

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081519\
 Data File : BF116276.D
 Acq On : 15 Aug 2019 13:53
 Operator : HP/JU
 Sample : K4088-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-081219

Quant Time: Aug 15 15:02:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

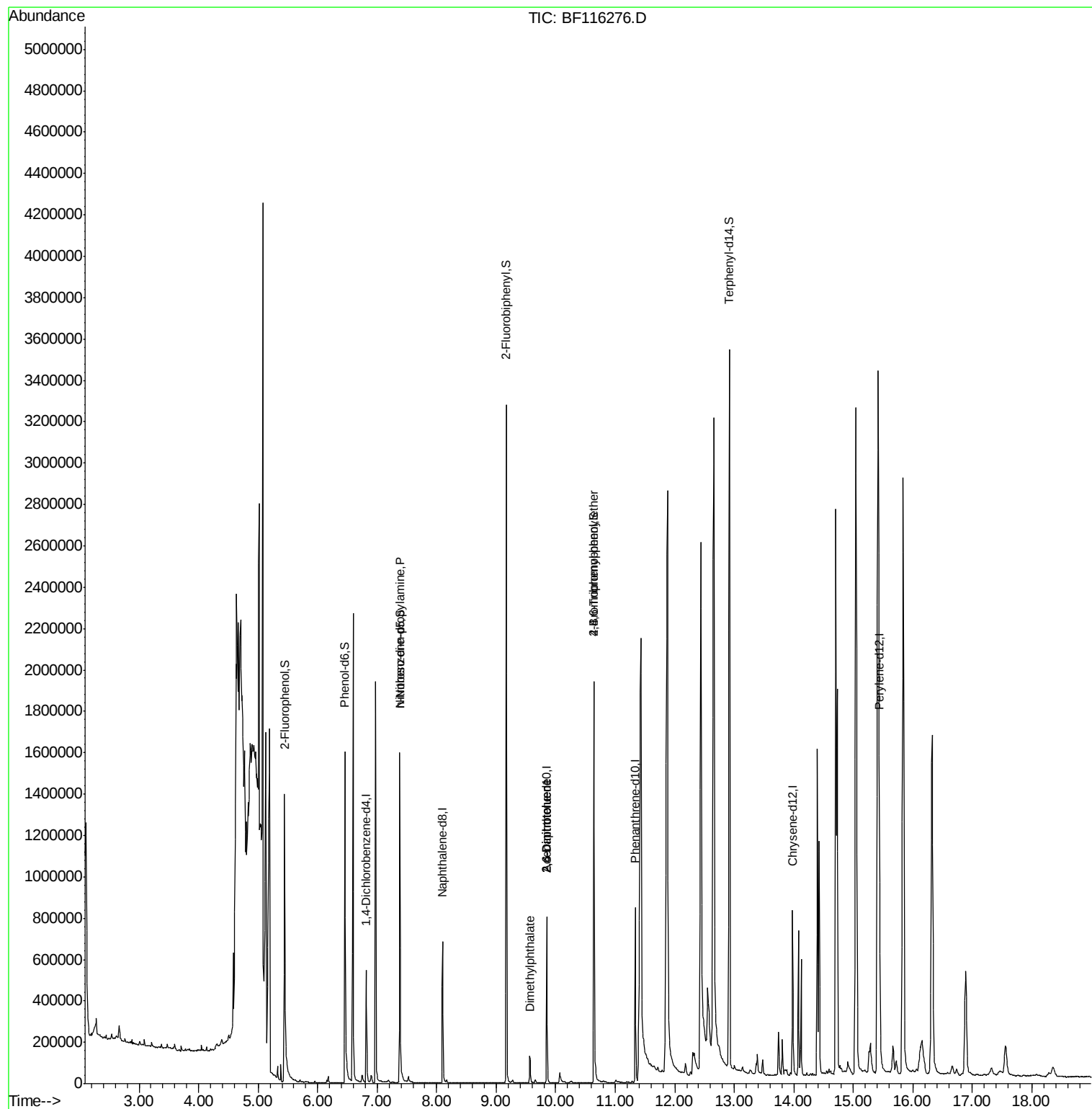
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	82459	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	309614	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	174841	20.00	ng	-0.04
64) Phenanthrene-d10	11.33	188	328796	20.00	ng	-0.04
76) Chrysene-d12	13.98	240	310299	20.00	ng	-0.03
87) Perylene-d12	15.44	264	326837	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	556954	113.07	ng	-0.03
7) Phenol-d6	6.46	99	651098	104.77	ng	-0.03
23) Nitrobenzene-d5	7.38	82	529649	98.75	ng	-0.04
42) 2,4,6-Tribromophenol	10.64	330	257925	152.16	ng	-0.04
45) 2-Fluorobiphenyl	9.17	172	988159	105.86	ng	-0.04
79) Terphenyl-d14	12.92	244	1300943	88.34	ng	-0.04
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.38	70	71148	18.475	ng	Qvalue # 78
50) Dimethylphthalate	9.56	163	56084	4.711	ng	100
51) 2,6-Dinitrotoluene	9.85	165	22545	8.714	ng	# 28
57) 2,4-Dinitrotoluene	9.85	165	22545	6.545	ng	# 20
67) 4-Bromophenyl-phenylether	10.64	248	15046	4.275	ng	# 1

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

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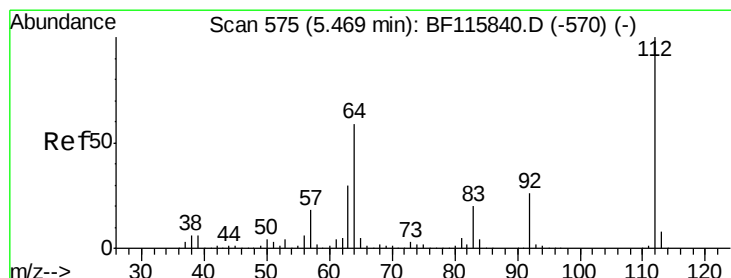
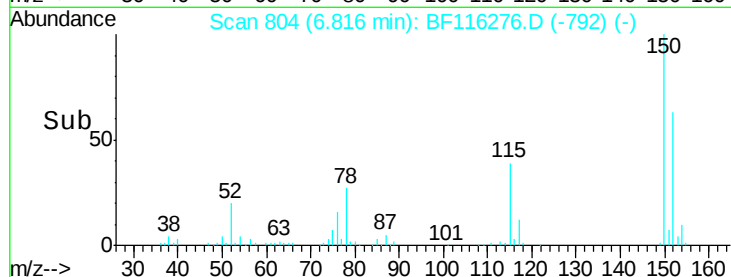
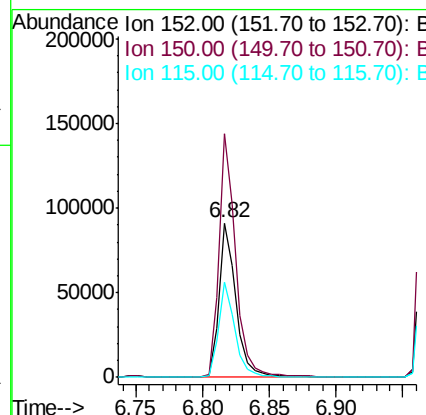
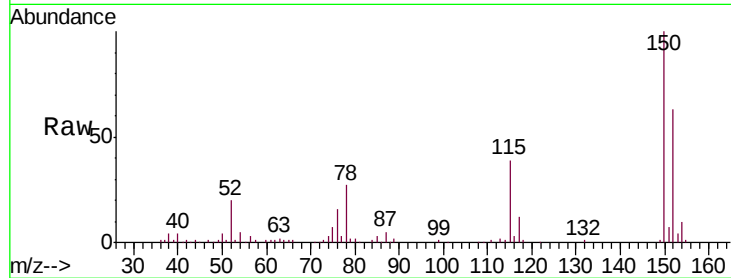




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.03 min
 Lab File: BF116276.D
 Acq: 15 Aug 2019 13:53

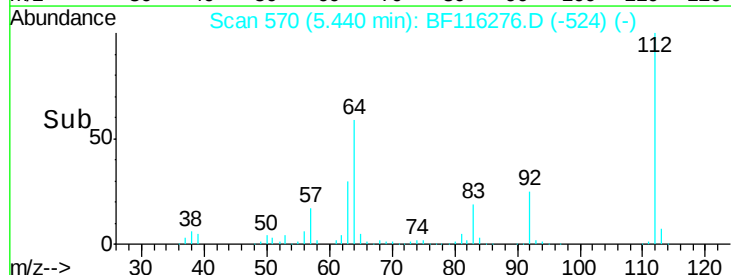
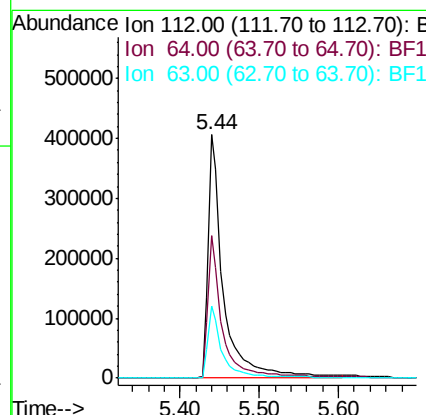
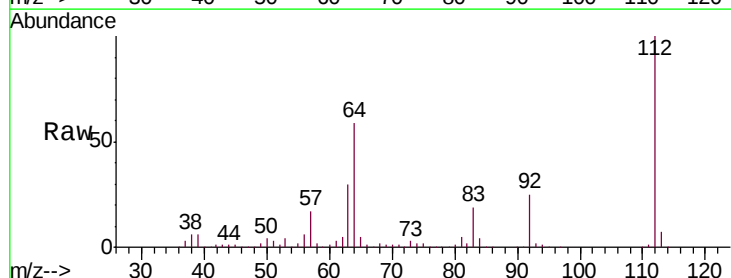
Instrument :
 BNA_F
 ClientSampleId :
 CL-01-081219

Tgt Ion:152 Resp: 82459
 Ion Ratio Lower Upper
 152 100
 150 157.5 126.2 189.2
 115 61.8 49.9 74.9



#5
 2-Fluorophenol
 Concen: 113.071 ng
 RT: 5.44 min Scan# 570
 Delta R.T. -0.03 min
 Lab File: BF116276.D
 Acq: 15 Aug 2019 13:53

Tgt Ion:112 Resp: 556954
 Ion Ratio Lower Upper
 112 100
 64 58.5 45.4 68.2
 63 29.7 23.7 35.5





#7

Phenol-d6

Concen: 104.769 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.03 min

Lab File: BF116276.D

Acq: 15 Aug 2019 13:53

Instrument :

BNA_F

ClientSampleId :

CL-01-081219

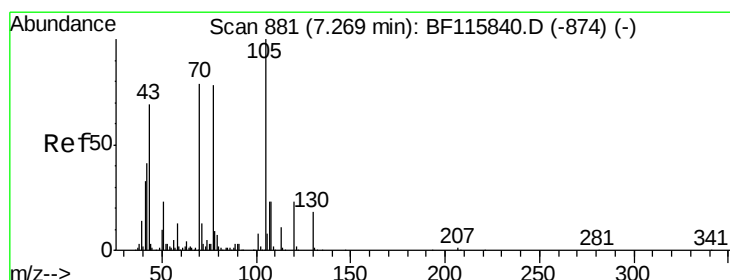
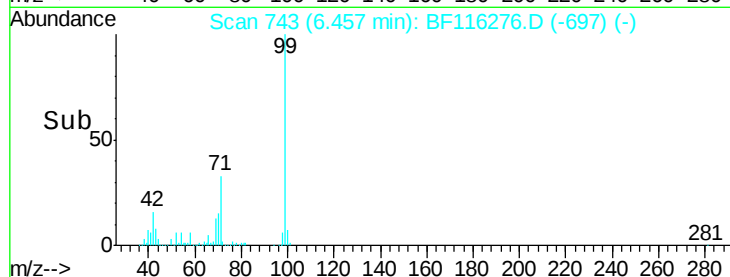
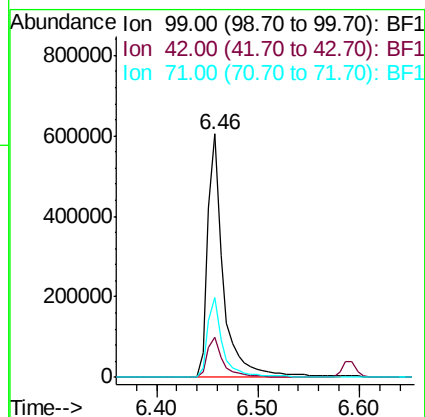
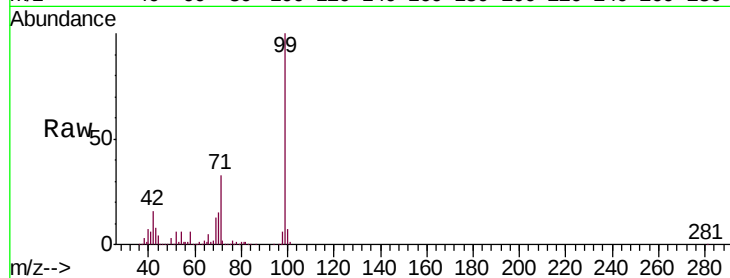
Tgt Ion: 99 Resp: 651098

Ion Ratio Lower Upper

99 100

42 16.2 13.8 20.8

71 32.5 27.3 40.9



#19

n-Nitroso-di-n-propylamine

Concen: 18.475 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.11 min

Lab File: BF116276.D

Acq: 15 Aug 2019 13:53

Tgt Ion: 70 Resp: 71148

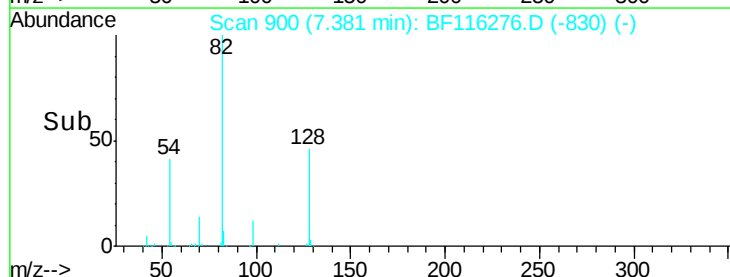
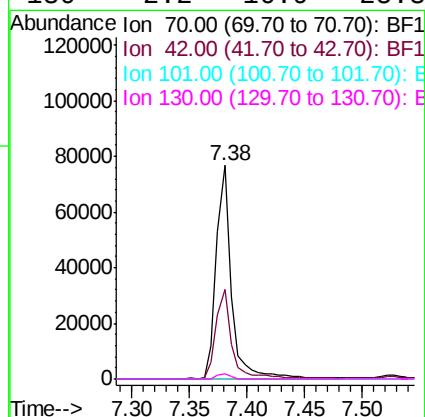
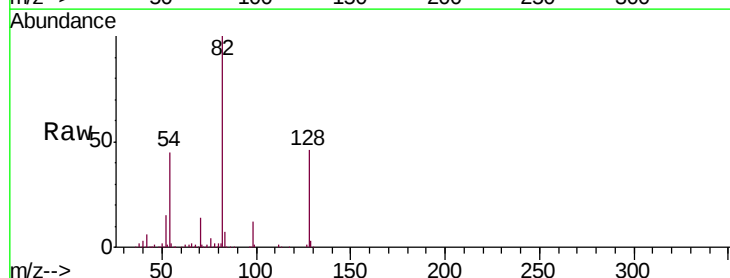
Ion Ratio Lower Upper

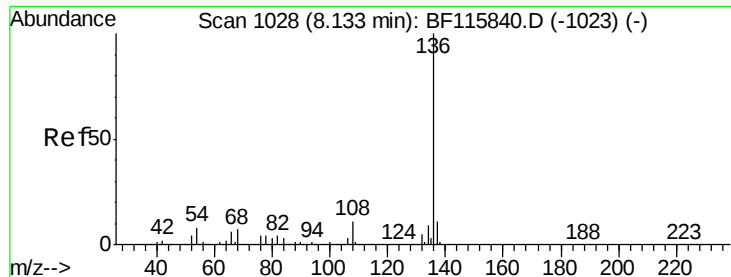
70 100

42 42.2 40.9 61.3

101 0.0 7.9 11.9#

130 2.2 16.9 25.3#

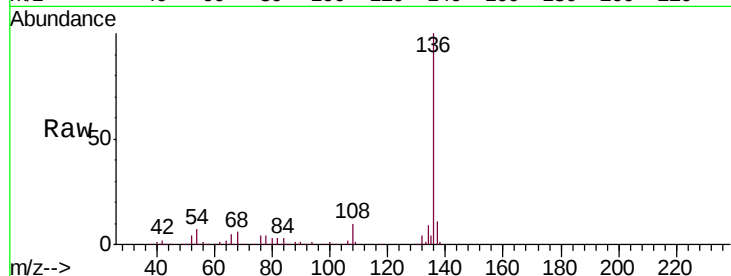




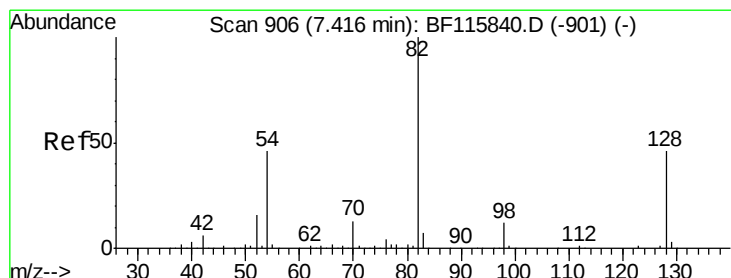
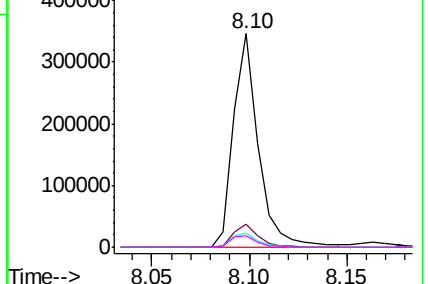
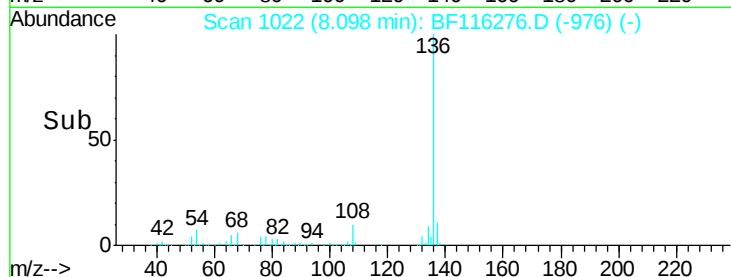
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.03 min
Lab File: BF116276.D
Acq: 15 Aug 2019 13:53

Instrument :
BNA_F
ClientSampleId :
CL-01-081219

Tgt Ion:	136	Resp:	309614
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	6.6	5.8	8.6
68	5.7	5.2	7.8

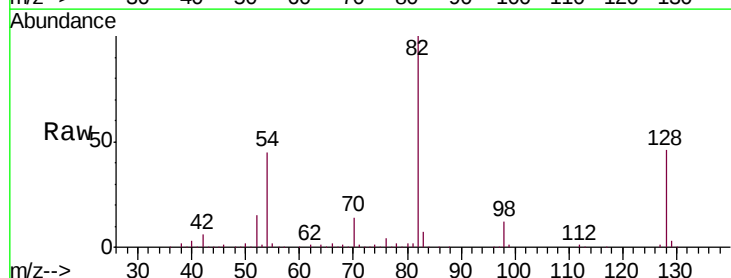


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

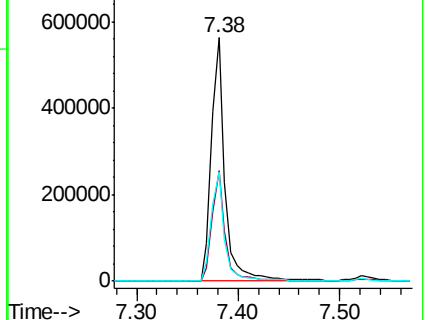
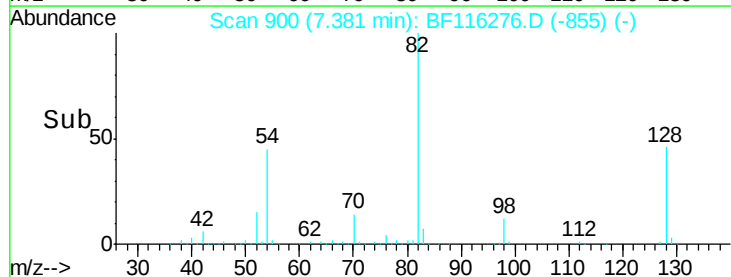


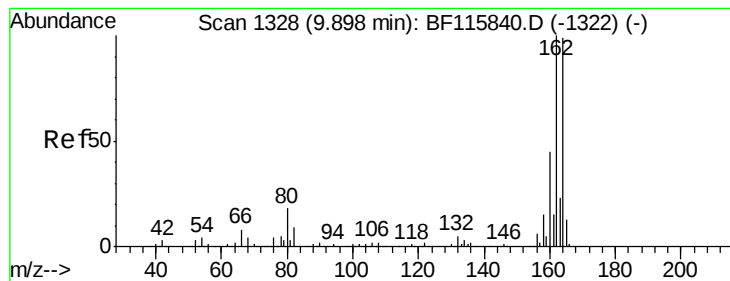
#23
Nitrobenzene-d5
Concen: 98.745 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.04 min
Lab File: BF116276.D
Acq: 15 Aug 2019 13:53

Tgt Ion:	82	Resp:	529649
Ion	Ratio	Lower	Upper
82	100		
128	45.5	36.5	54.7
54	44.6	36.0	54.0



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.04 min

Lab File: BF116276.D

Acq: 15 Aug 2019 13:53

Instrument :

BNA_F

ClientSampleId :

CL-01-081219

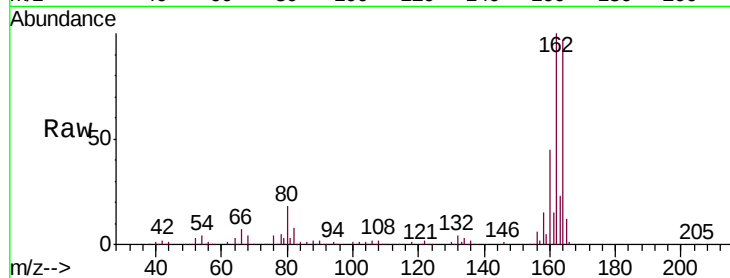
Tgt Ion:164 Resp: 174841

Ion Ratio Lower Upper

164 100

162 102.9 82.6 124.0

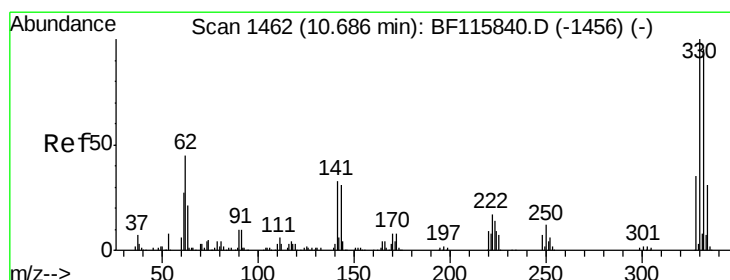
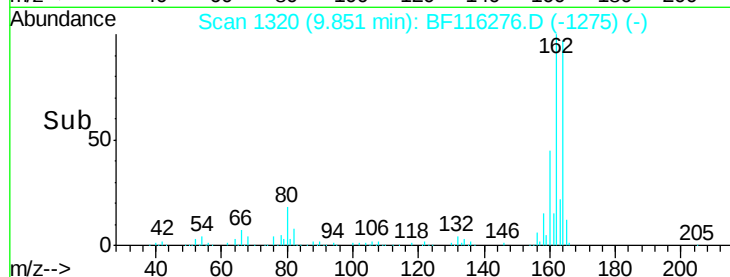
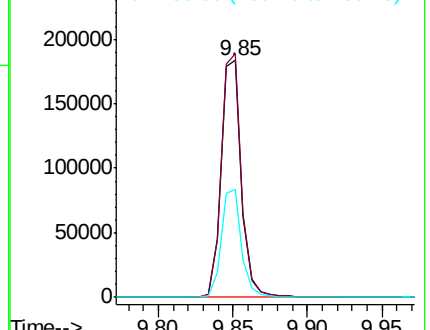
160 45.8 37.6 56.4



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: 152.156 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.04 min

Lab File: BF116276.D

Acq: 15 Aug 2019 13:53

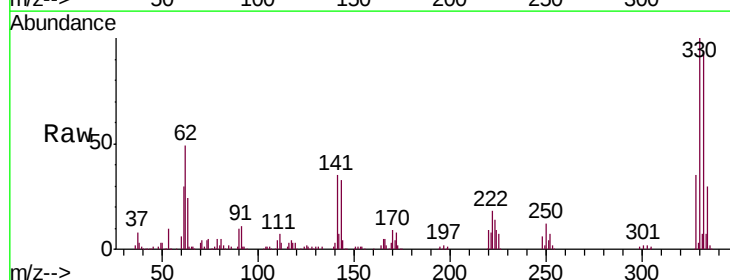
Tgt Ion:330 Resp: 257925

Ion Ratio Lower Upper

330 100

332 94.5 76.8 115.2

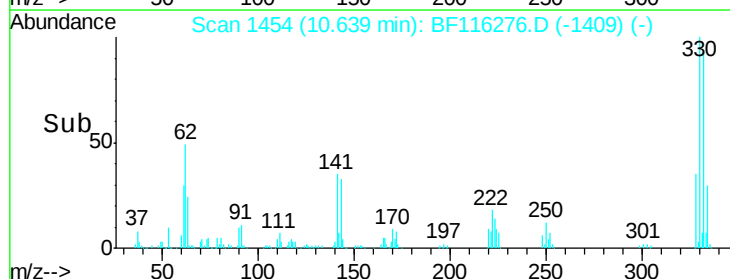
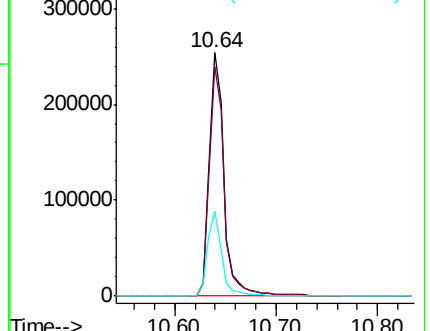
141 34.1 26.3 39.5



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

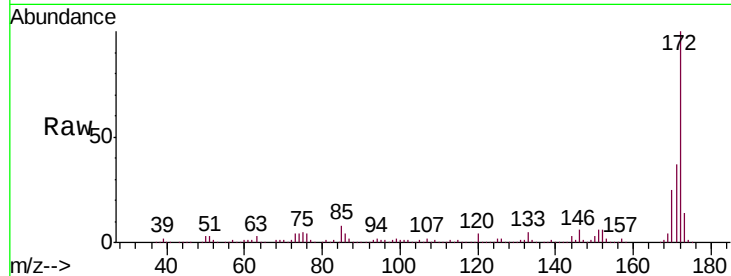




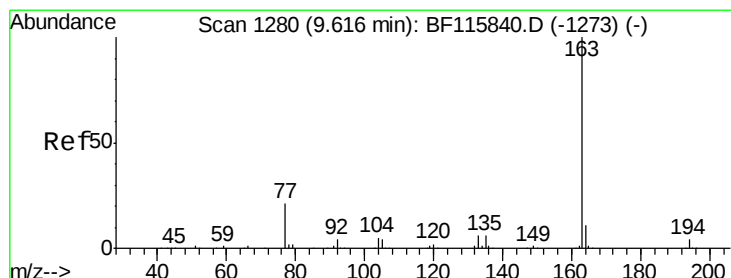
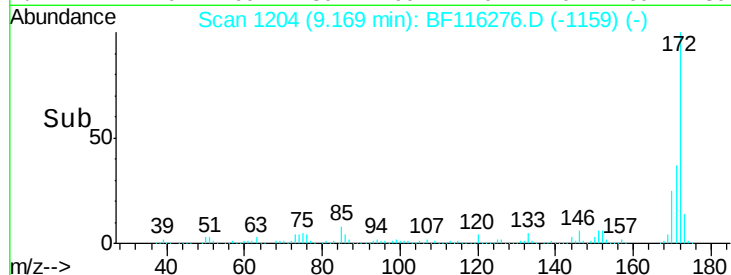
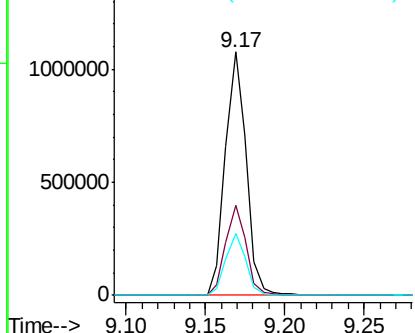
#45
 2-Fluorobiphenyl
 Concen: 105.862 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.04 min
 Lab File: BF116276.D
 Acq: 15 Aug 2019 13:53

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-081219

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.6	44.4
170	25.2	20.1	30.1

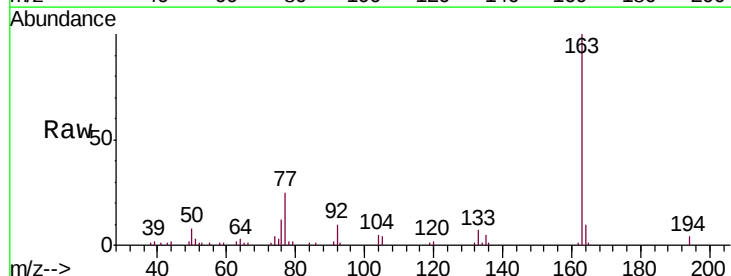


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

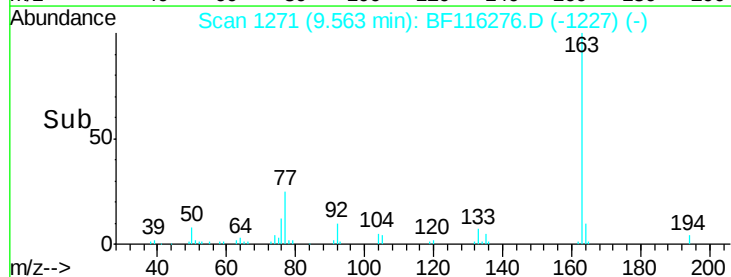
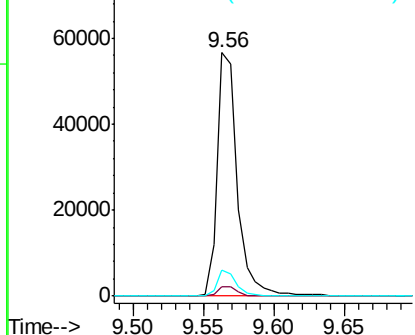


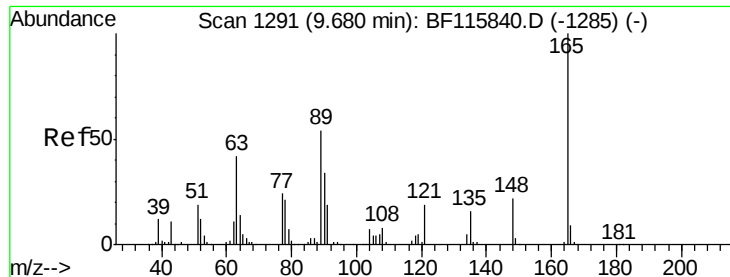
#50
 Dimethylphthalate
 Concen: 4.711 ng
 RT: 9.56 min Scan# 1271
 Delta R.T. -0.04 min
 Lab File: BF116276.D
 Acq: 15 Aug 2019 13:53

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.0	4.6
164	10.5	8.4	12.6



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

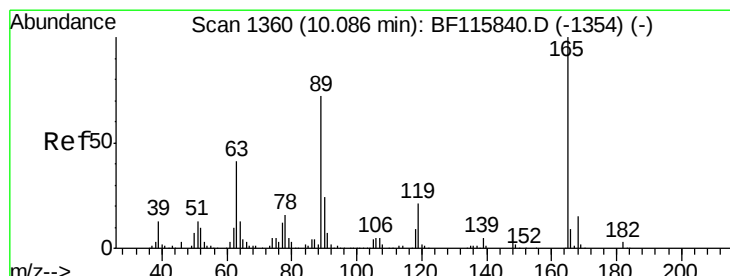
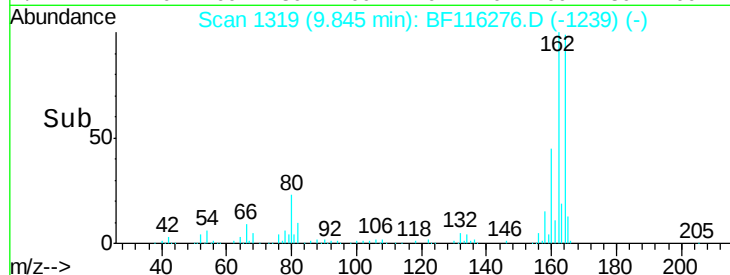
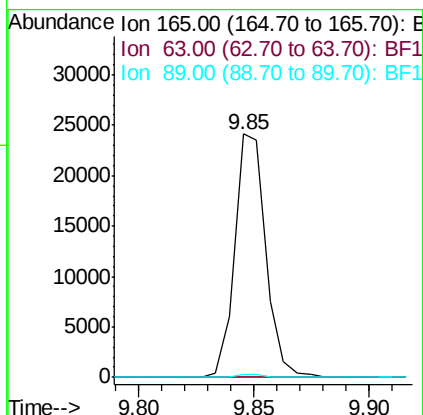
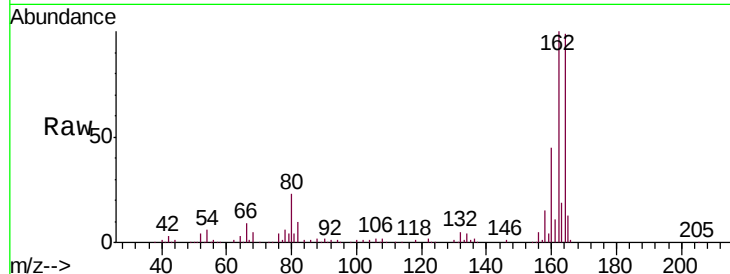




#51
 2,6-Dinitrotoluene
 Concen: 8.714 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.17 min
 Lab File: BF116276.D
 Acq: 15 Aug 2019 13:53

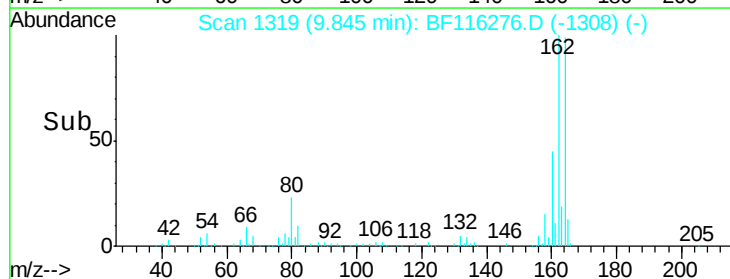
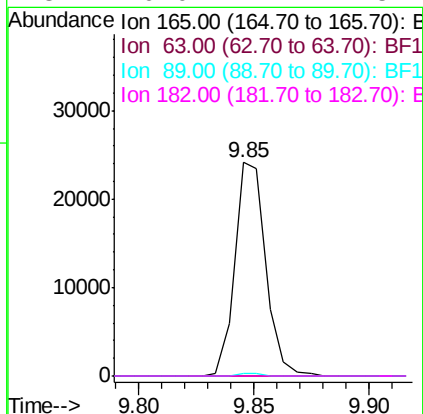
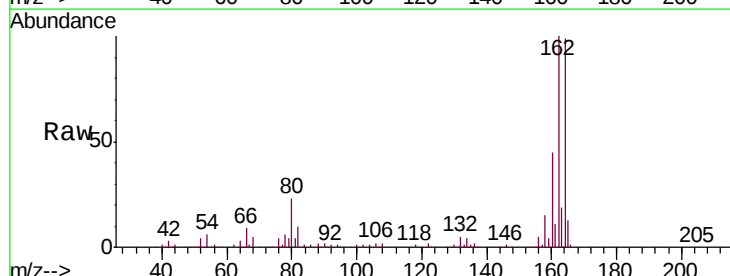
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 CL-01-081219

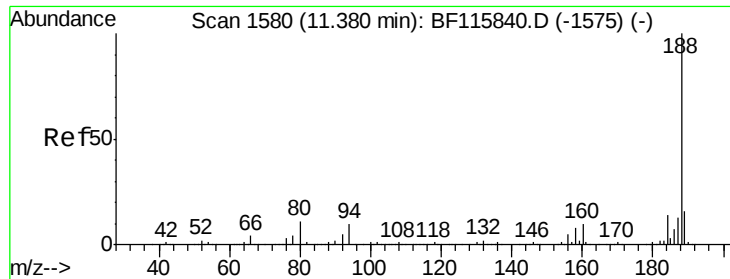
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	38.2	57.2#
89	1.3	42.9	64.3#



#57
 2,4-Dinitrotoluene
 Concen: 6.545 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.24 min
 Lab File: BF116276.D
 Acq: 15 Aug 2019 13:53

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	39.6	59.4#
89	1.3	62.2	93.2#
182	0.0	2.1	3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. -0.04 min

Lab File: BF116276.D

Acq: 15 Aug 2019 13:53

Instrument :

BNA_F

ClientSampleId :

CL-01-081219

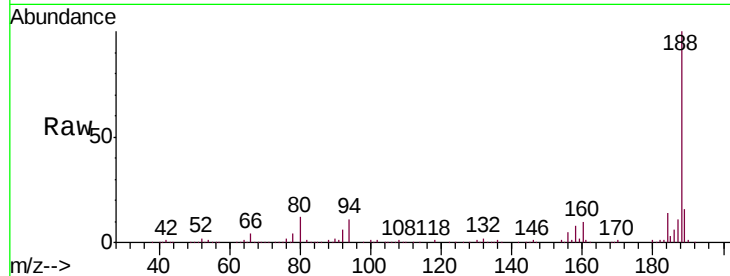
Tgt Ion:188 Resp: 328796

Ion Ratio Lower Upper

188 100

94 10.5 8.1 12.1

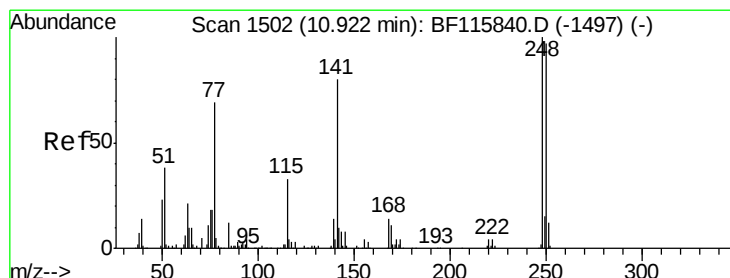
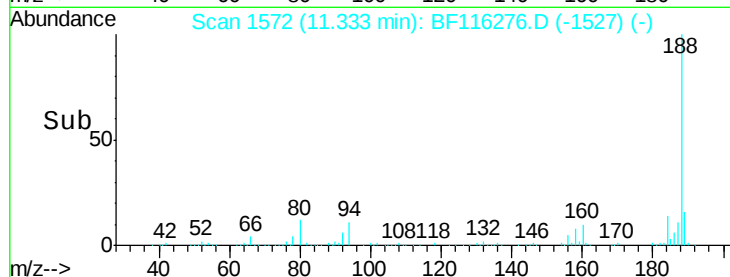
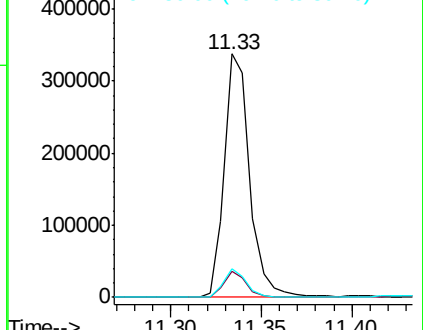
80 11.8 8.7 13.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#67

4-Bromophenyl-phenylether

Concen: 4.275 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.27 min

Lab File: BF116276.D

Acq: 15 Aug 2019 13:53

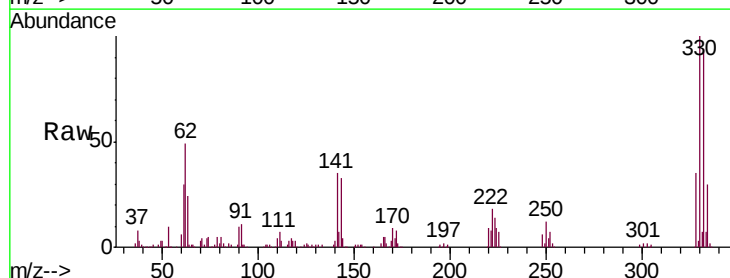
Tgt Ion:248 Resp: 15046

Ion Ratio Lower Upper

248 100

250 200.4 77.4 116.2#

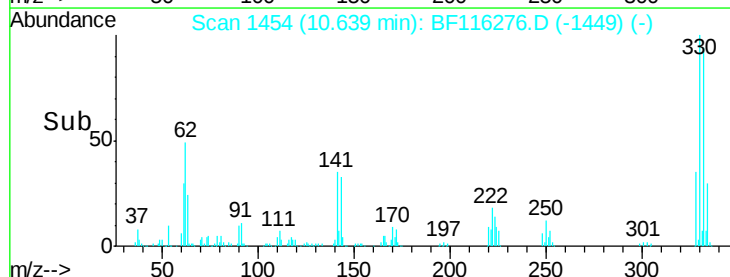
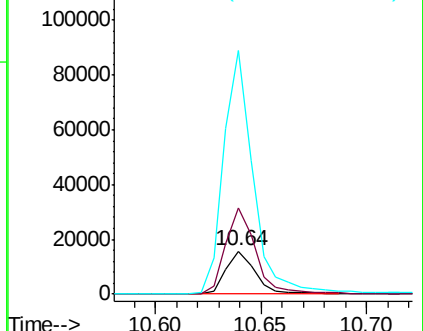
141 562.4 56.8 85.2#

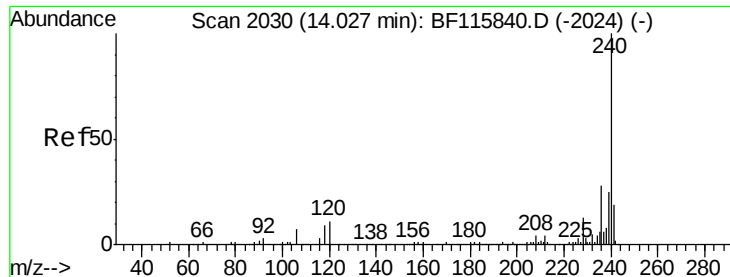


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

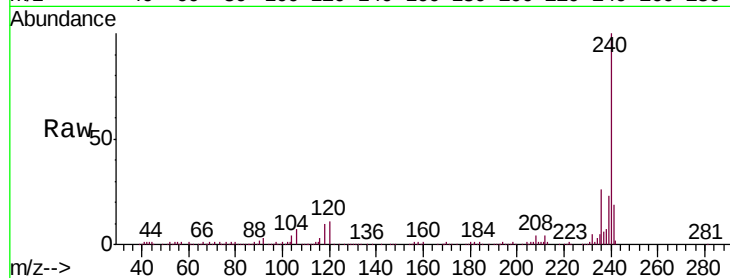




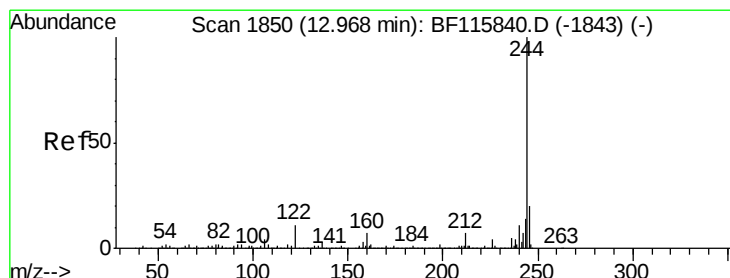
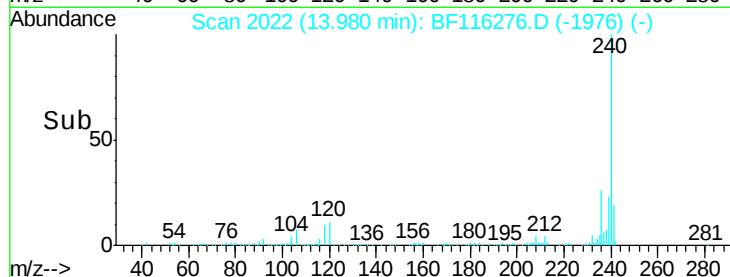
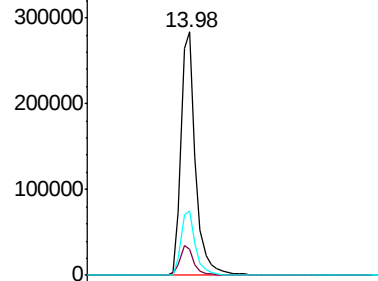
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.03 min
Lab File: BF116276.D
Acq: 15 Aug 2019 13:53

Instrument :
BNA_F
ClientSampleId :
CL-01-081219

Tgt Ion:240 Resp: 310299
Ion Ratio Lower Upper
240 100
120 10.6 10.7 16.1#
236 26.2 22.2 33.2

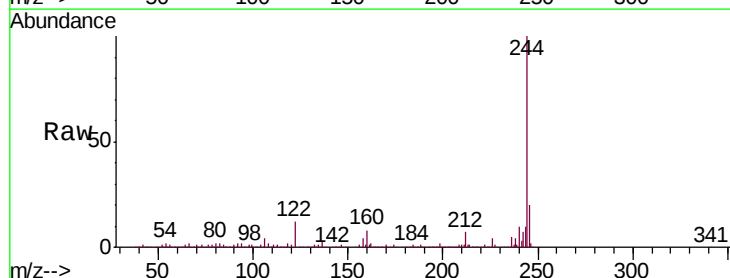


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

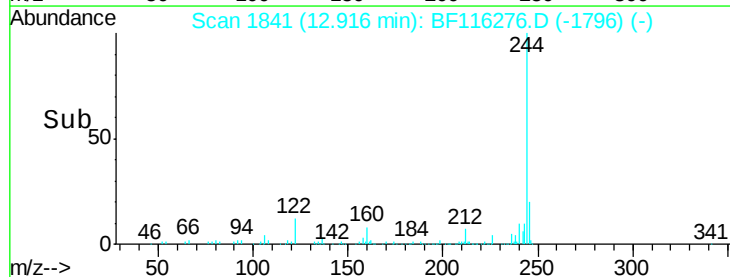
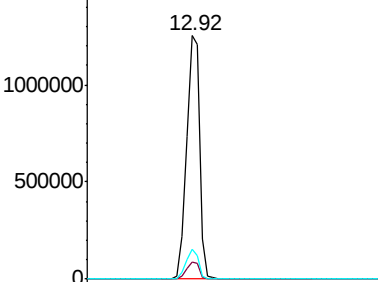


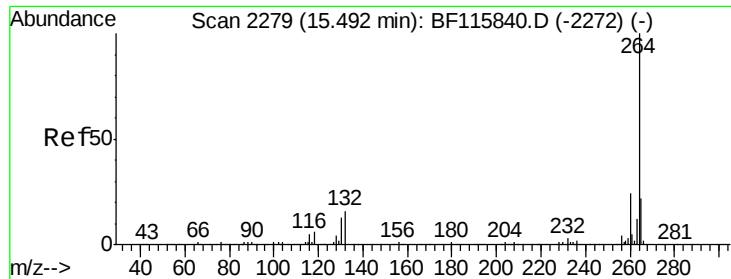
#79
Terphenyl-d14
Concen: 88.344 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.04 min
Lab File: BF116276.D
Acq: 15 Aug 2019 13:53

Tgt Ion:244 Resp: 1300943
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.8
122 12.3 9.0 13.4



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
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.04 min
Lab File: BF116276.D
Acq: 15 Aug 2019 13:53

Instrument :
BNA_F
ClientSampleId :
CL-01-081219

Tgt Ion:	264	Resp:	326837
Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.7	29.5
265	21.7	17.4	26.0

