

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090819\
 Data File : BF116884.D
 Acq On : 8 Sep 2019 22:13
 Operator : HP/JU
 Sample : K4757-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 09 02:16:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 20:02:30 2019
 Response via : Initial Calibration

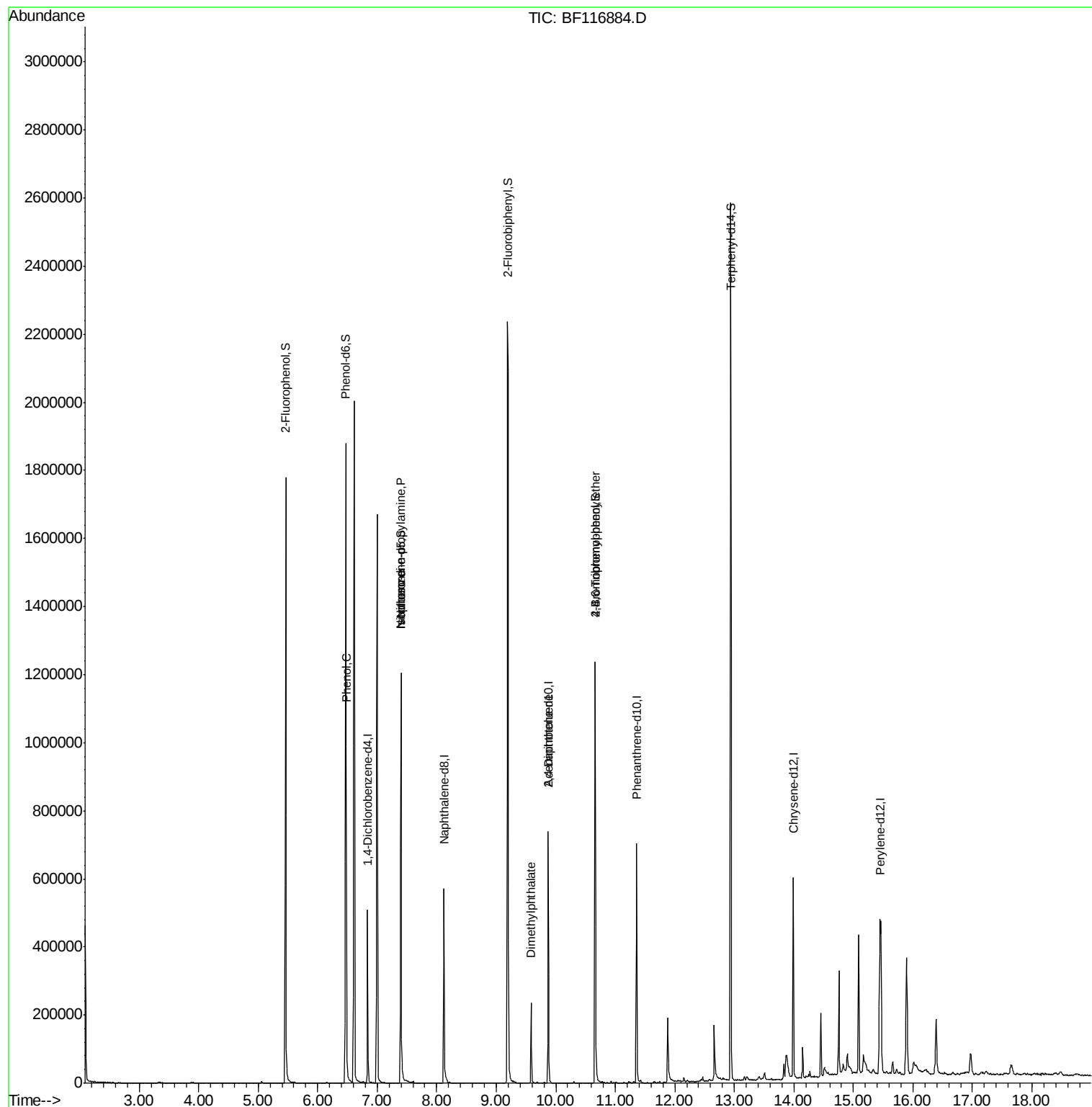
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	72626	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	287514	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	150614	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	254030	20.00	ng	-0.01
76) Chrysene-d12	13.99	240	207050	20.00	ng	0.00
87) Perylene-d12	15.44	264	206659	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	514553	114.78	ng	0.00
7) Phenol-d6	6.47	99	699675	118.86	ng	0.00
23) Nitrobenzene-d5	7.40	82	430452	85.47	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	144075	143.09	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	744751	83.41	ng	-0.01
79) Terphenyl-d14	12.94	244	780809	69.76	ng	-0.01
Target Compounds						
10) Phenol	6.49	94	26279	4.032	ng	96
19) n-Nitroso-di-n-propylamine	7.40	70	56348	14.538	ng	# 74
25) Isophorone	7.40	82	430448	42.178	ng	# 66
50) Dimethylphthalate	9.59	163	106990	10.289	ng	98
57) 2,4-Dinitrotoluene	9.87	165	18973	7.821	ng	# 21
67) 4-Bromophenyl-phenylether	10.66	248	9062	3.512	ng	# 1

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

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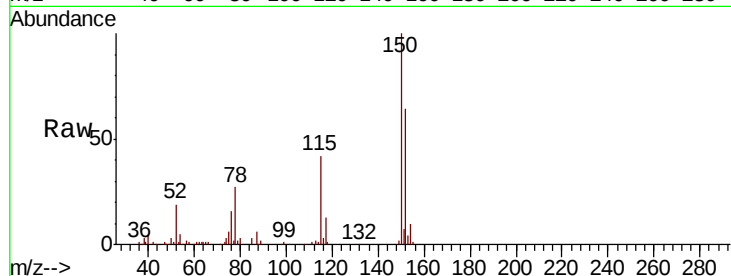


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF116884.D
Acq: 8 Sep 2019 22:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	124.4	186.6
115	66.0	49.9	74.9

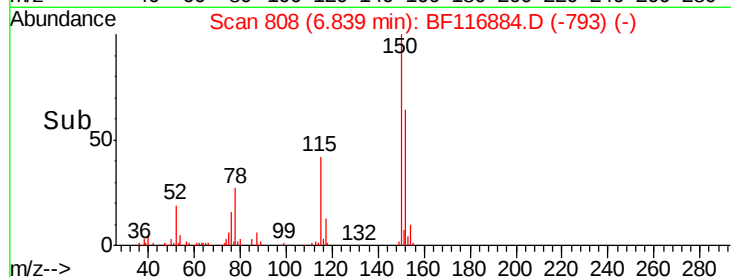
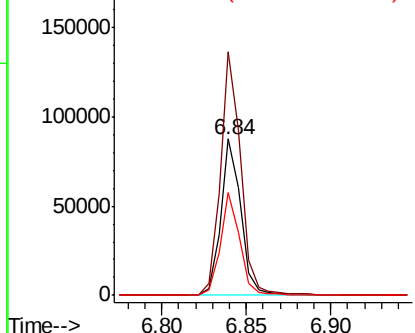


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

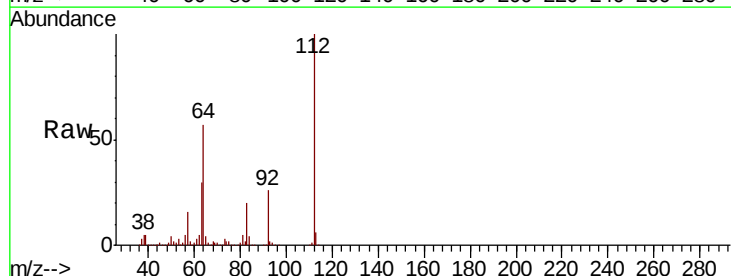
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 114.781 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF116884.D
Acq: 8 Sep 2019 22:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.8	47.1	70.7
63	29.7	24.9	37.3

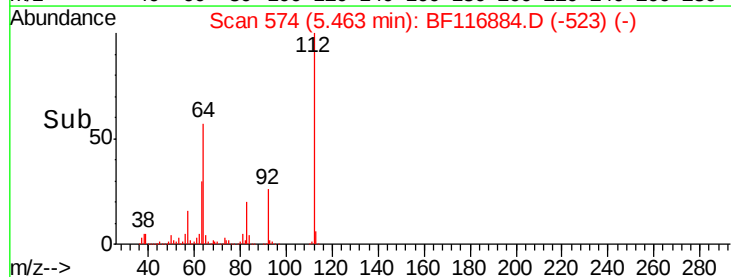
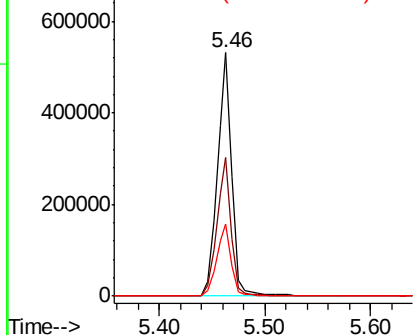


Abundance

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: 118.859 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116884.D

Acq: 8 Sep 2019 22:13

Instrument :

BNA_F

ClientSampleId :

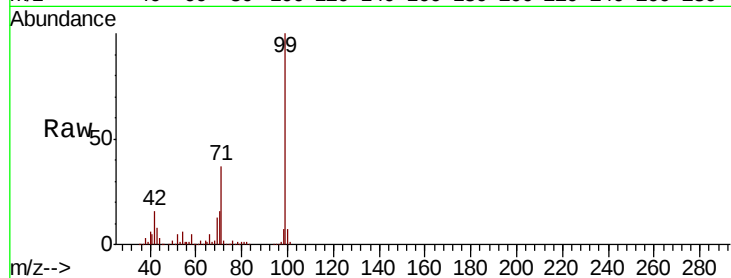
Tot Ion: 99 Resp: 699675

Ion Ratio Lower Upper

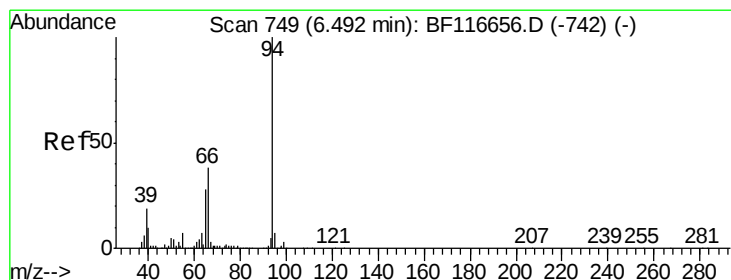
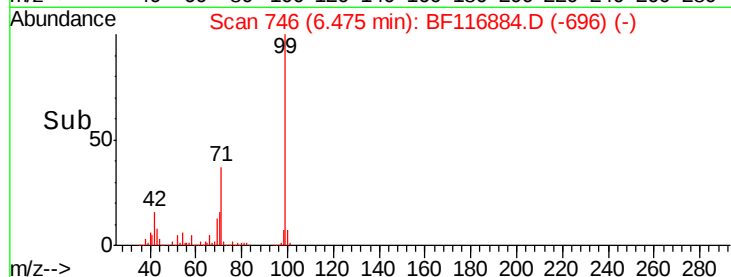
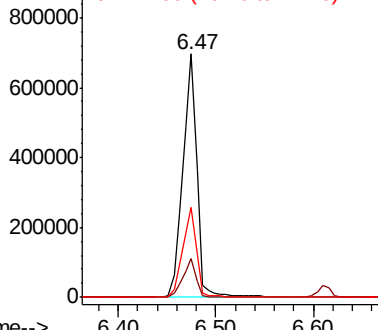
99 100

42 15.8 13.7 20.5

71 36.8 30.8 46.2



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



#10

Phenol

Concen: 4.032 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF116884.D

Acq: 8 Sep 2019 22:13

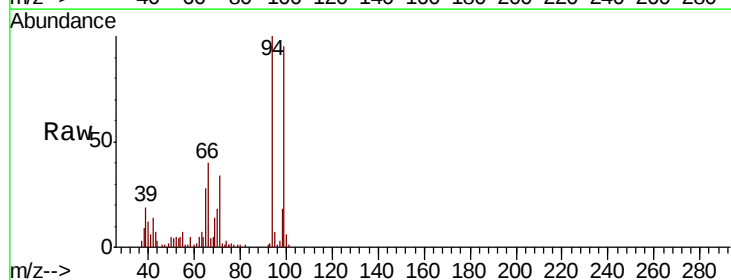
Tgt Ion: 94 Resp: 26279

Ion Ratio Lower Upper

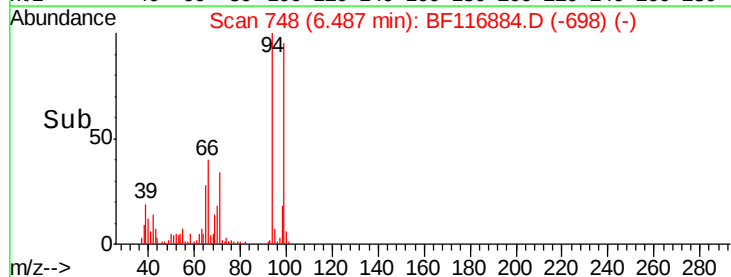
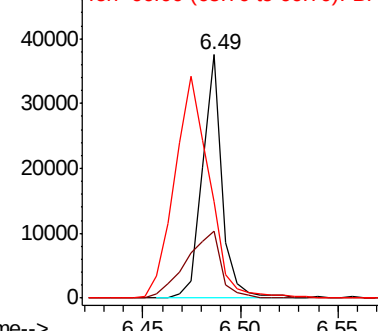
94 100

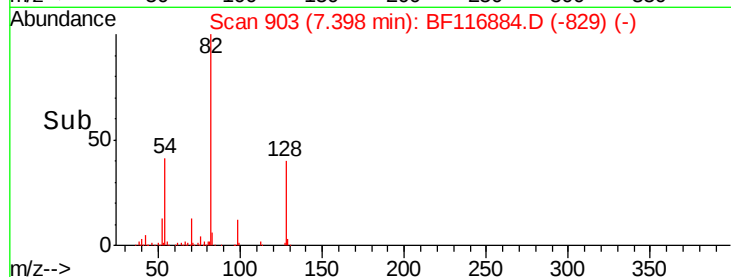
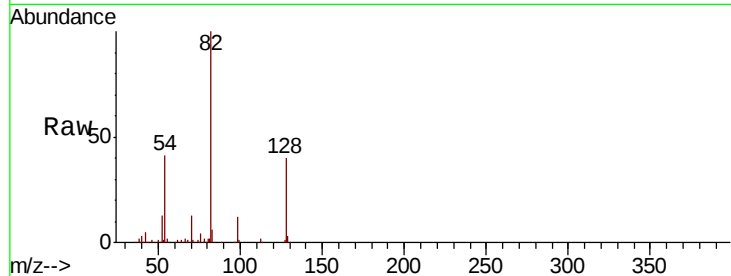
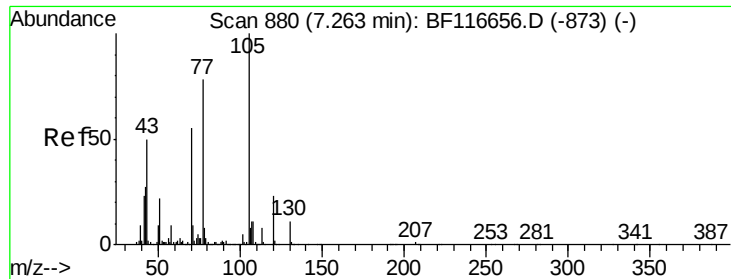
65 27.6 10.8 50.8

66 39.6 21.1 61.1



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

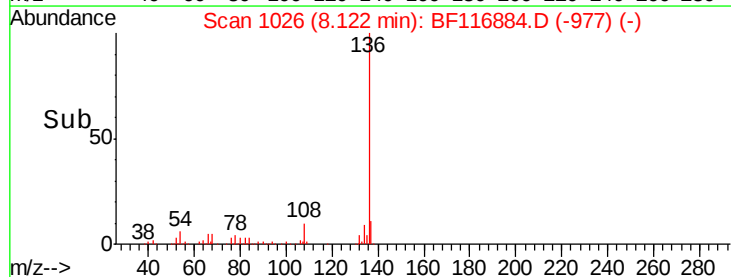
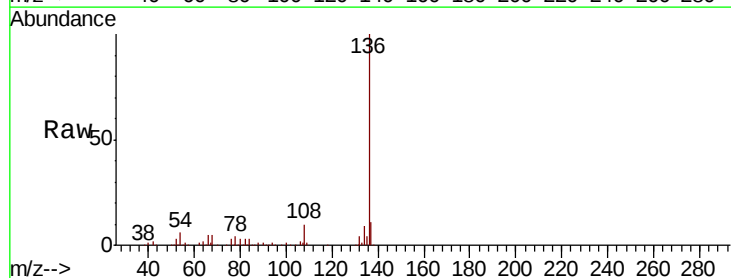
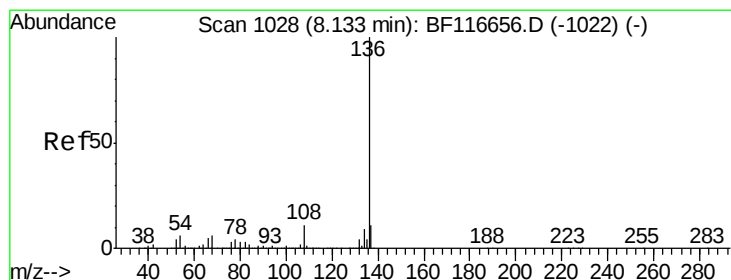
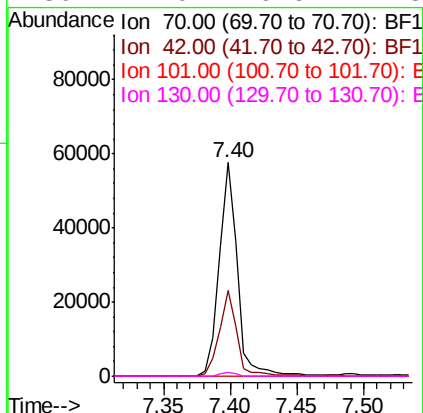




#19
n-Nitroso-di-n-propylamine
Concen: 14.538 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.14 min
Lab File: BF116884.D
Acq: 8 Sep 2019 22:13

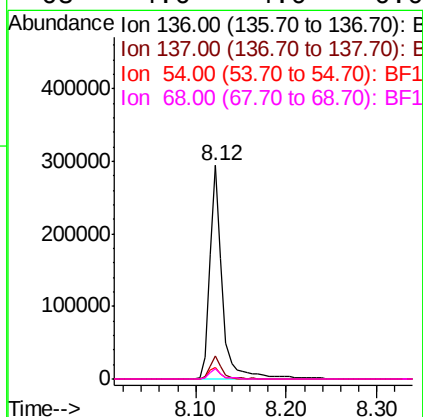
Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	56348
Ion	Ratio	Lower	Upper
70	100		
42	39.9	43.5	65.3#
101	0.0	7.8	11.6#
130	2.0	16.6	24.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF116884.D
Acq: 8 Sep 2019 22:13

Tgt Ion:	136	Resp:	287514
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	5.6	4.8	7.2
68	4.6	4.0	6.0

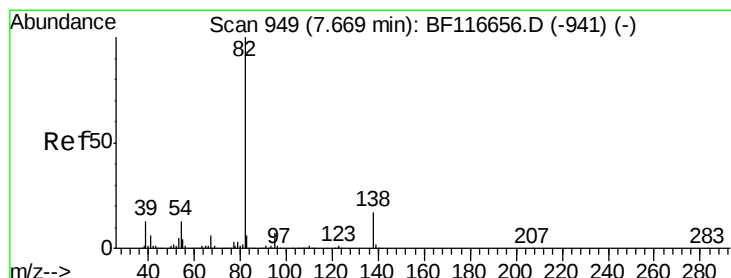
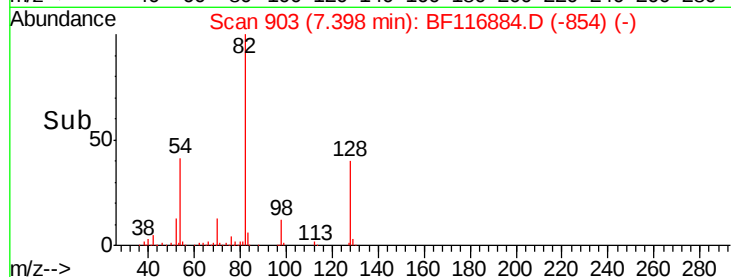
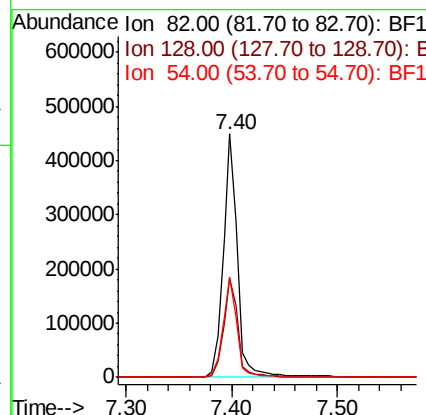
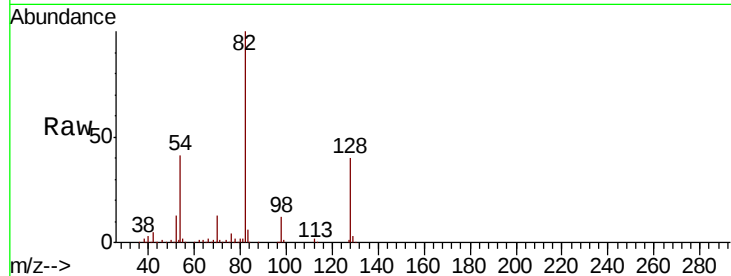




#23
 Nitrobenzene-d5
 Concen: 85.468 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF116884.D
 Acq: 8 Sep 2019 22:13

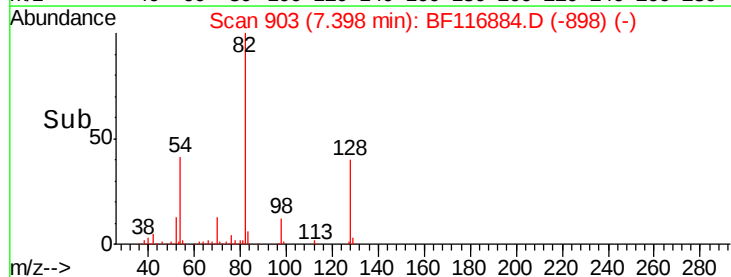
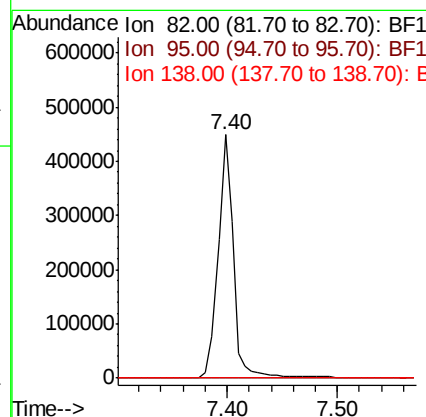
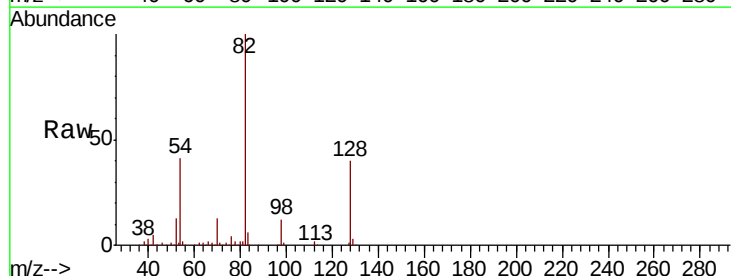
Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	430452
Ion Ratio	Lower	Upper	
82	100		
128	40.5	32.8	49.2
54	41.2	36.9	55.3



#25
 Isophorone
 Concen: 42.178 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.27 min
 Lab File: BF116884.D
 Acq: 8 Sep 2019 22:13

Tgt Ion	82	Resp	430448
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.8	8.6#
138	0.0	13.5	20.3#

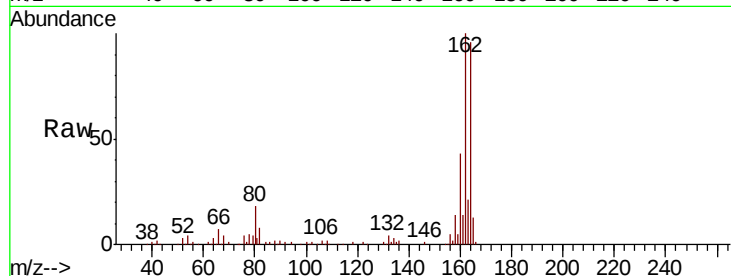




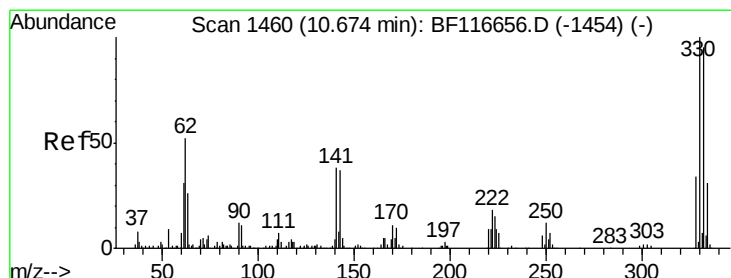
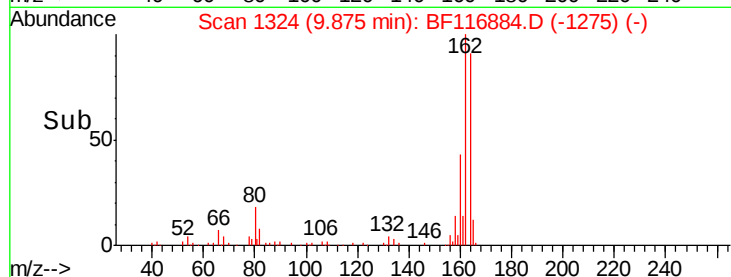
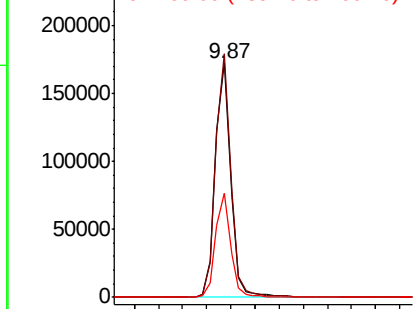
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF116884.D
 Acq: 8 Sep 2019 22:13

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:164 Resp: 150614
 Ion Ratio Lower Upper
 164 100
 162 104.0 81.4 122.0
 160 44.6 35.4 53.2

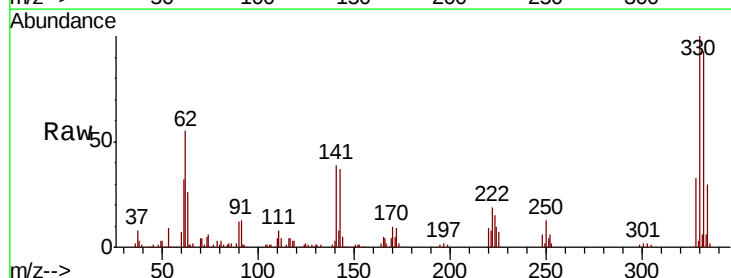


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

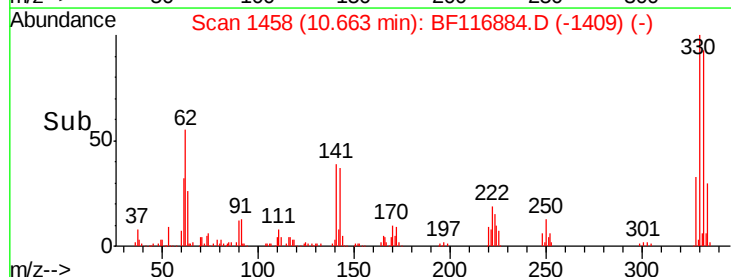
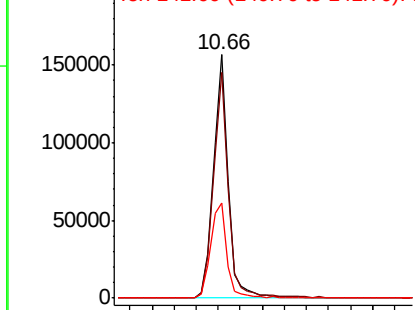


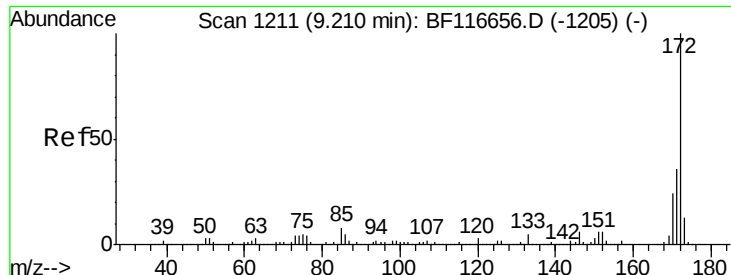
#42
 2,4,6-Tribromophenol
 Concen: 143.090 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF116884.D
 Acq: 8 Sep 2019 22:13

Tgt Ion:330 Resp: 144075
 Ion Ratio Lower Upper
 330 100
 332 93.4 76.9 115.3
 141 42.9 31.4 47.2



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

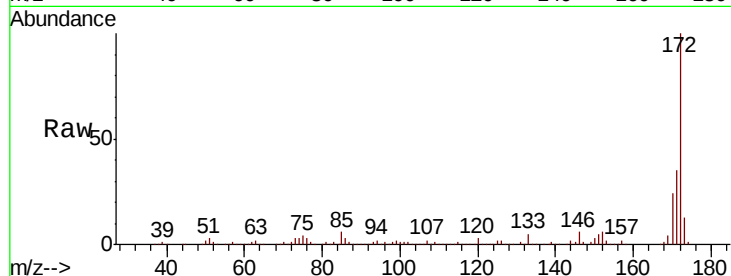




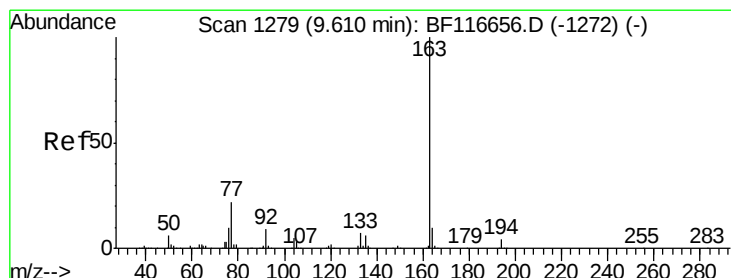
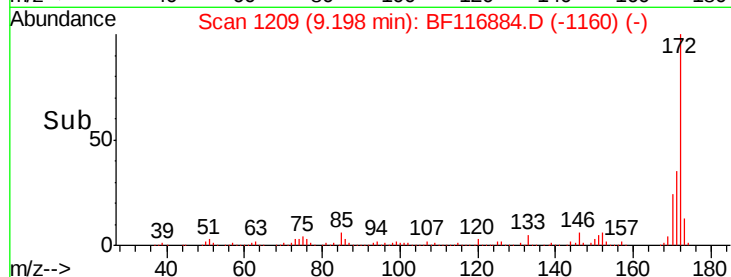
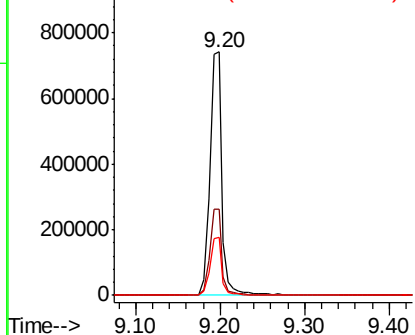
#45
2-Fluorobiphenyl
Concen: 83.413 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF116884.D
Acq: 8 Sep 2019 22:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 744751
Ion Ratio Lower Upper
172 100
171 35.2 27.8 41.6
170 23.9 18.9 28.3

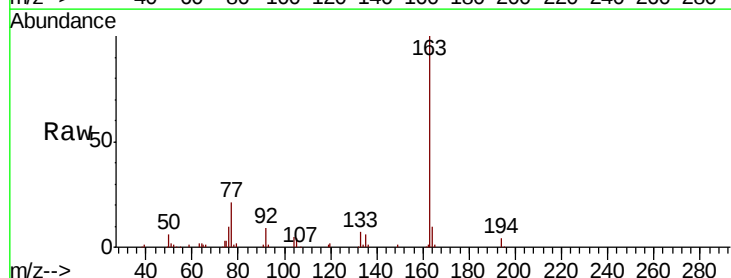


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

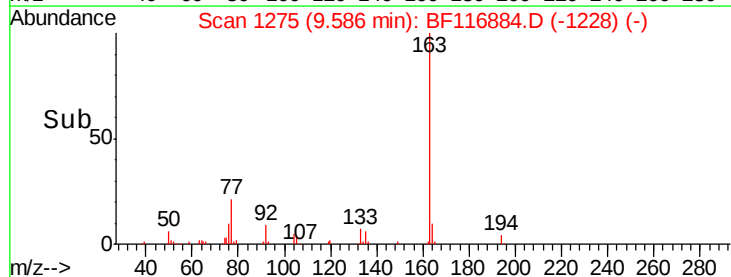
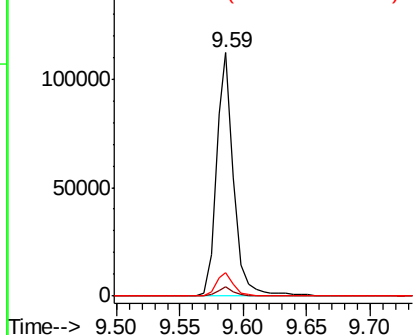


#50
Dimethylphthalate
Concen: 10.289 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF116884.D
Acq: 8 Sep 2019 22:13

Tgt Ion:163 Resp: 106990
Ion Ratio Lower Upper
163 100
194 3.7 2.8 4.2
164 9.7 8.6 12.8



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

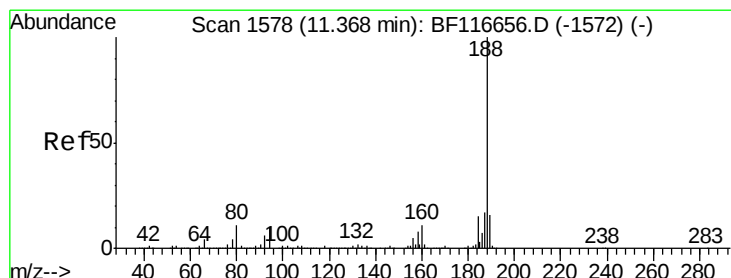
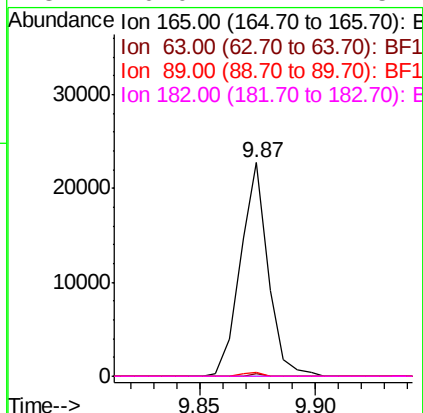
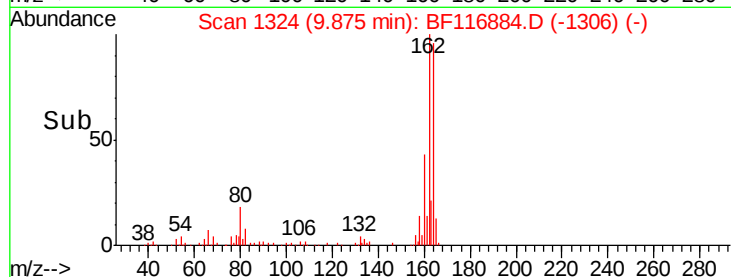
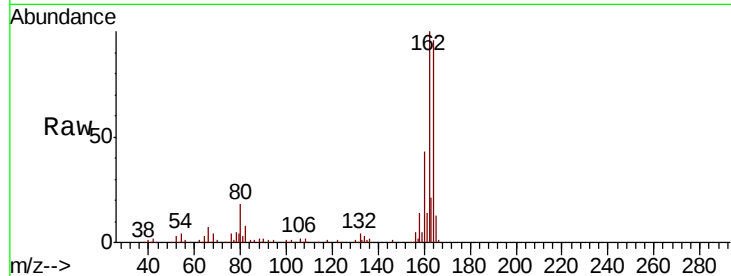




#57
 2,4-Dinitrotoluene
 Concen: 7.821 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.19 min
 Lab File: BF116884.D
 Acq: 8 Sep 2019 22:13

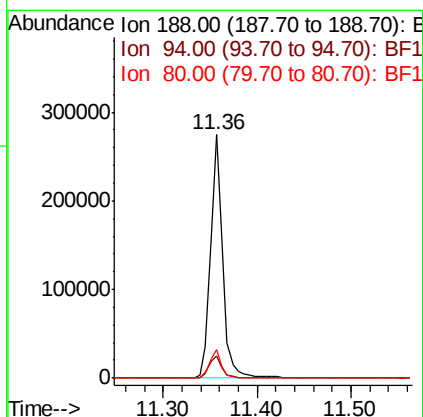
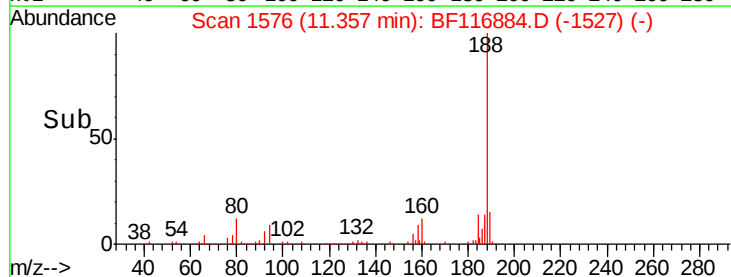
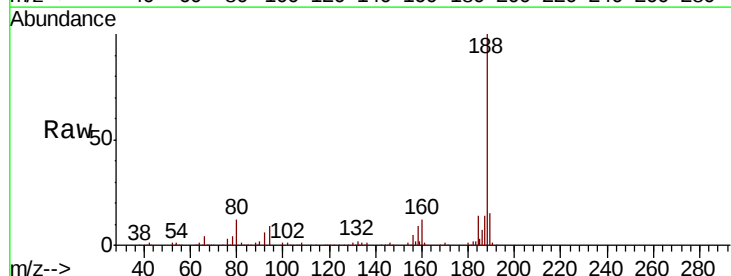
Instrument :
 BNA_F
 ClientSampleId :

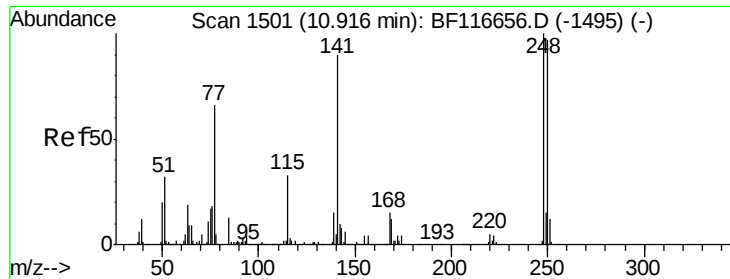
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.6	62.6	94.0#
182	0.0	2.1	3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF116884.D
 Acq: 8 Sep 2019 22:13

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.3	10.9
80	11.5	8.4	12.6

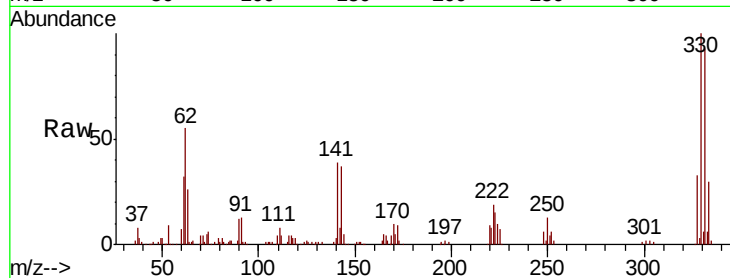




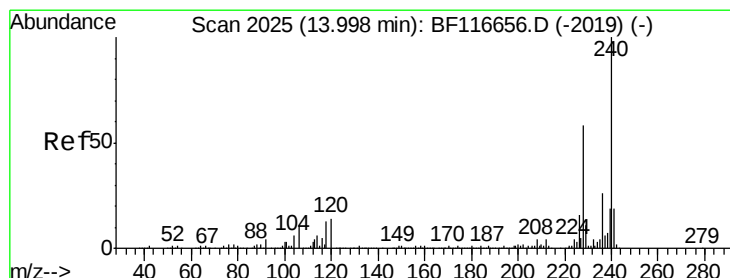
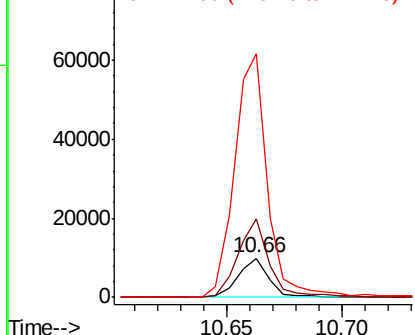
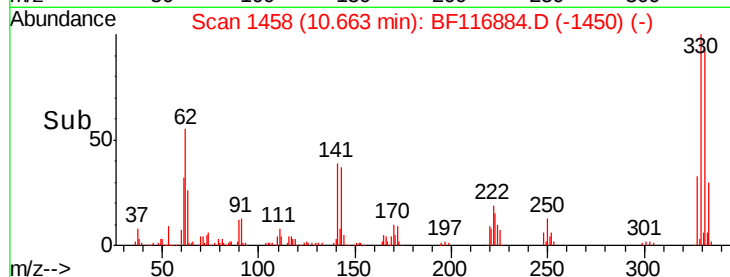
#67
4-Bromophenyl-phenylether
Concen: 3.512 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.25 min
Lab File: BF116884.D
Acq: 8 Sep 2019 22:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 9062
Ion Ratio Lower Upper
248 100
250 201.7 77.8 116.8#
141 624.1 75.9 113.9#

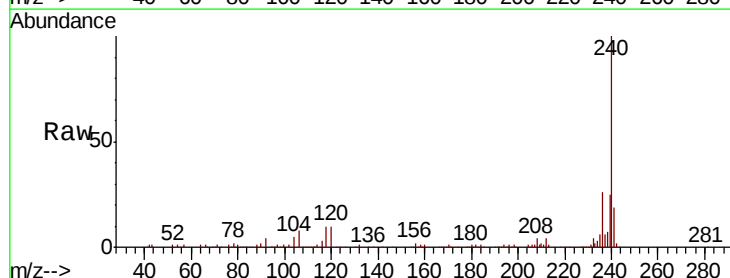


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

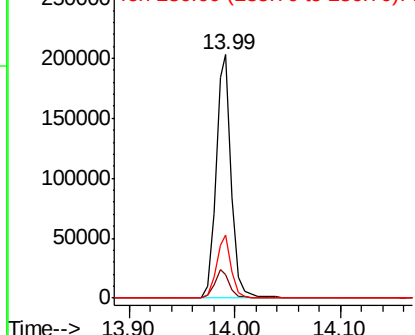
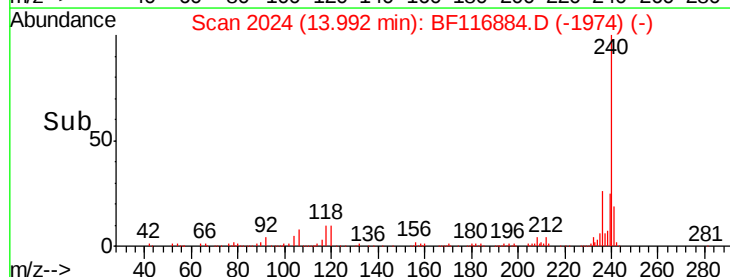


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF116884.D
Acq: 8 Sep 2019 22:13

Tgt Ion:240 Resp: 207050
Ion Ratio Lower Upper
240 100
120 9.8 9.1 13.7
236 26.0 21.1 31.7



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: 69.763 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF116884.D

Acq: 8 Sep 2019 22:13

Instrument :

BNA_F

ClientSampled :

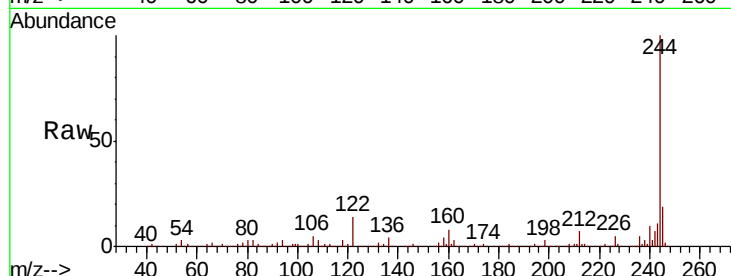
Tot Ion:244 Resp: 780809

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

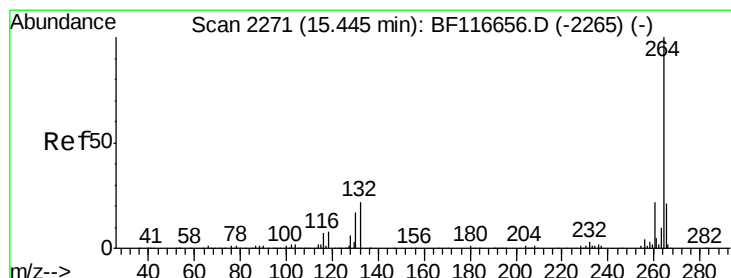
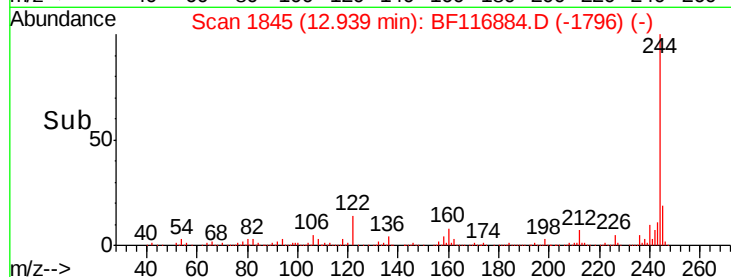
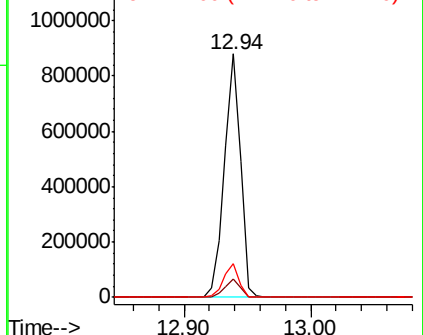
122 14.0 10.2 15.4



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# 2271

Delta R.T. 0.00 min

Lab File: BF116884.D

Acq: 8 Sep 2019 22:13

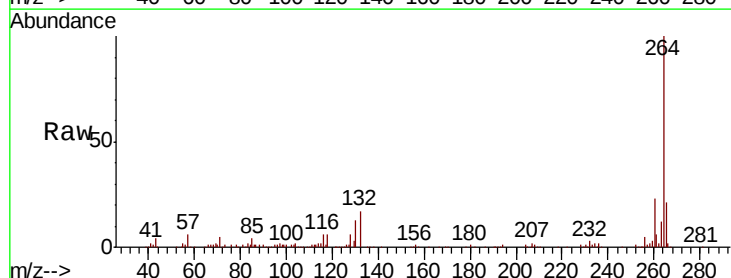
Tgt Ion:264 Resp: 206659

Ion Ratio Lower Upper

264 100

260 23.0 18.3 27.5

265 20.5 16.5 24.7



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

