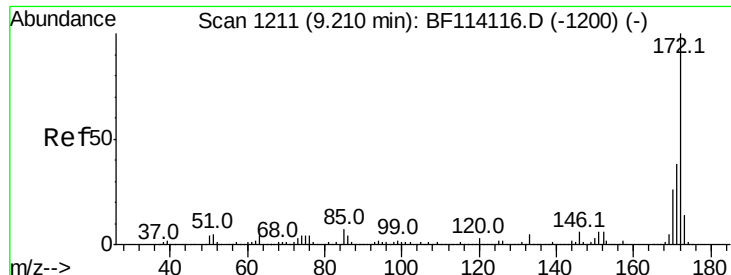
#42
2,4,6-Tribromophenol
Concen: 147.236 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.02 min
Lab File: BF114524.D
Acq: 23 May 2019 14:22

Tgt Ion	Ratio	Lower	Upper
330	100		
332	100.3	81.4	122.2
141	33.4	26.6	40.0



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



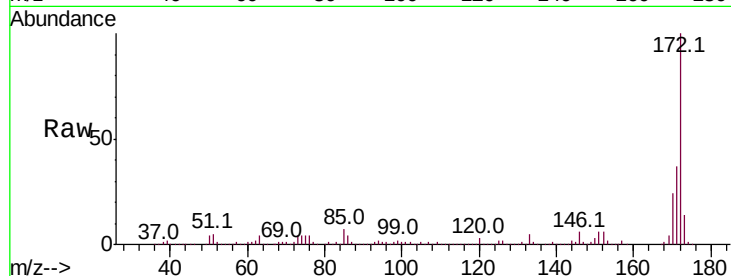


#45
 2-Fluorobiphenyl
 Concen: 94.806 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.02 min
 Lab File: BF114524.D
 Acq: 23 May 2019 14:22

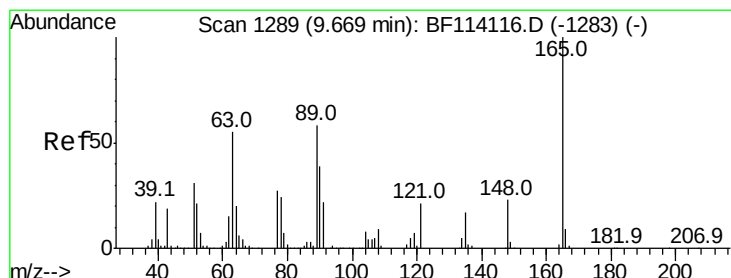
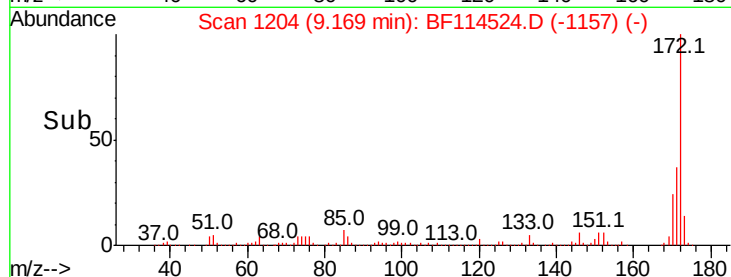
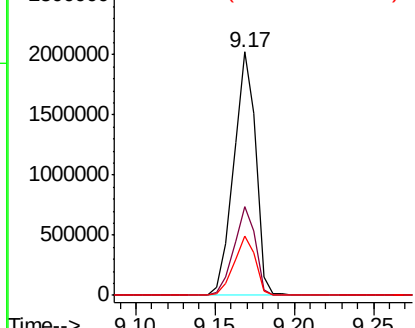
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 1940206

Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.7	46.1
170	24.4	20.5	30.7



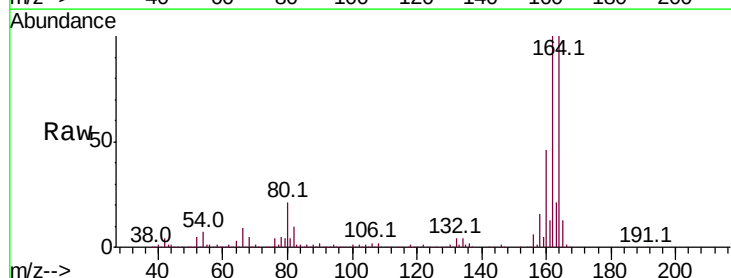
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



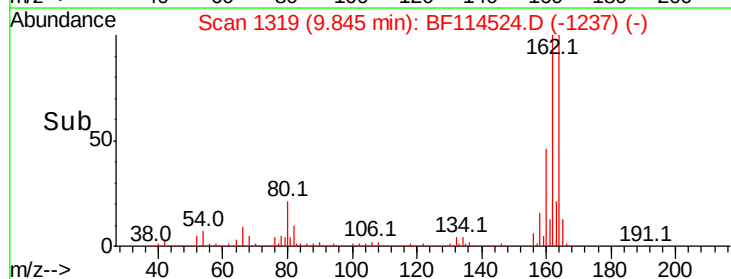
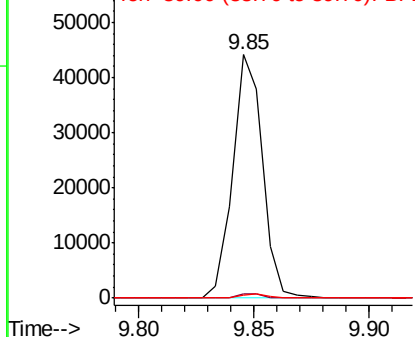
#51
 2,6-Dinitrotoluene
 Concen: 7.885 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.18 min
 Lab File: BF114524.D
 Acq: 23 May 2019 14:22

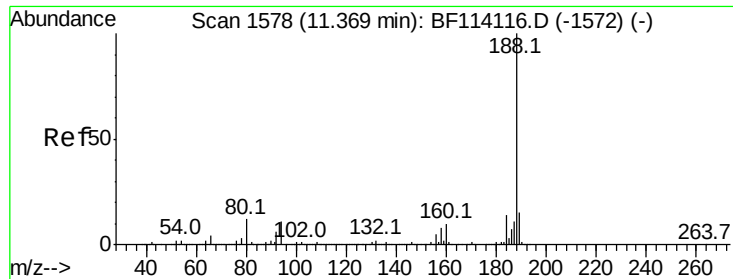
Tgt Ion:165 Resp: 39744

Ion	Ratio	Lower	Upper
165	100		
63	1.6	50.2	75.4#
89	1.3	46.6	69.8#



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

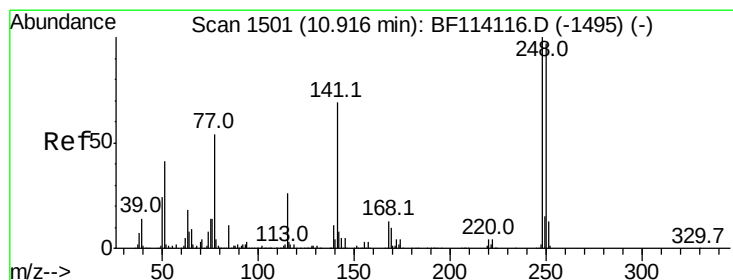
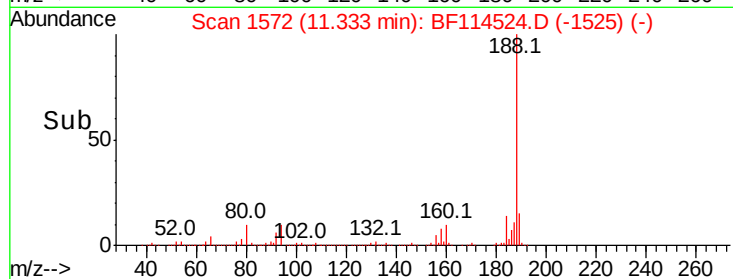
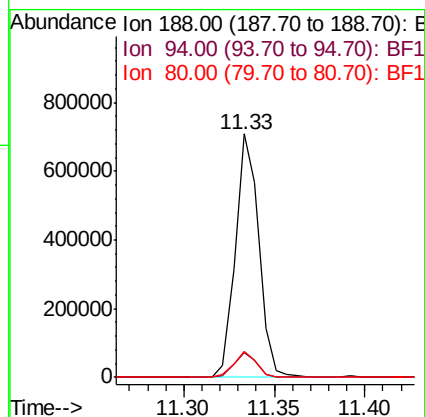
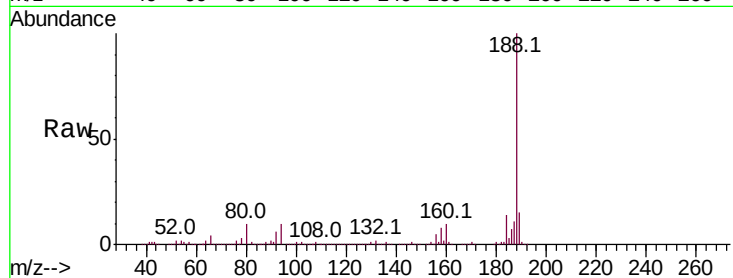




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.02 min
Lab File: BF114524.D
Acq: 23 May 2019 14:22

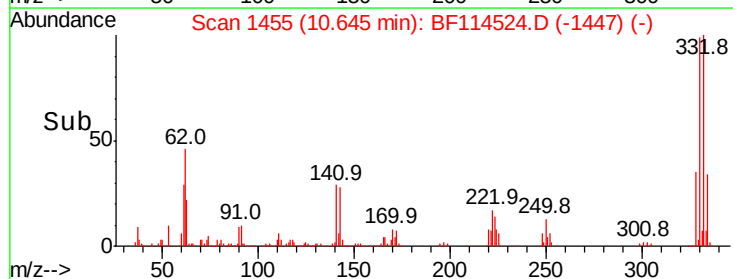
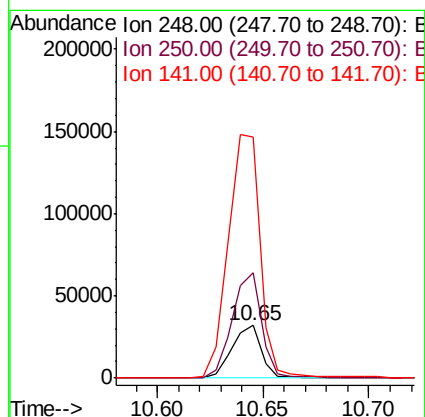
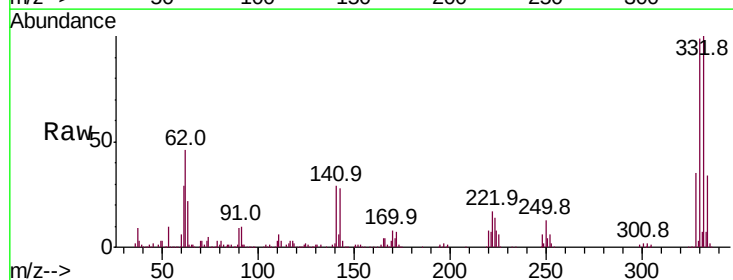
Instrument :
BNA_F
ClientSampleId :

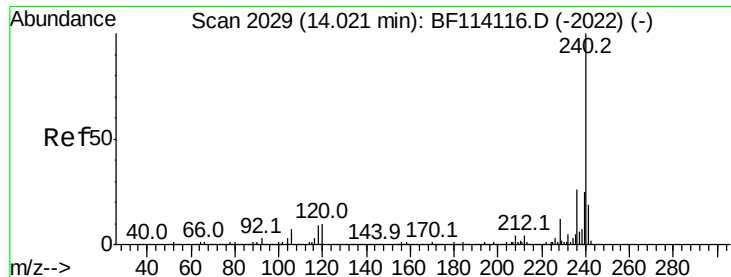
Tot Ion:188 Resp: 638931
Ion Ratio Lower Upper
188 100
94 10.1 8.4 12.6
80 10.5 9.2 13.8



#67
4-Bromophenyl-phenylether
Concen: 4.376 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.25 min
Lab File: BF114524.D
Acq: 23 May 2019 14:22

Tgt Ion:248 Resp: 30787
Ion Ratio Lower Upper
248 100
250 199.6 77.4 116.2#
141 459.7 55.6 83.4#

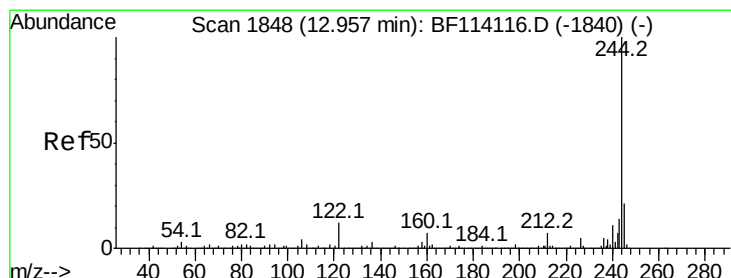
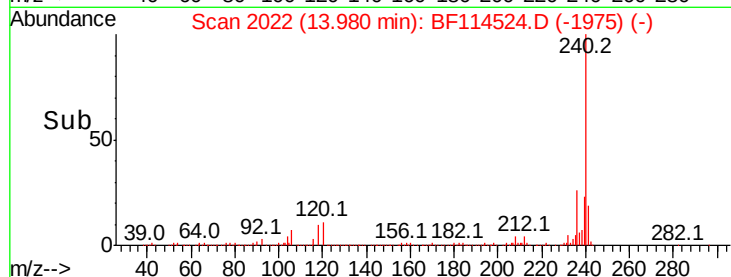
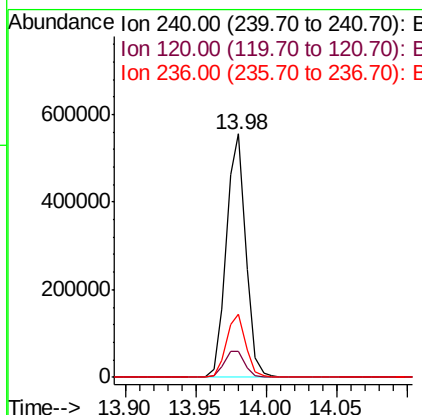
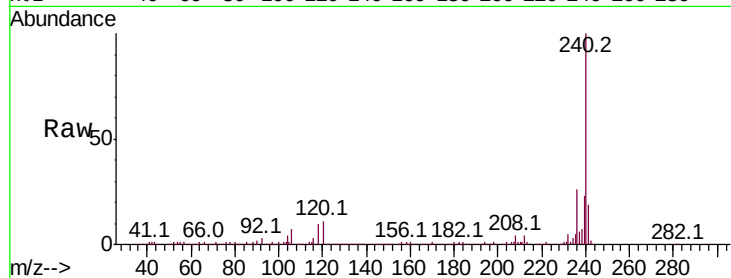




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.02 min
 Lab File: BF114524.D
 Acq: 23 May 2019 14:22

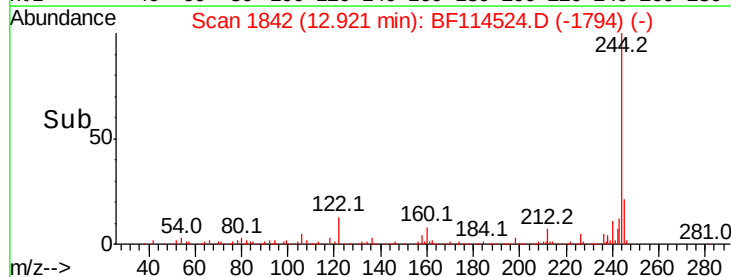
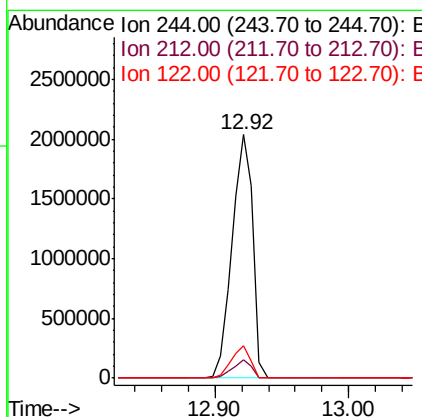
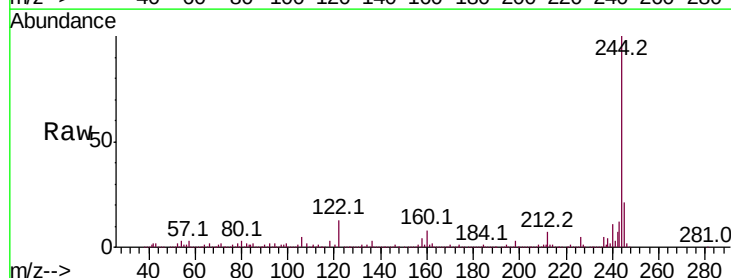
Instrument :
 BNA_F
 ClientSampleId :

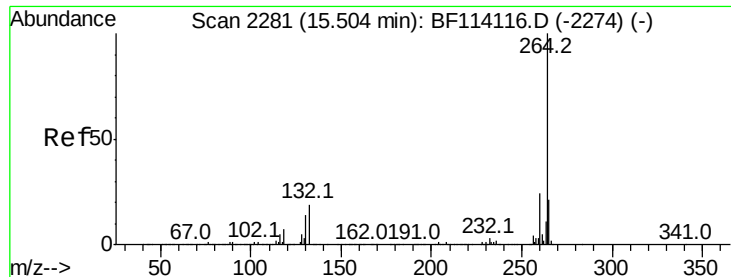
Tot Ion:240 Resp: 531520
 Ion Ratio Lower Upper
 240 100
 120 10.9 8.3 12.5
 236 25.9 20.8 31.2



#79
 Terphenyl-d14
 Concen: 85.723 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. -0.02 min
 Lab File: BF114524.D
 Acq: 23 May 2019 14:22

Tgt Ion:244 Resp: 2210288
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.8 8.6
 122 13.3 9.4 14.2

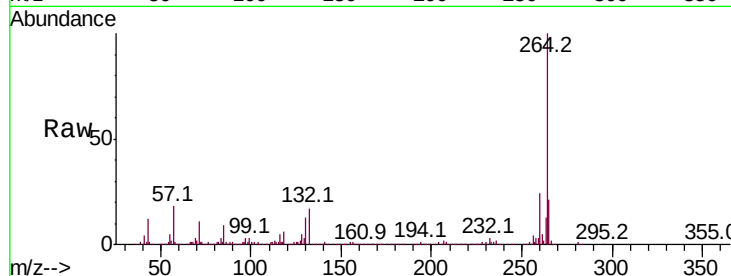




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2271
 Delta R.T. -0.02 min
 Lab File: BF114524.D
 Acq: 23 May 2019 14:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.0
265	21.1	16.9	25.3



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

