

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081019\
 Data File : BF116166.D
 Acq On : 11 Aug 2019 00:54
 Operator : HP/JU
 Sample : K4293-03
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 12 00:59:51 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

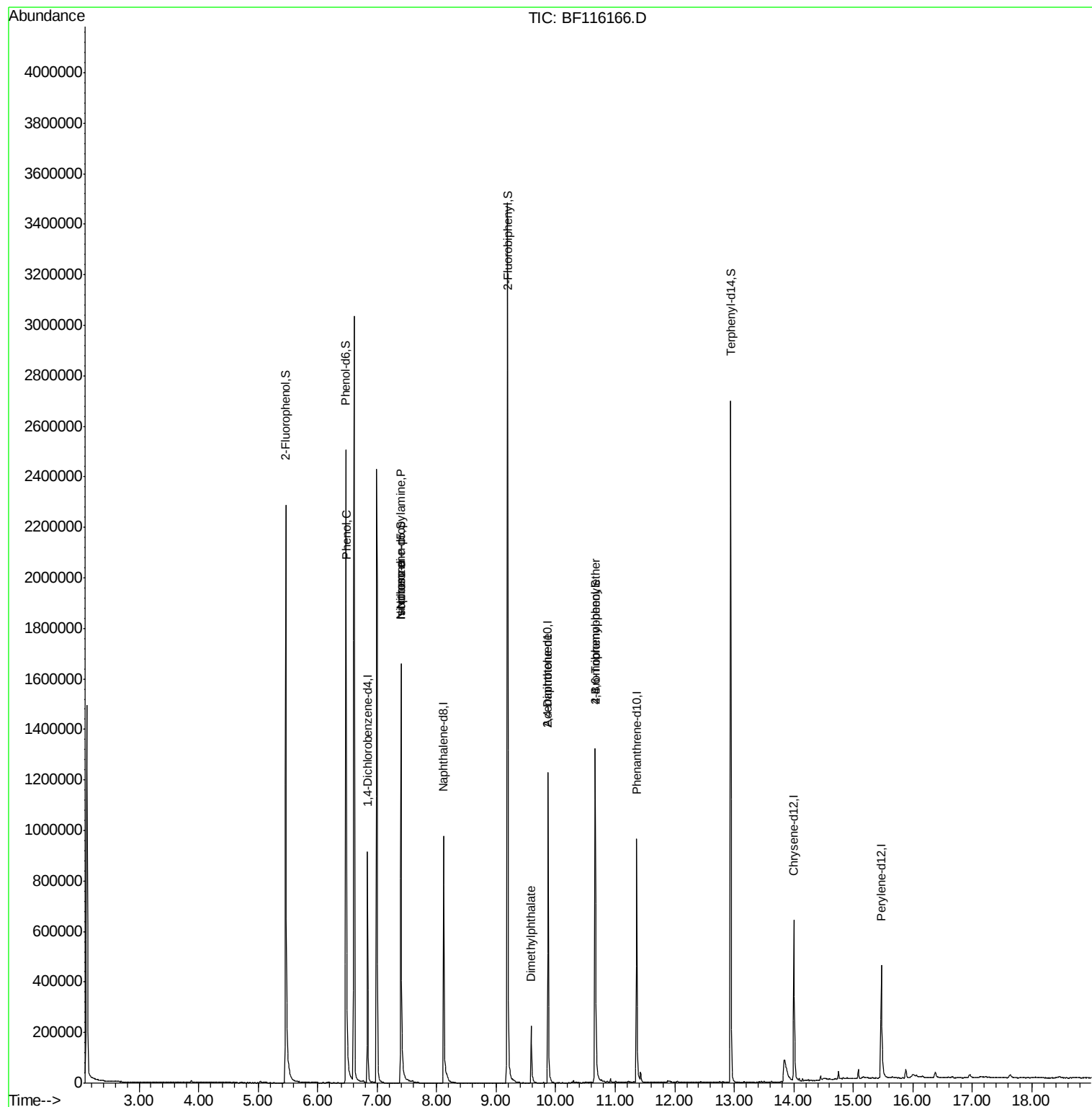
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	141735	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	544566	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	271515	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	407540	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	278841	20.00	ng	0.00
87) Perylene-d12	15.47	264	266452	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	793051	93.67	ng	0.00
7) Phenol-d6	6.47	99	1028515	96.28	ng	-0.01
23) Nitrobenzene-d5	7.40	82	663780	70.36	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	207851	78.96	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1150021	79.34	ng	-0.01
79) Terphenyl-d14	12.94	244	987109	74.59	ng	-0.01
Target Compounds						
10) Phenol	6.49	94	33460	2.660	ng	95
19) n-Nitroso-di-n-propylamine	7.40	70	86363	13.047	ng	# 80
25) Isophorone	7.40	82	663777	36.796	ng	# 65
50) Dimethylphthalate	9.59	163	127312	6.887	ng	99
57) 2,4-Dinitrotoluene	9.87	165	34207	6.395	ng	# 20
67) 4-Bromophenyl-phenylether	10.66	248	12625	2.894	ng	# 1

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

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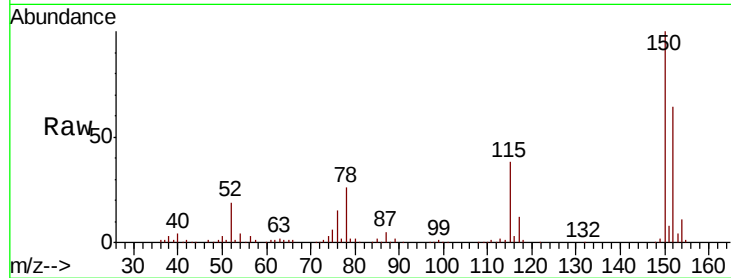


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF116166.D
Acq: 11 Aug 2019 00:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	126.2	189.2
115	59.6	49.9	74.9

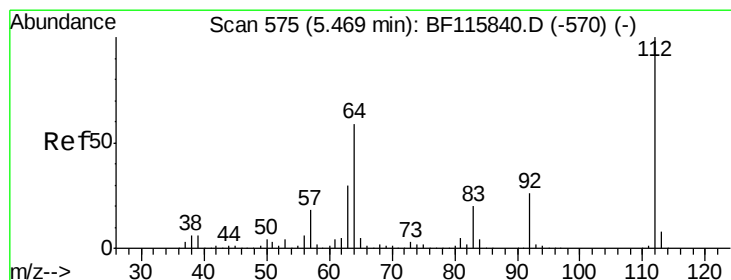
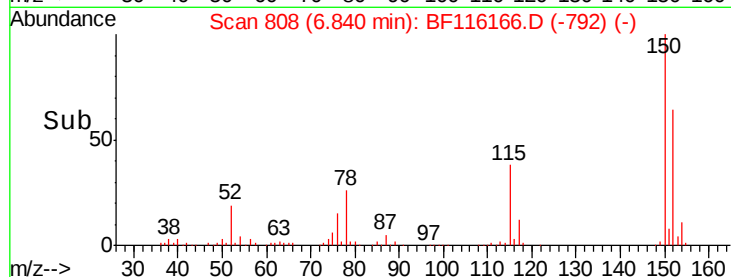
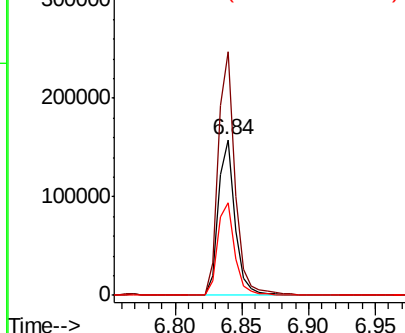


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

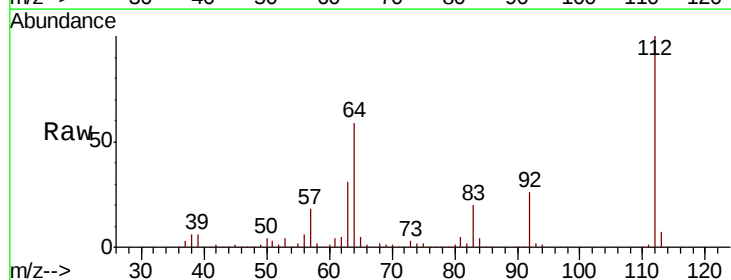
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 93.669 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF116166.D
Acq: 11 Aug 2019 00:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.5	45.4	68.2
63	30.6	23.7	35.5

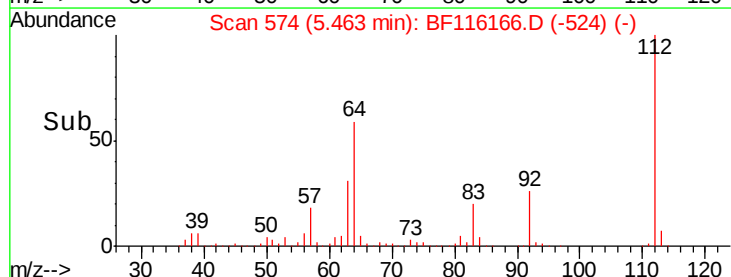
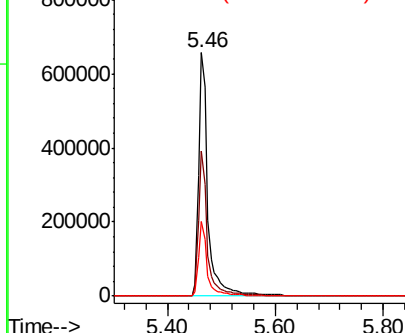


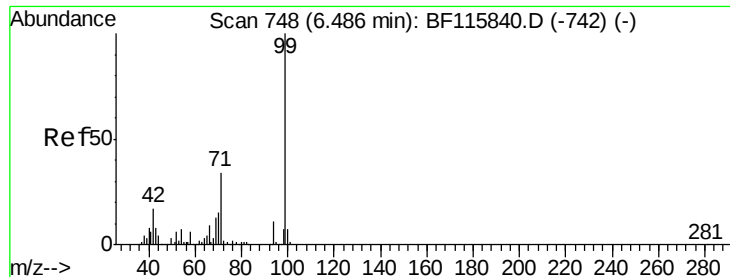
Abundance

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: 96.285 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116166.D

Acq: 11 Aug 2019 00:54

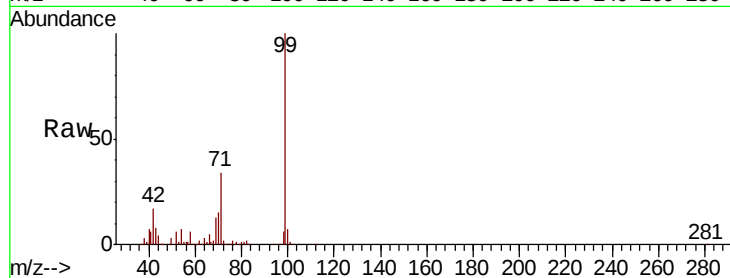
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1028515

Ion	Ratio	Lower	Upper
99	100		
42	17.2	13.8	20.8
71	34.4	27.3	40.9

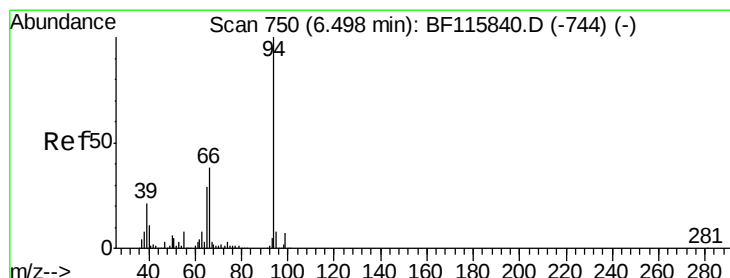
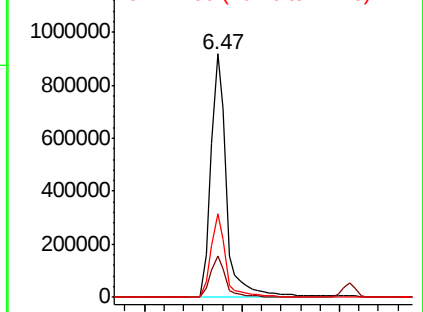
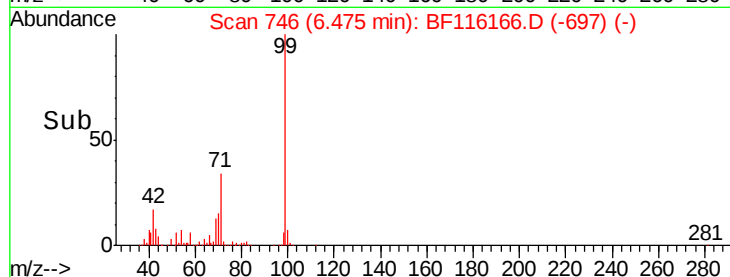


Abundance

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: 2.660 ng

RT: 6.49 min Scan# 748

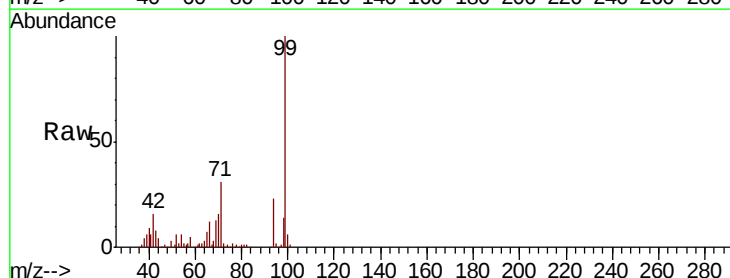
Delta R.T. -0.02 min

Lab File: BF116166.D

Acq: 11 Aug 2019 00:54

Tgt Ion: 94 Resp: 33460

Ion	Ratio	Lower	Upper
94	100		
65	32.1	16.8	56.8
66	52.6	34.2	74.2

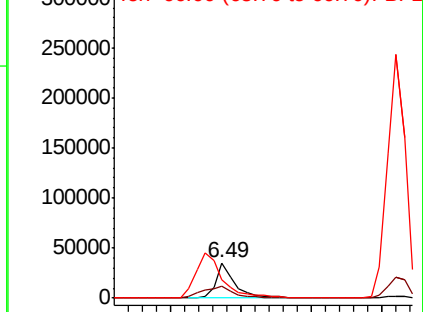
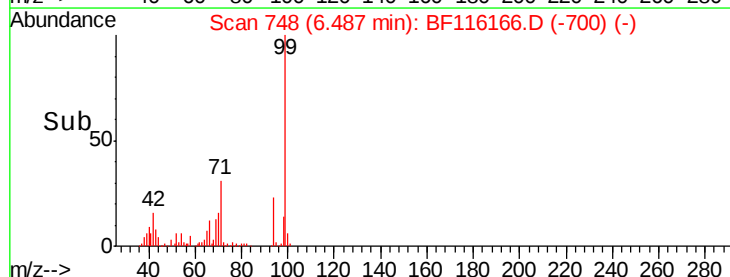


Abundance

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: 13.047 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.13 min

Lab File: BF116166.D

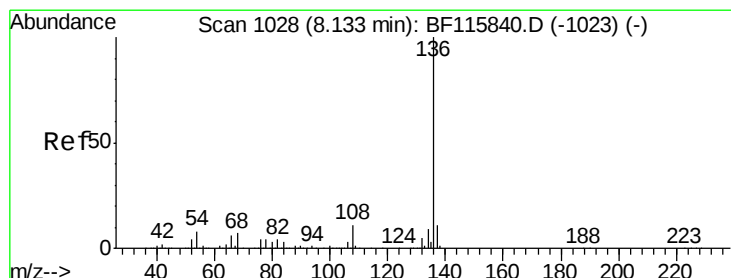
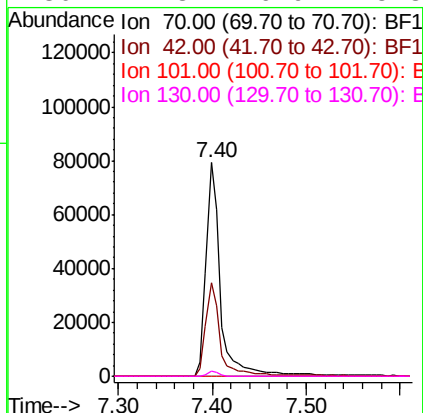
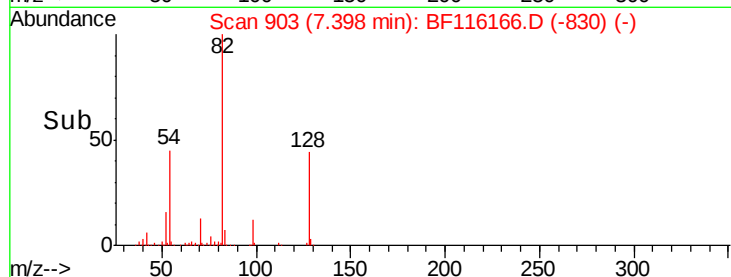
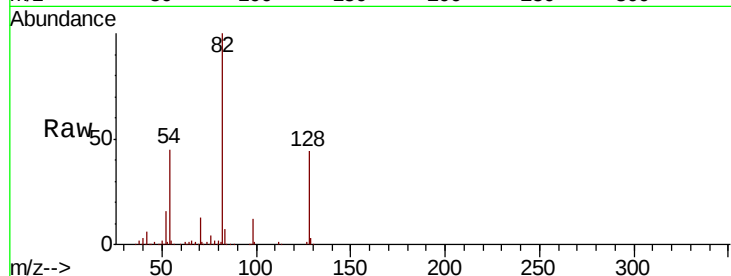
Acq: 11 Aug 2019 00:54

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	70	Resp:	86363
Ion	Ratio	Lower	Upper
70	100		
42	43.5	40.9	61.3
101	0.0	7.9	11.9#
130	2.3	16.9	25.3#



#21

Naphthalene-d8

Concen: 20.000 ng

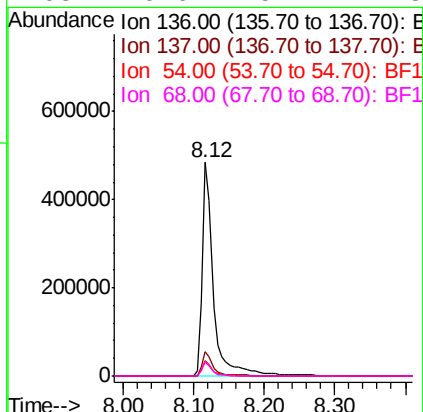
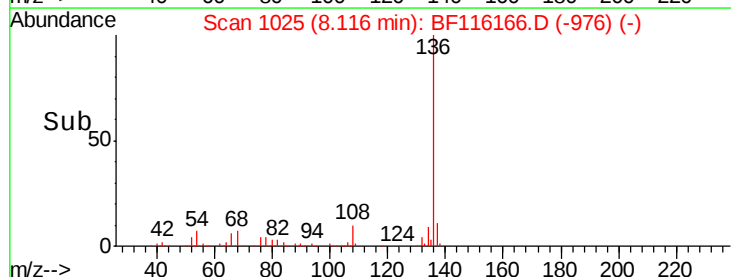
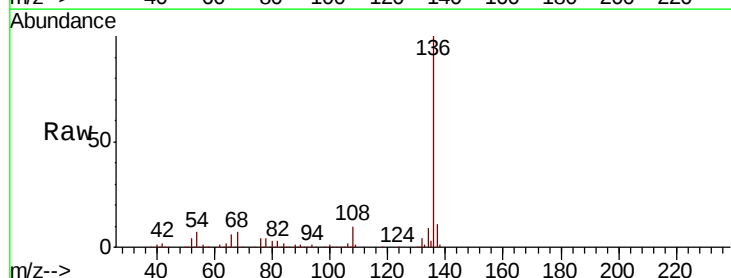
RT: 8.12 min Scan# 1025

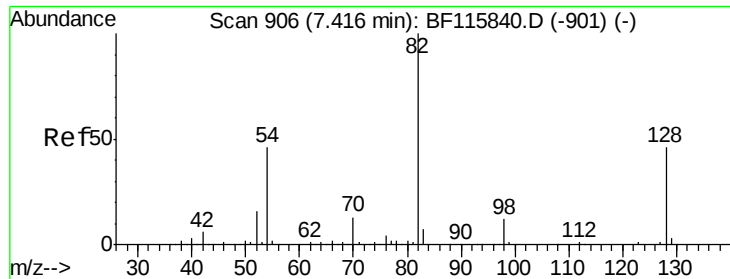
Delta R.T. -0.01 min

Lab File: BF116166.D

Acq: 11 Aug 2019 00:54

Tgt Ion:	136	Resp:	544566
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	7.2	5.8	8.6
68	6.6	5.2	7.8

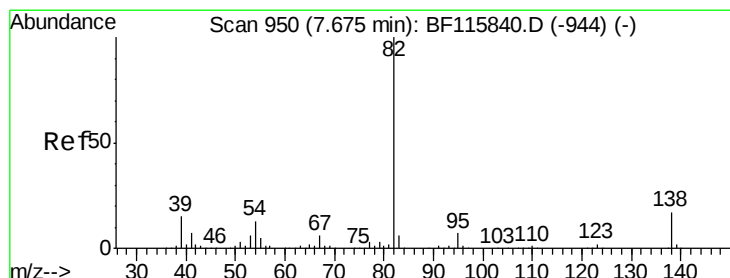
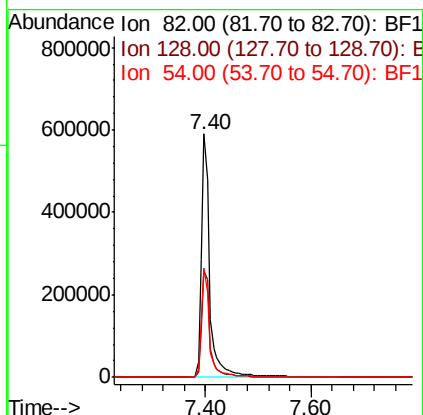
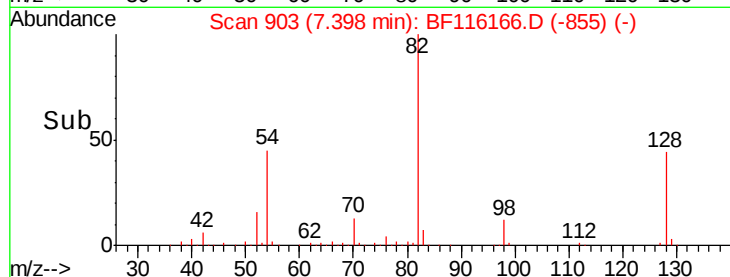
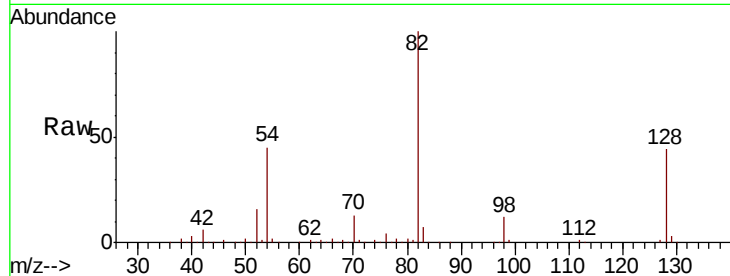




#23
Nitrobenzene-d5
Concen: 70.360 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.02 min
Lab File: BF116166.D
Acq: 11 Aug 2019 00:54

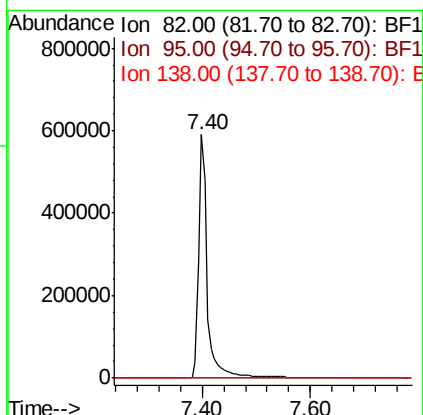
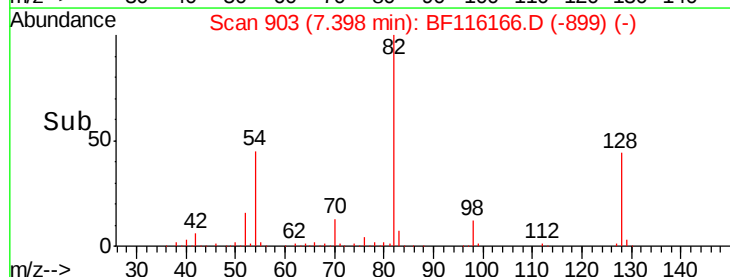
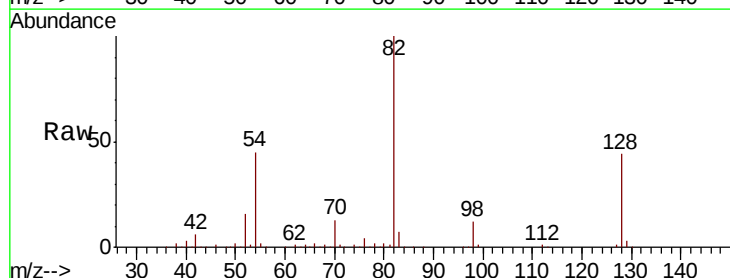
Instrument :
BNA_F
ClientSampleId :

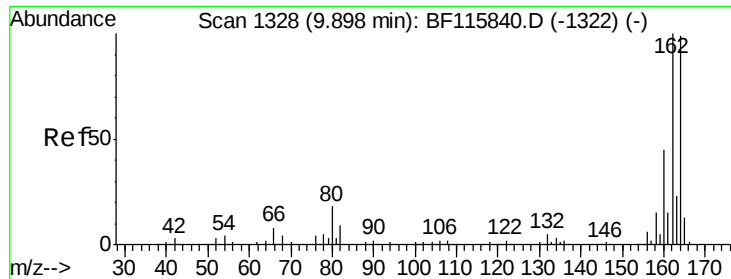
Tot Ion: 82 Resp: 663780
Ion Ratio Lower Upper
82 100
128 43.7 36.5 54.7
54 45.0 36.0 54.0



#25
Isophorone
Concen: 36.796 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.28 min
Lab File: BF116166.D
Acq: 11 Aug 2019 00:54

Tgt Ion: 82 Resp: 663777
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 14.5 21.7#

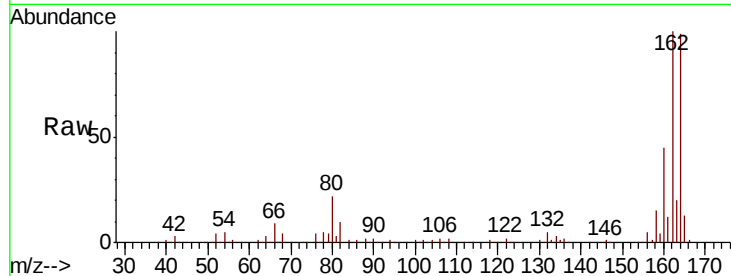




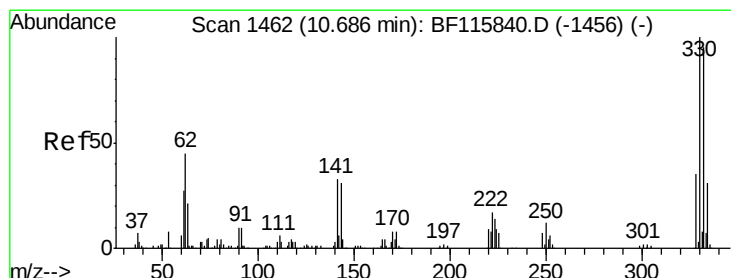
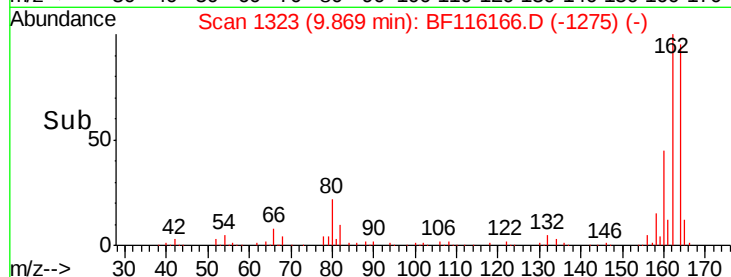
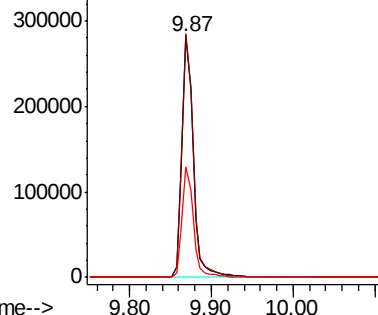
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF116166.D
Acq: 11 Aug 2019 00:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 271515
Ion Ratio Lower Upper
164 100
162 101.1 82.6 124.0
160 45.7 37.6 56.4

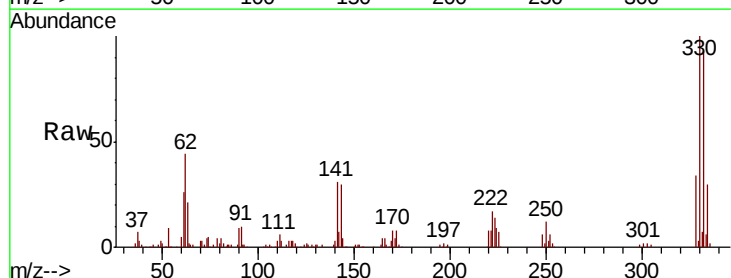


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

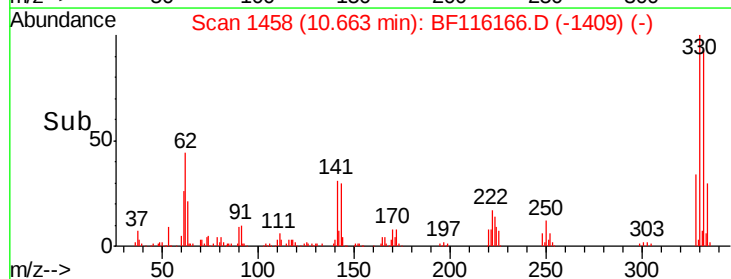
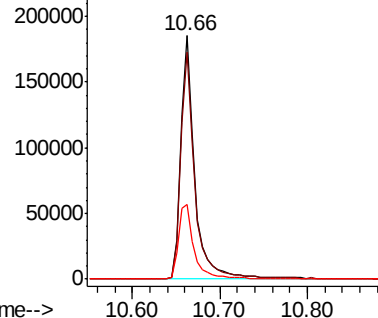


#42
2,4,6-Tribromophenol
Concen: 78.958 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.01 min
Lab File: BF116166.D
Acq: 11 Aug 2019 00:54

Tgt Ion:330 Resp: 207851
Ion Ratio Lower Upper
330 100
332 94.5 76.8 115.2
141 34.3 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

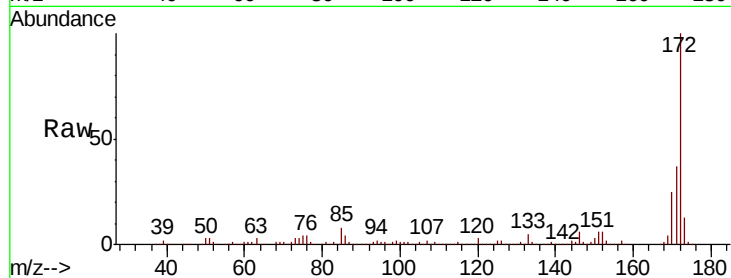




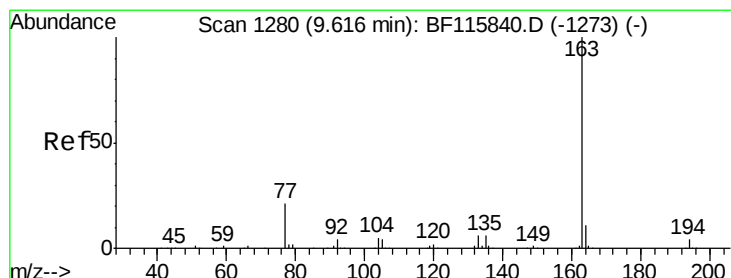
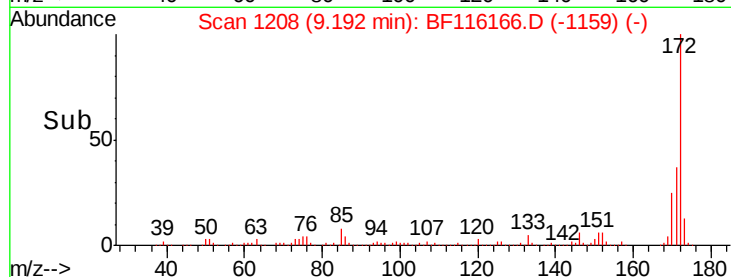
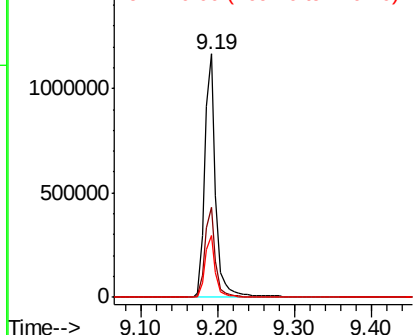
#45
2-Fluorobiphenyl
Concen: 79.335 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF116166.D
Acq: 11 Aug 2019 00:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1150021
Ion Ratio Lower Upper
172 100
171 36.7 29.6 44.4
170 25.3 20.1 30.1

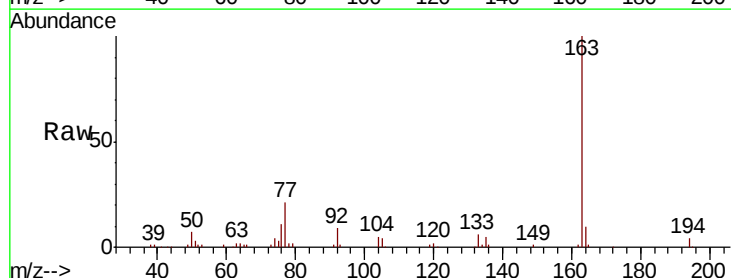


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

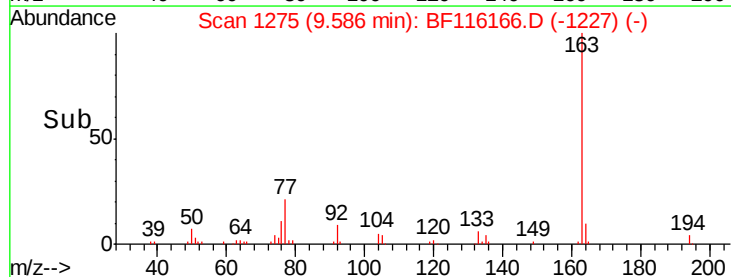
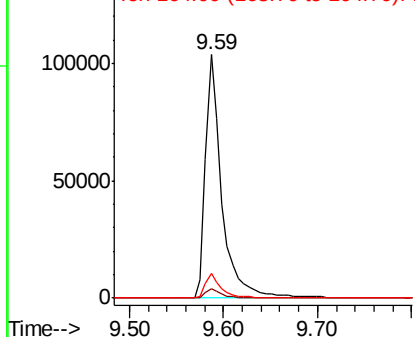


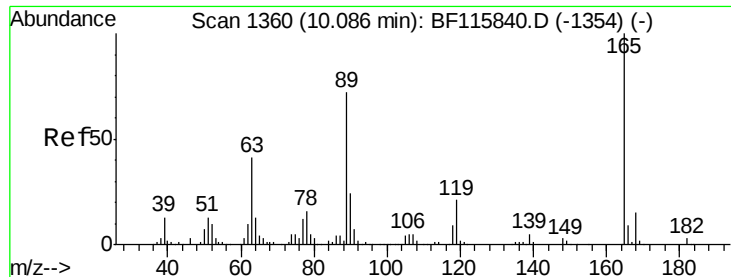
#50
Dimethylphthalate
Concen: 6.887 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF116166.D
Acq: 11 Aug 2019 00:54

Tgt Ion:163 Resp: 127312
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.6
164 10.1 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

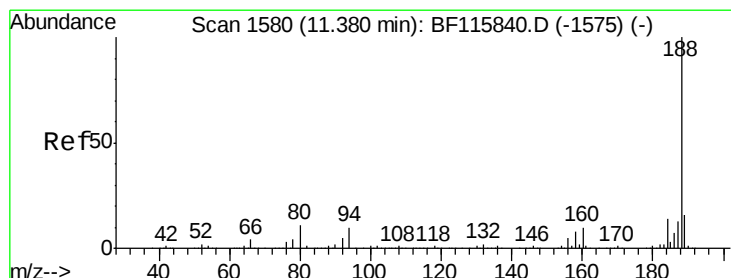
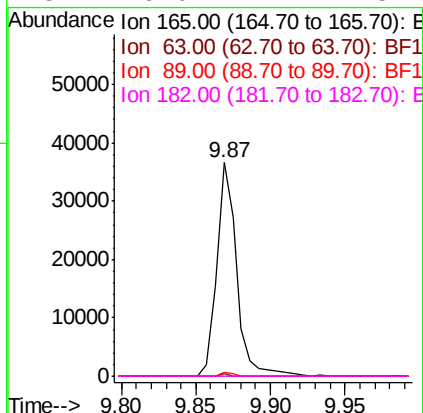
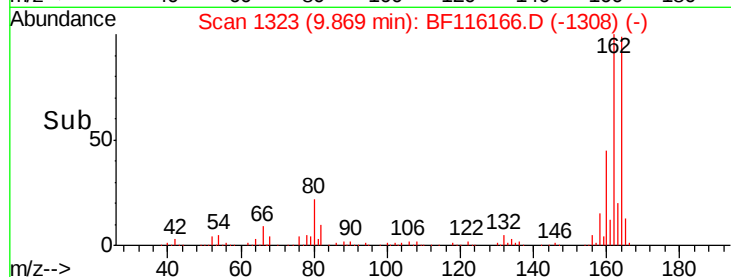
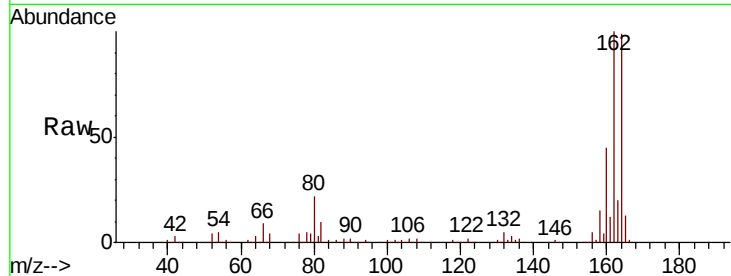




#57
 2,4-Dinitrotoluene
 Concen: 6.395 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.21 min
 Lab File: BF116166.D
 Acq: 11 Aug 2019 00:54

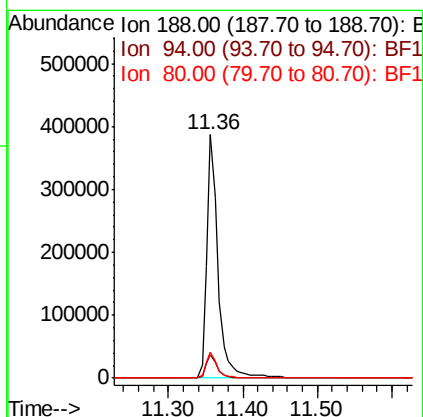
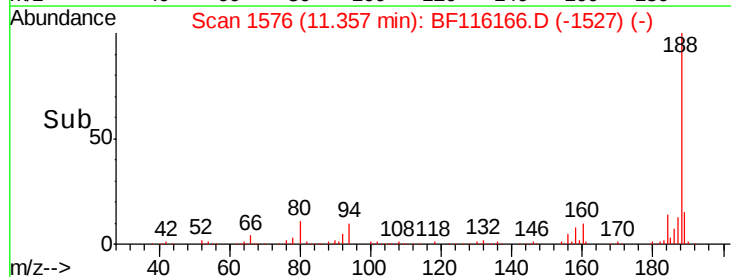
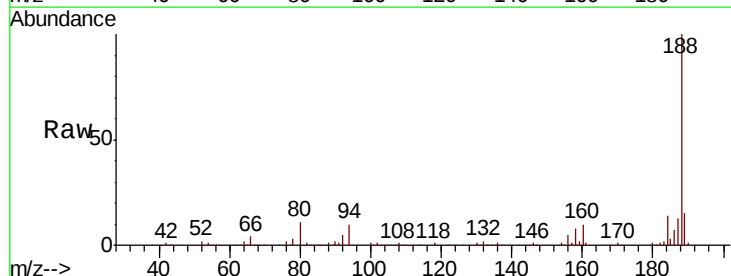
Instrument :
 BNA_F
 ClientSampleId :

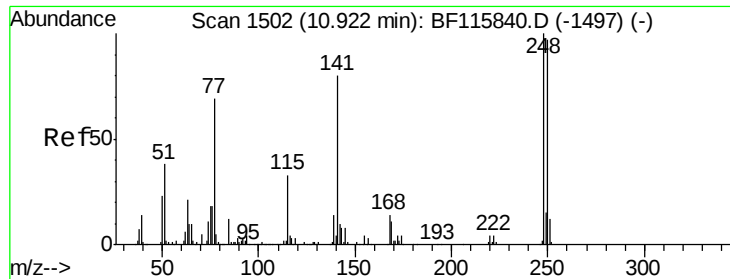
Tot Ion:165	Resp:	34207
Ion Ratio	Lower	Upper
165 100		
63 1.1	39.6	59.4#
89 1.6	62.2	93.2#
182 0.0	2.1	3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF116166.D
 Acq: 11 Aug 2019 00:54

Tgt Ion	188	Resp: Lower	407540 Upper
	Ratio		
188	100		
94	9.9	8.1	12.1
80	10.8	8.7	13.1

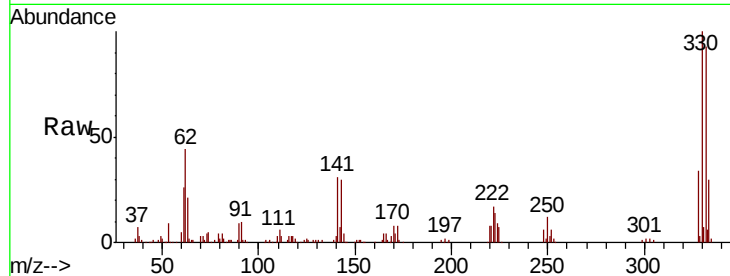




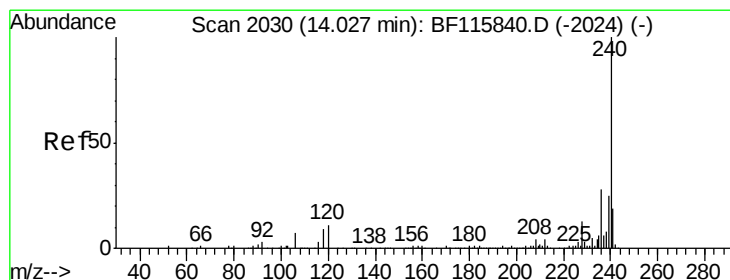
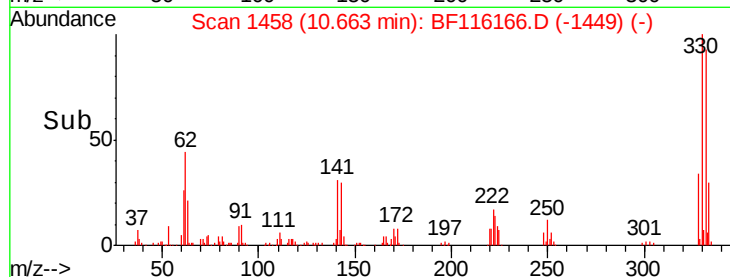
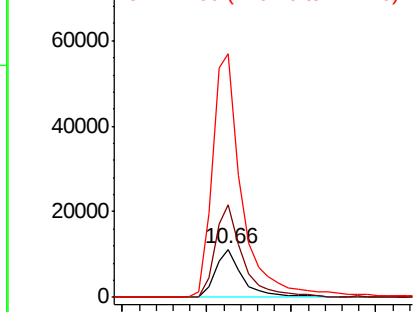
#67
 4-Bromophenyl-phenylether
 Concen: 2.894 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.25 min
 Lab File: BF116166.D
 Acq: 11 Aug 2019 00:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 12625
 Ion Ratio Lower Upper
 248 100
 250 193.3 77.4 116.2#
 141 507.5 56.8 85.2#

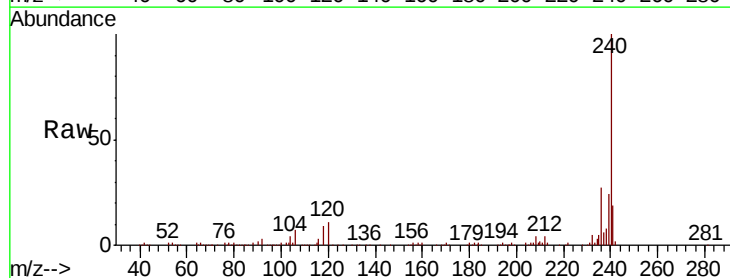


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

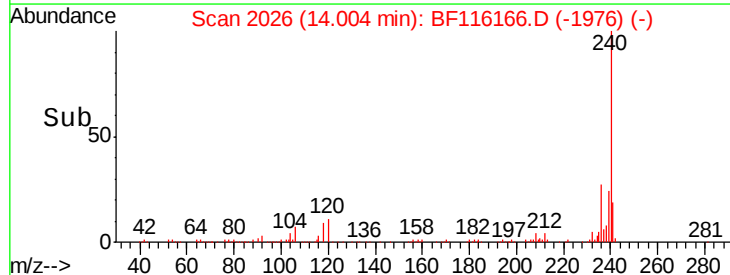
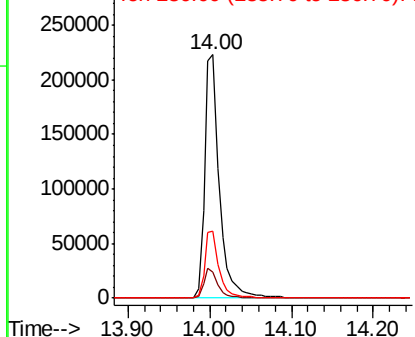


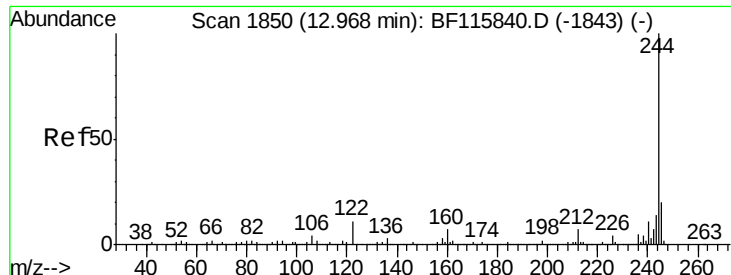
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF116166.D
 Acq: 11 Aug 2019 00:54

Tgt Ion:240 Resp: 278841
 Ion Ratio Lower Upper
 240 100
 120 10.9 10.7 16.1
 236 27.5 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: 74.595 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF116166.D

Acq: 11 Aug 2019 00:54

Instrument :

BNA_F

ClientSampleId :

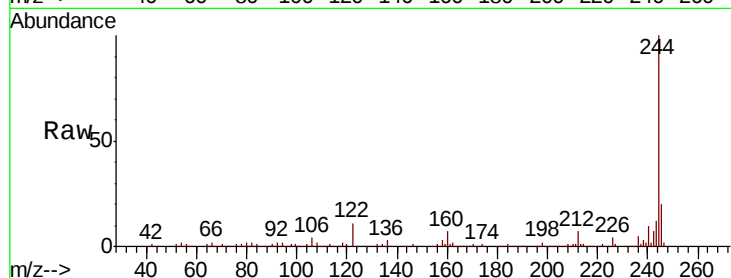
Tot Ion:244 Resp: 987109

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

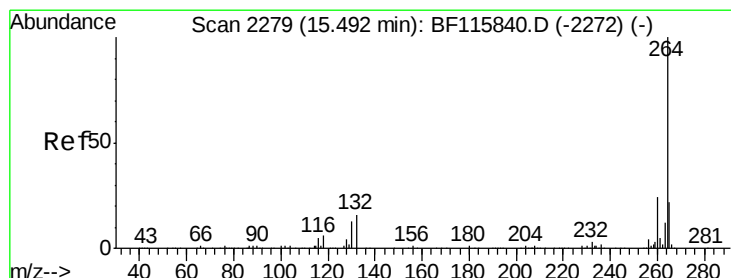
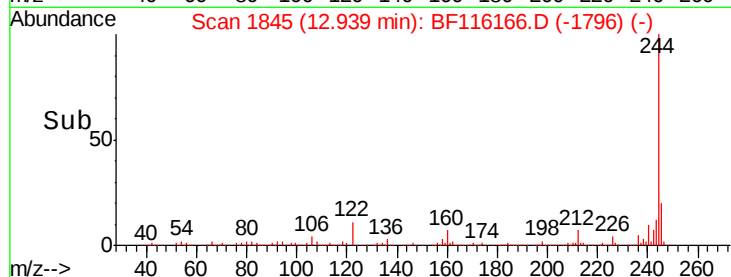
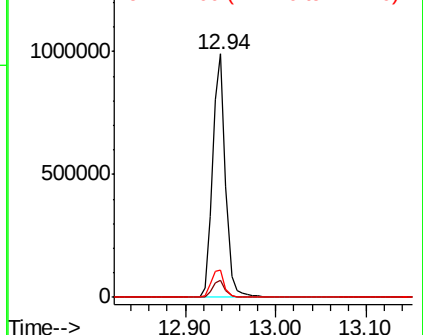
122 11.3 9.0 13.4



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: 15.47 min Scan# 2275

Delta R.T. -0.01 min

Lab File: BF116166.D

Acq: 11 Aug 2019 00:54

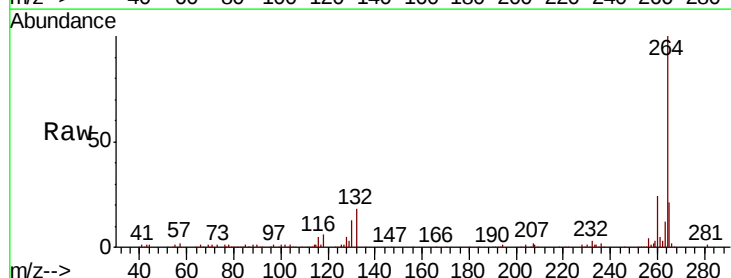
Tgt Ion:264 Resp: 266452

Ion Ratio Lower Upper

264 100

260 23.8 19.7 29.5

265 21.2 17.4 26.0



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

