

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090119\
 Data File : BF116749.D
 Acq On : 1 Sep 2019 18:15
 Operator : HP/JU
 Sample : K4548-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 02 05:26:31 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

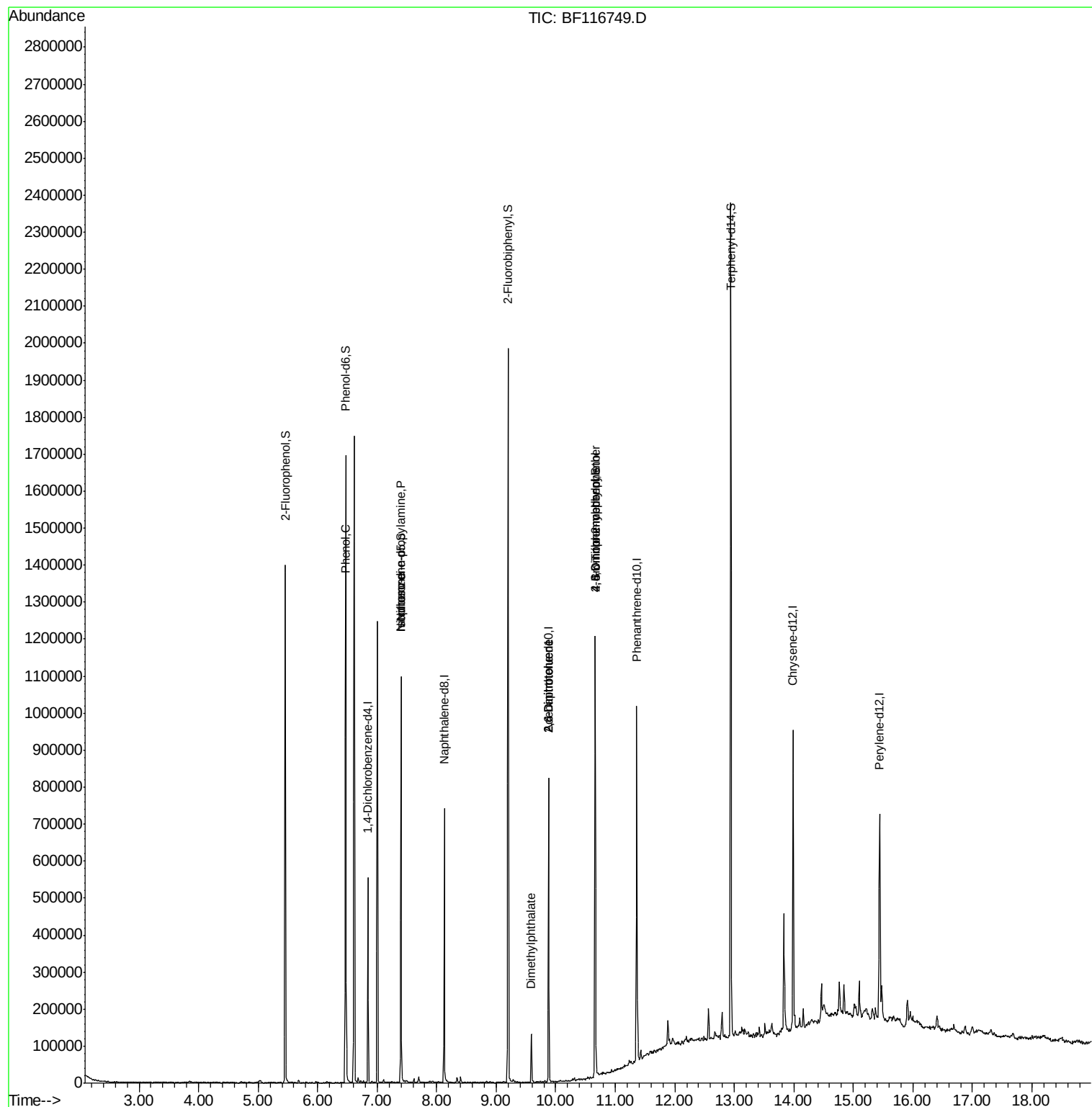
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	75543	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	302255	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	168618	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	321048	20.00	ng	-0.01
76) Chrysene-d12	13.99	240	245098	20.00	ng	-0.01
87) Perylene-d12	15.44	264	245133	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	427588	91.70	ng	0.00
7) Phenol-d6	6.47	99	586994	95.87	ng	-0.01
23) Nitrobenzene-d5	7.40	82	348243	65.77	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	118819	105.41	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	543686	54.39	ng	-0.01
79) Terphenyl-d14	12.94	244	662738	50.02	ng	-0.01
Target Compounds						
10) Phenol	6.48	94	34210	5.046	ng	97
19) n-Nitroso-di-n-propylamine	7.40	70	45774	11.354	ng	# 74
25) Isophorone	7.40	82	348238	32.459	ng	# 66
50) Dimethylphthalate	9.59	163	55552	4.772	ng	97
51) 2,6-Dinitrotoluene	9.88	165	21657	9.751	ng	# 20
57) 2,4-Dinitrotoluene	9.88	165	21657	7.974	ng	# 20
65) 4,6-Dinitro-2-methylphenol	10.66	198	145	7.555	ng	# 1
67) 4-Bromophenyl-phenylether	10.66	248	7824	2.399	ng	# 1

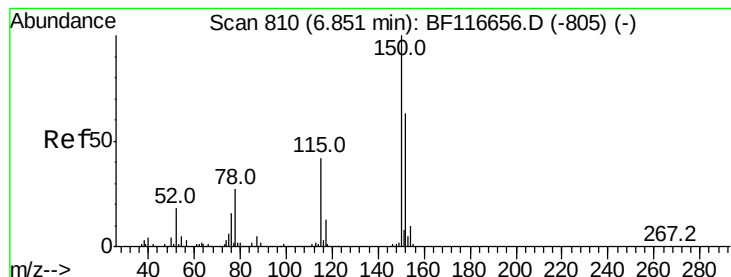
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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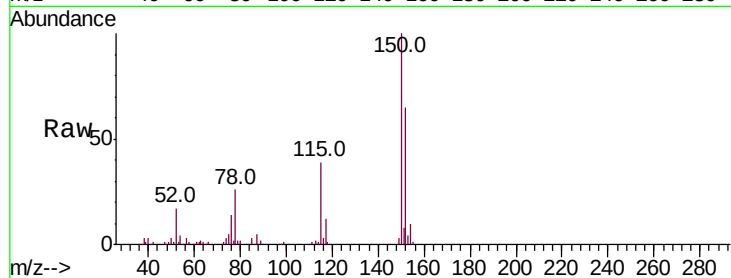


#1

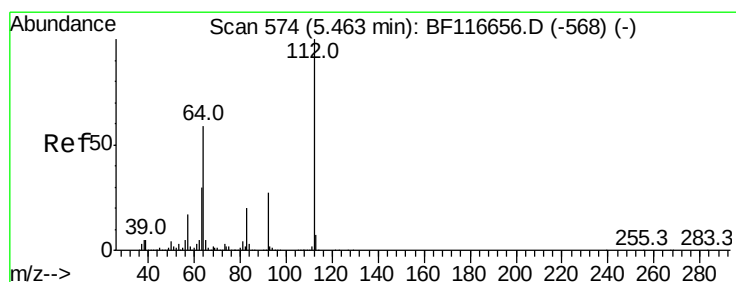
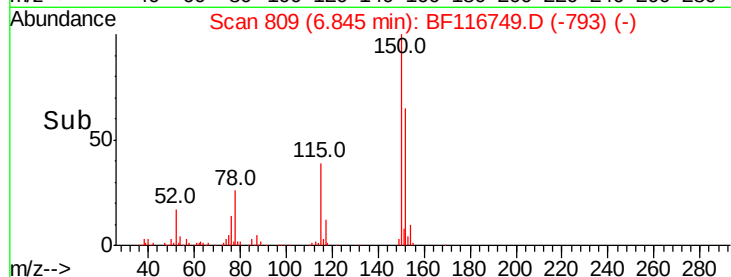
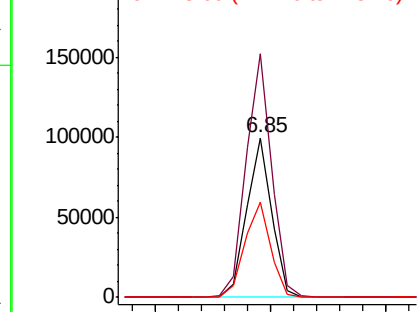
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116749.D
Acq: 1 Sep 2019 18:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 75543
Ion Ratio Lower Upper
152 100
150 153.0 124.4 186.6
115 60.1 49.9 74.9



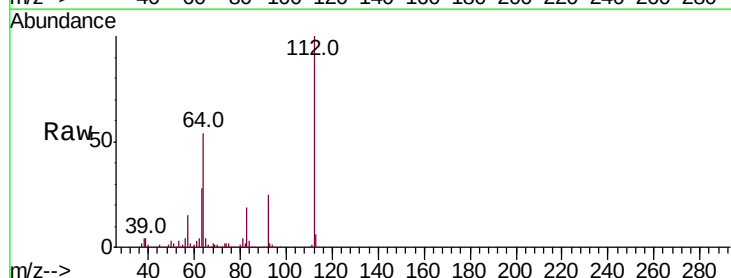
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



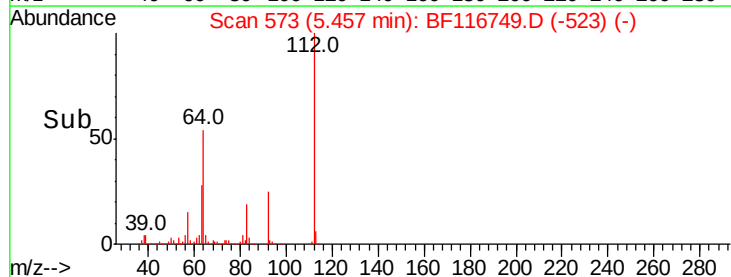
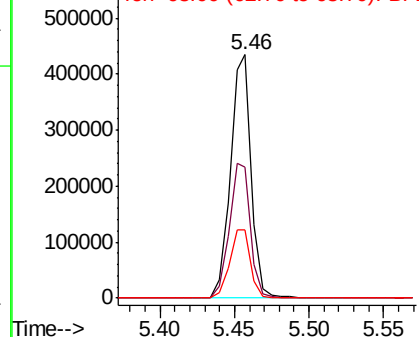
#5

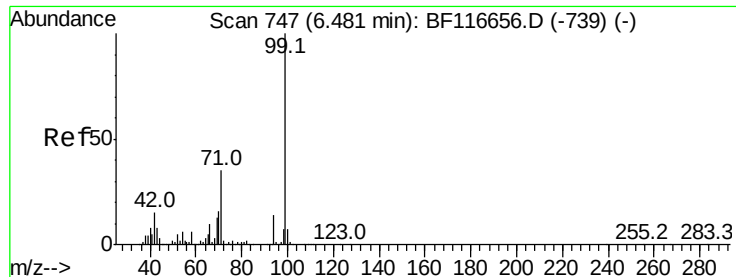
2-Fluorophenol
Concen: 91.698 ng
RT: 5.46 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF116749.D
Acq: 1 Sep 2019 18:15

Tgt Ion:112 Resp: 427588
Ion Ratio Lower Upper
112 100
64 53.9 47.1 70.7
63 28.2 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: 95.867 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF116749.D

Acq: 1 Sep 2019 18:15

Instrument :

BNA_F

ClientSampleId :

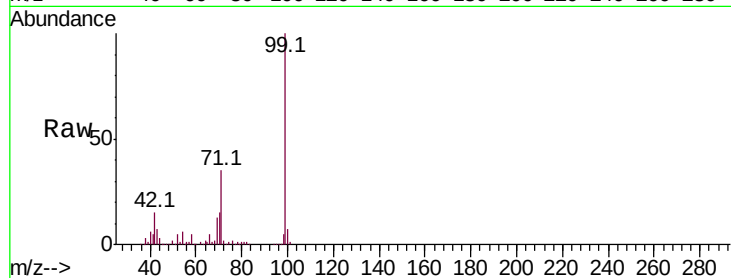
Tot Ion: 99 Resp: 586994

Ion Ratio Lower Upper

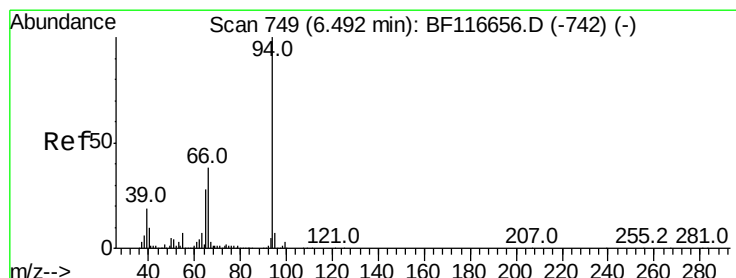
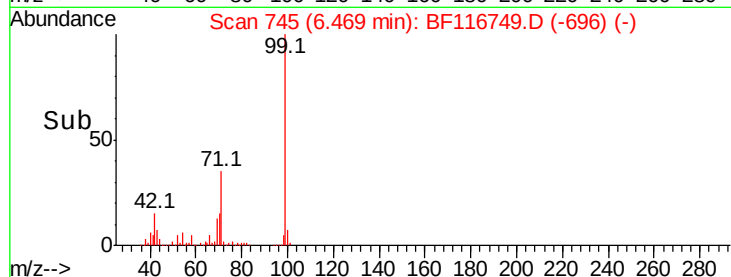
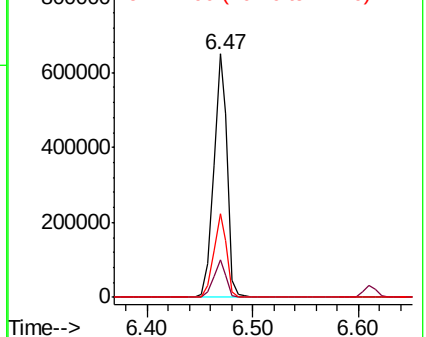
99 100

42 15.2 13.7 20.5

71 34.6 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: 5.046 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF116749.D

Acq: 1 Sep 2019 18:15

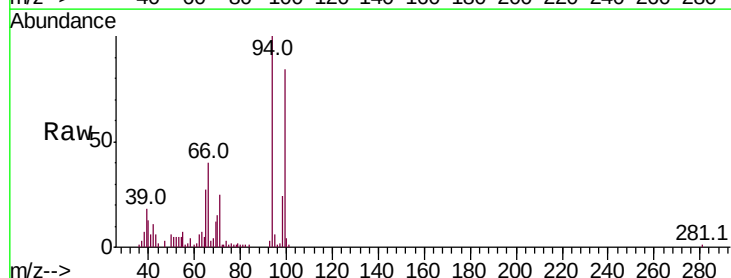
Tgt Ion: 94 Resp: 34210

Ion Ratio Lower Upper

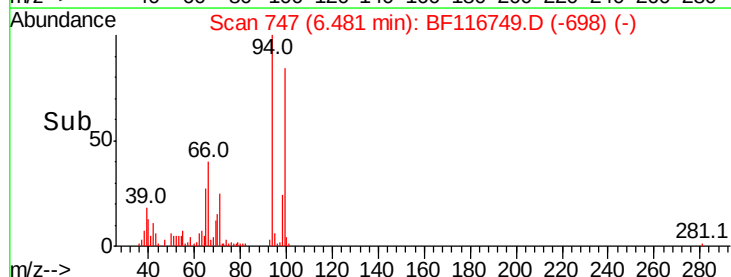
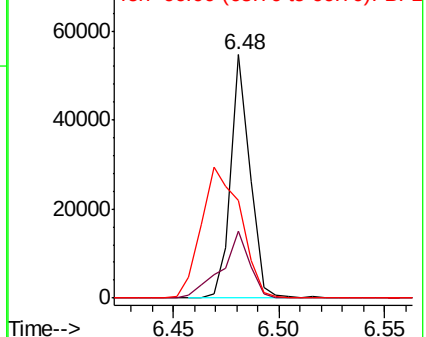
94 100

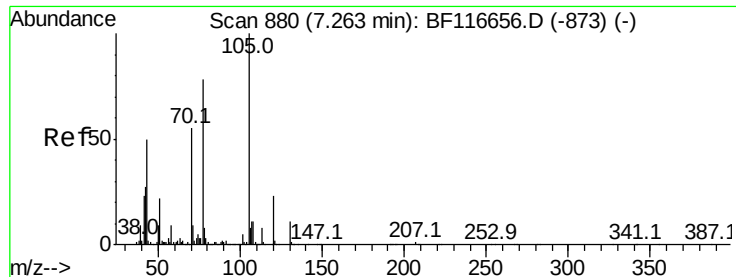
65 27.3 10.8 50.8

66 40.3 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

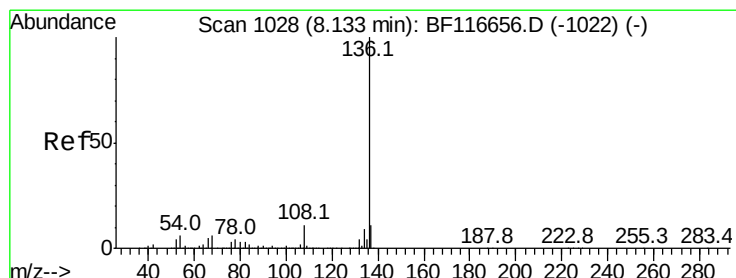
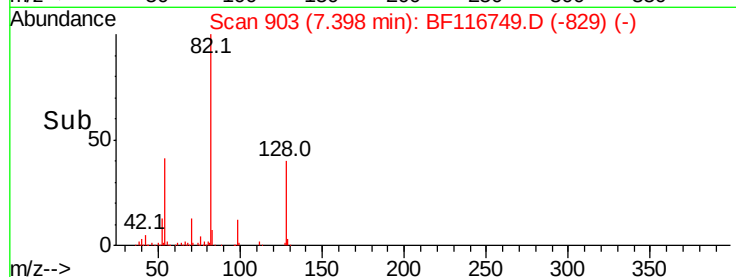
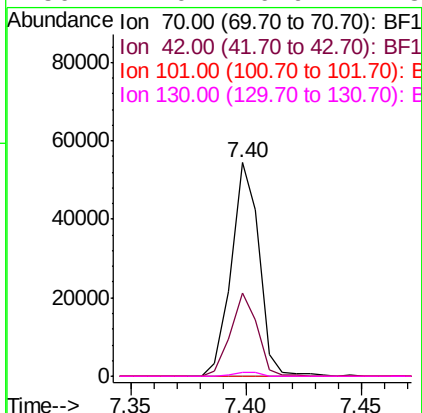
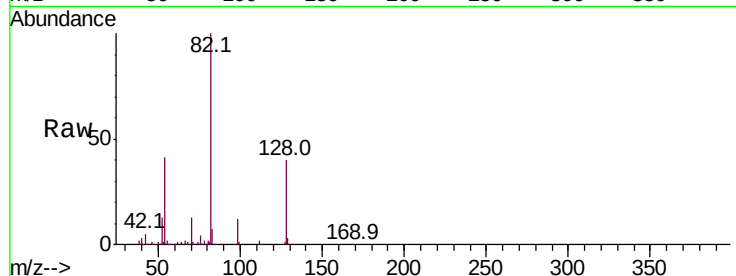




#19
n-Nitroso-di-n-propylamine
Concen: 11.354 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.14 min
Lab File: BF116749.D
Acq: 1 Sep 2019 18:15

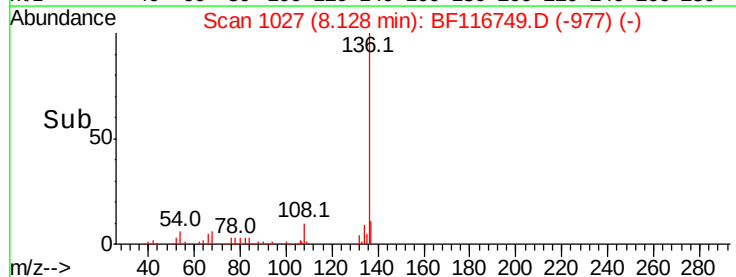
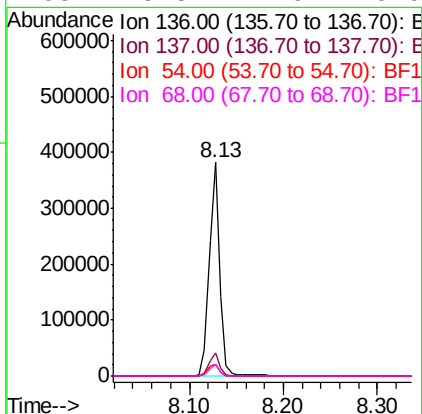
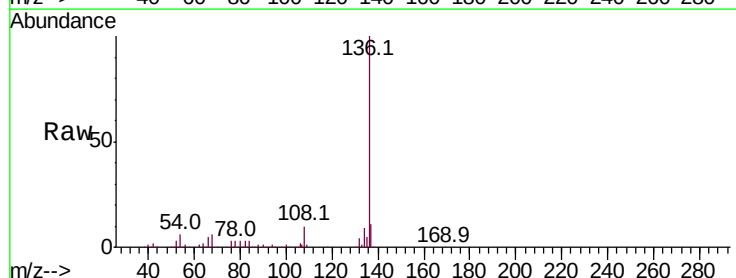
Instrument :
BNA_F
ClientSampleId :

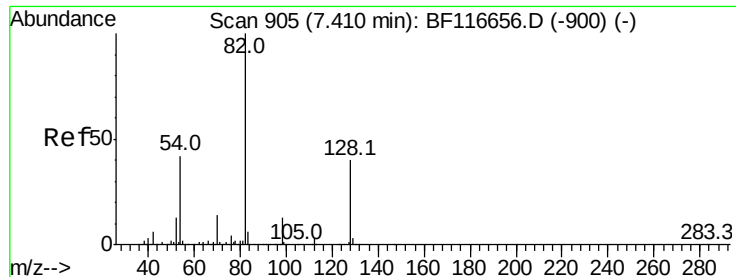
Tot Ion	Ratio	Lower	Upper
70	100		
42	39.1	43.5	65.3#
101	0.0	7.8	11.6#
130	2.0	16.6	24.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF116749.D
Acq: 1 Sep 2019 18:15

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	5.7	4.8	7.2
68	5.5	4.0	6.0

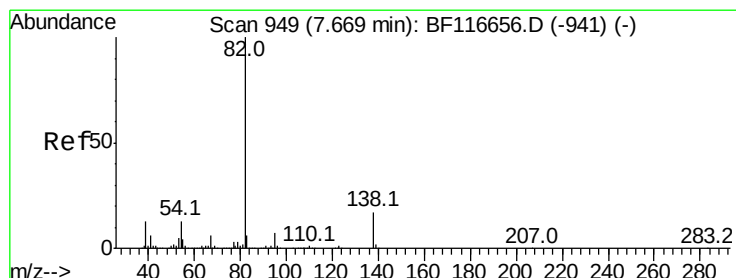
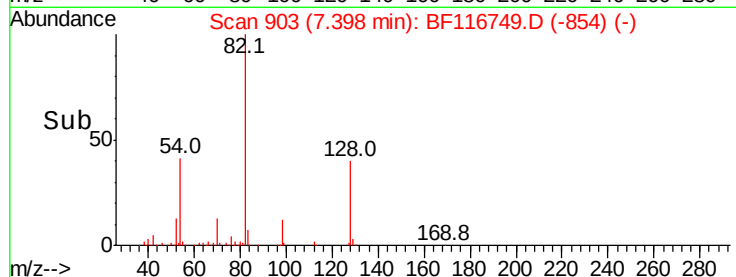
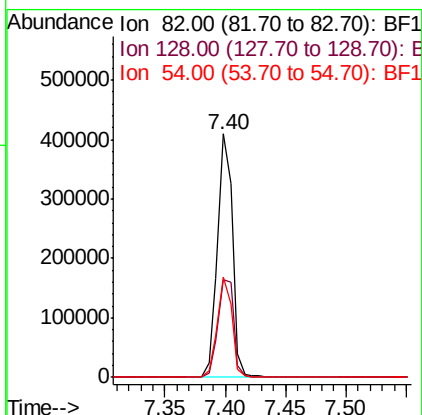
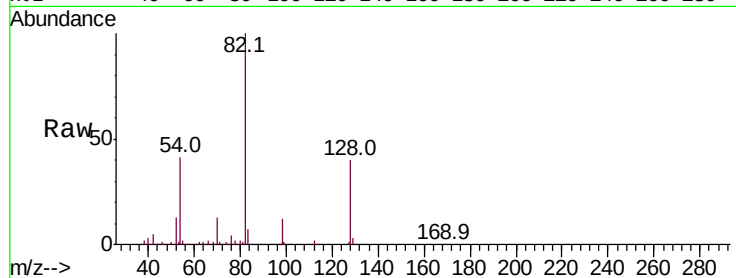




#23
Nitrobenzene-d5
Concen: 65.773 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF116749.D
Acq: 1 Sep 2019 18:15

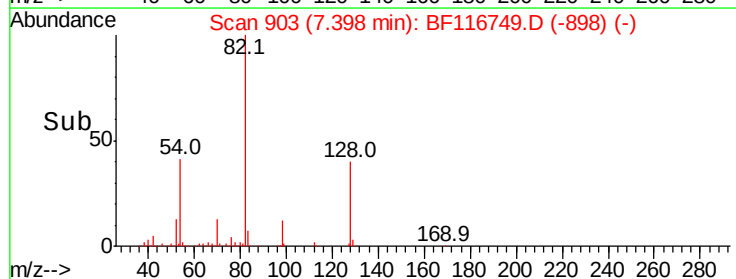
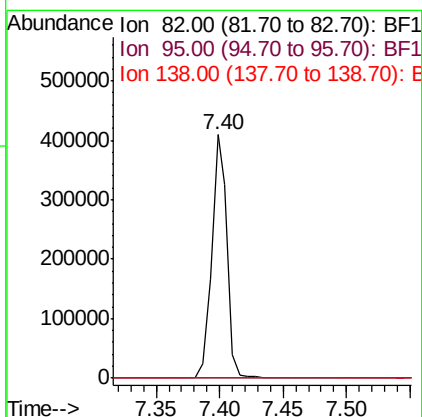
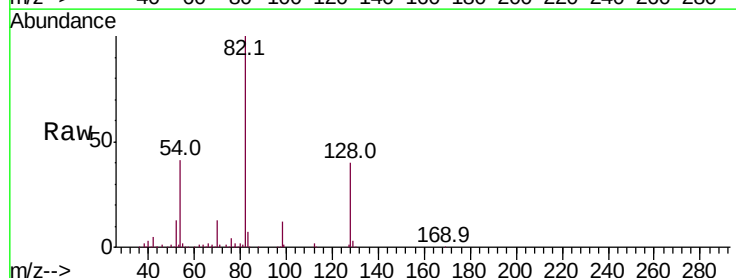
Instrument :
BNA_F
ClientSampleId :

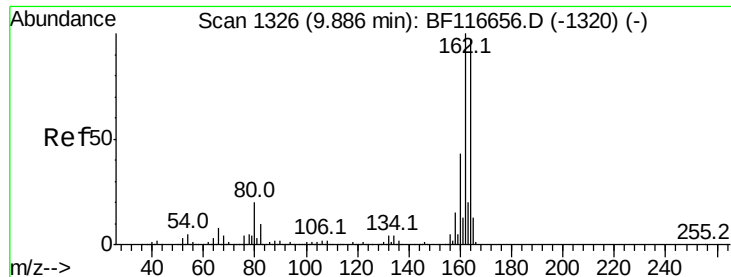
Tot Ion	82	Resp	348243
Ion Ratio	Lower	Upper	
82	100		
128	40.3	32.8	49.2
54	41.3	36.9	55.3



#25
Isophorone
Concen: 32.459 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.27 min
Lab File: BF116749.D
Acq: 1 Sep 2019 18:15

Tgt Ion	82	Resp	348238
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.8	8.6#
138	0.0	13.5	20.3#

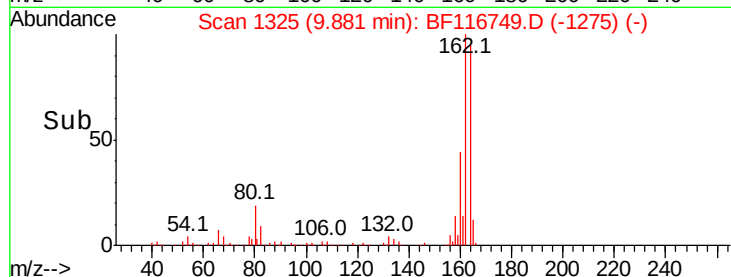
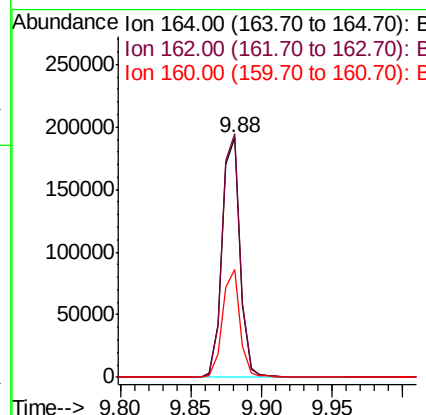
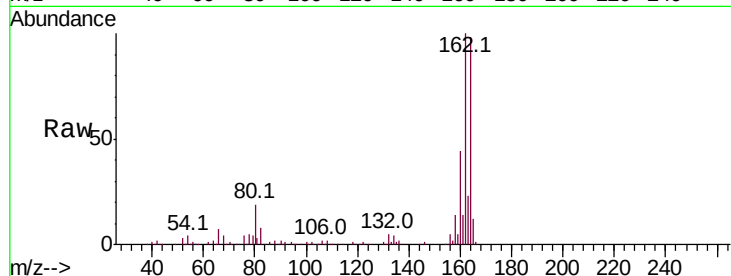




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF116749.D
Acq: 1 Sep 2019 18:15

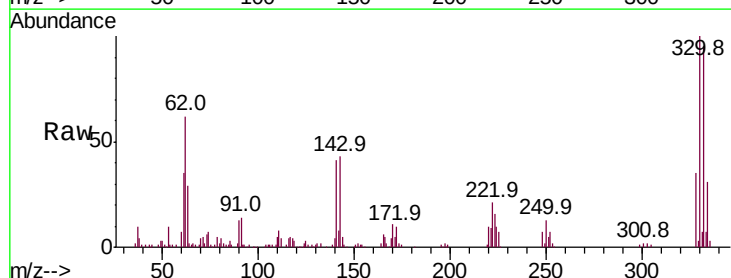
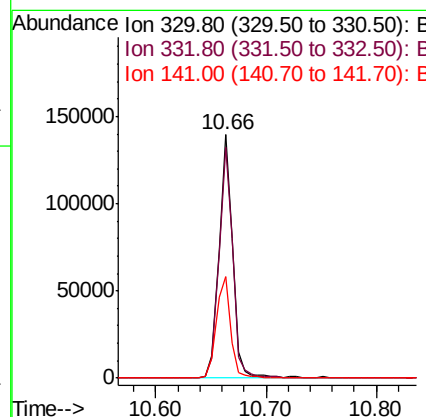
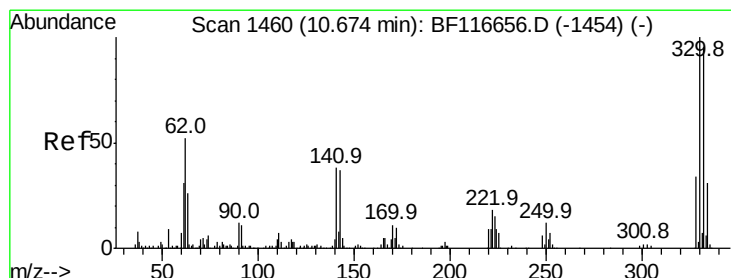
Instrument :
BNA_F
ClientSampleId :

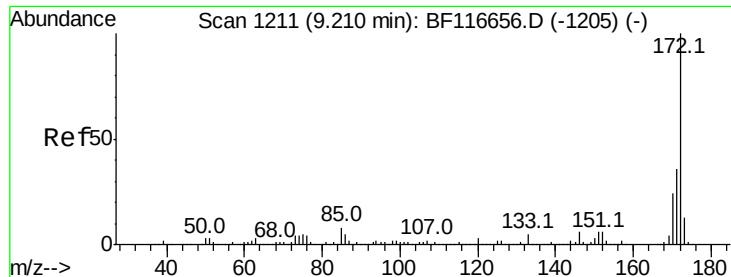
Tot Ion:164 Resp: 168618
Ion Ratio Lower Upper
164 100
162 101.7 81.4 122.0
160 44.9 35.4 53.2



#42
2,4,6-Tribromophenol
Concen: 105.406 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.01 min
Lab File: BF116749.D
Acq: 1 Sep 2019 18:15

Tgt Ion:330 Resp: 118819
Ion Ratio Lower Upper
330 100
332 96.1 76.9 115.3
141 43.7 31.4 47.2

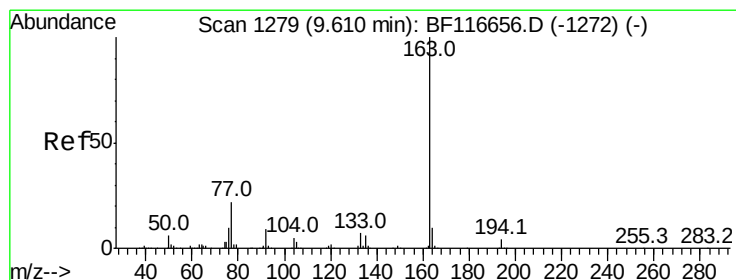
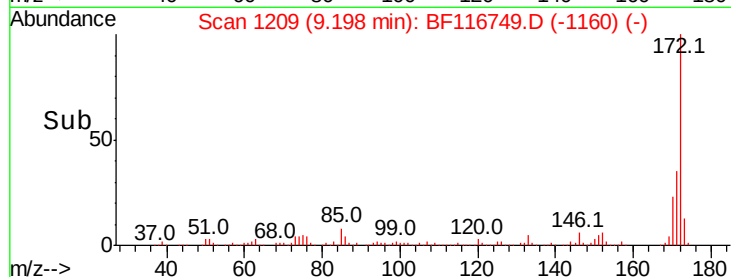
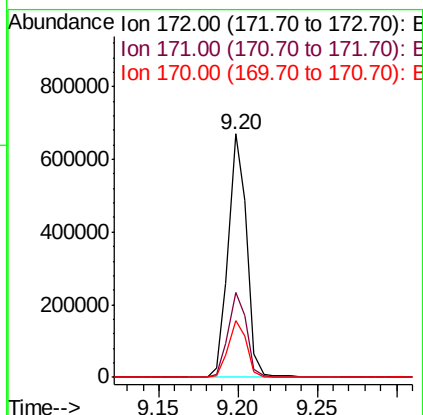
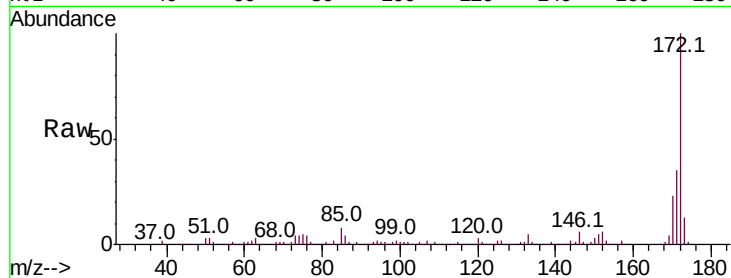




#45
 2-Fluorobiphenyl
 Concen: 54.392 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF116749.D
 Acq: 1 Sep 2019 18:15

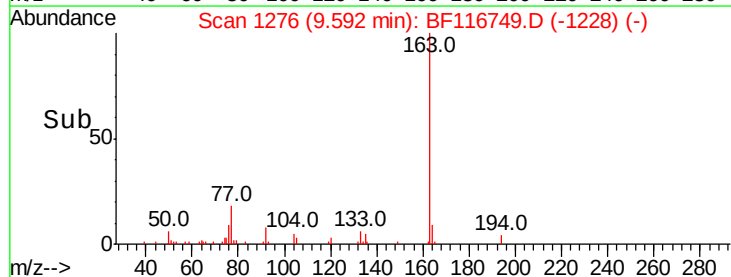
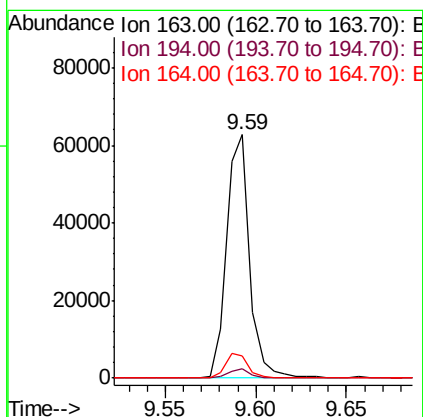
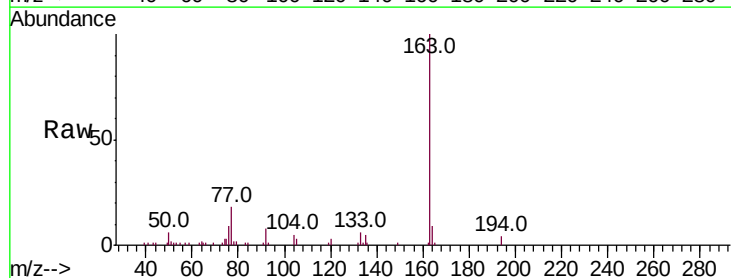
Instrument :
 BNA_F
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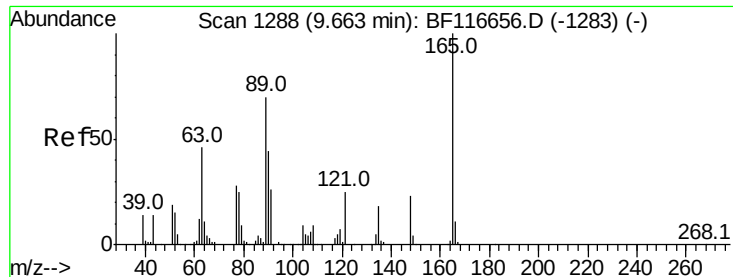
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.8	41.6
170	23.3	18.9	28.3



#50
 Dimethylphthalate
 Concen: 4.772 ng
 RT: 9.59 min Scan# 1276
 Delta R.T. -0.02 min
 Lab File: BF116749.D
 Acq: 1 Sep 2019 18:15

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.8	4.2
164	9.3	8.6	12.8

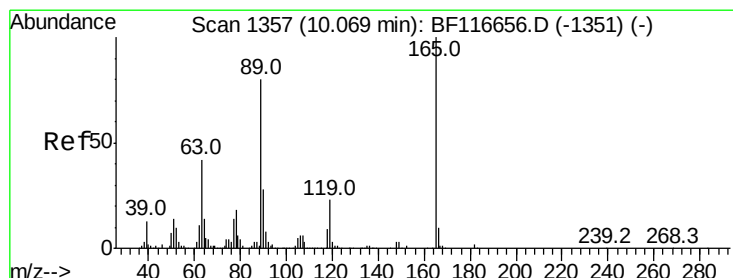
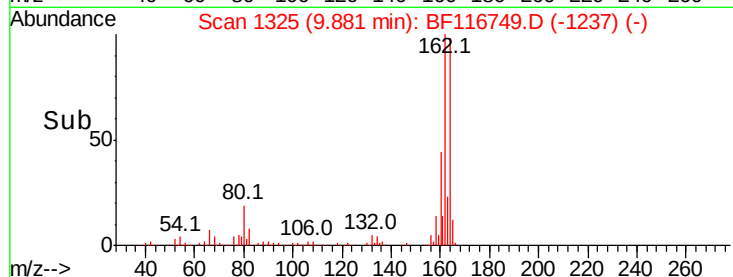
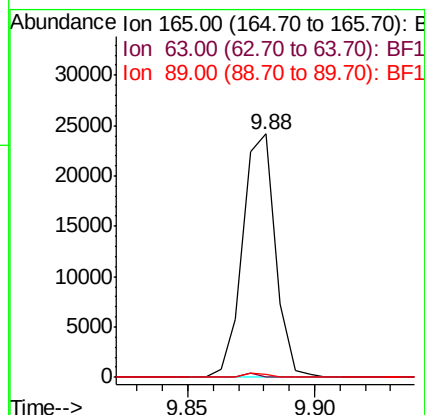
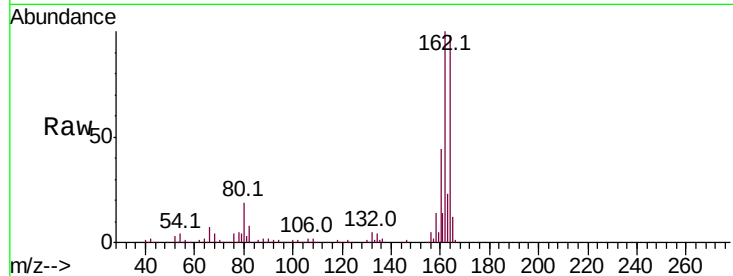




#51
 2,6-Dinitrotoluene
 Concen: 9.751 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. 0.22 min
 Lab File: BF116749.D
 Acq: 1 Sep 2019 18:15

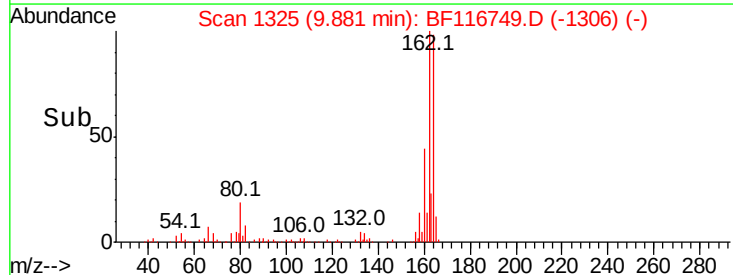
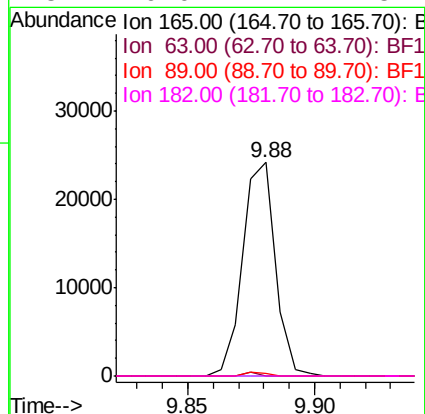
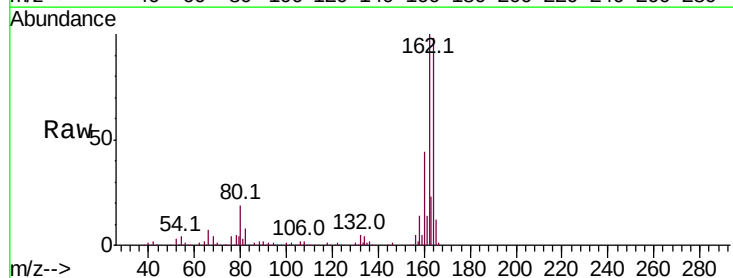
Instrument :
 BNA_F
 ClientSampleId :

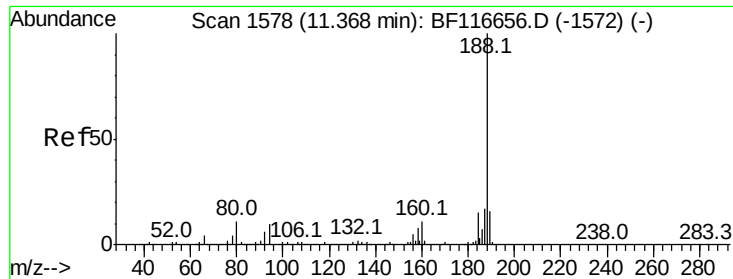
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	47.3	70.9#
89	1.4	52.5	78.7#



#57
 2,4-Dinitrotoluene
 Concen: 7.974 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.19 min
 Lab File: BF116749.D
 Acq: 1 Sep 2019 18:15

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.4	62.6	94.0#
182	0.0	2.1	3.1#

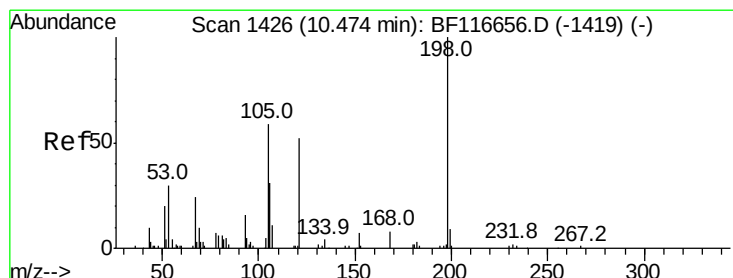
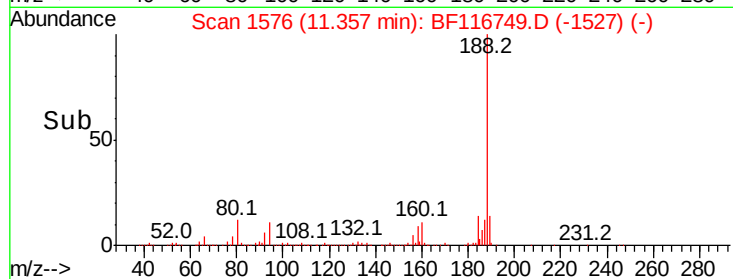
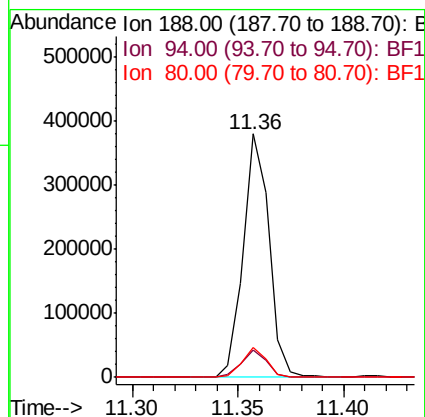
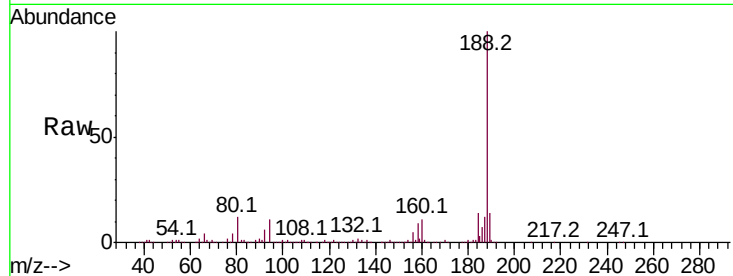




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF116749.D
Acq: 1 Sep 2019 18:15

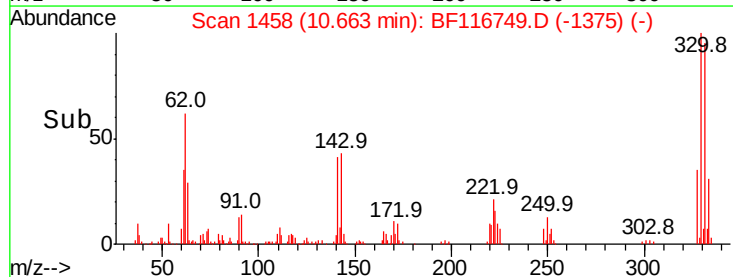
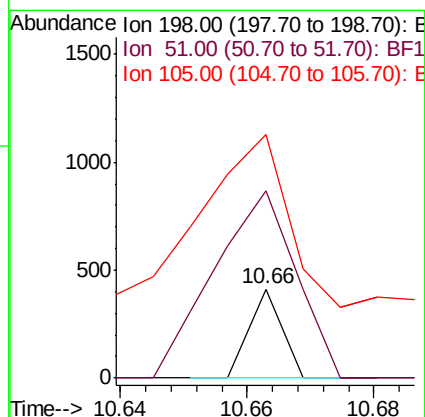
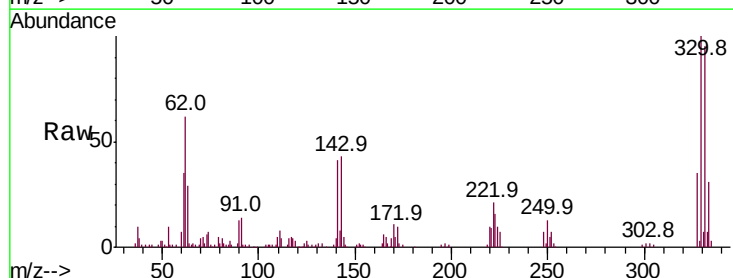
Instrument :
BNA_F
ClientSampled :

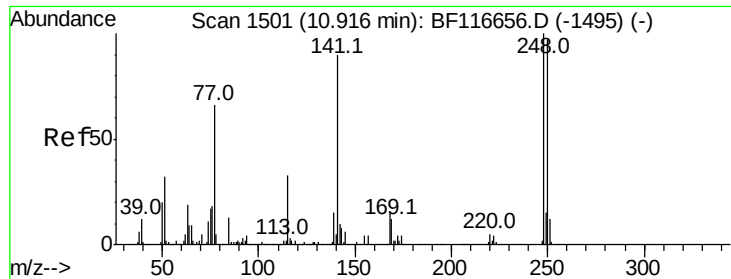
Tot Ion:188 Resp: 321048
Ion Ratio Lower Upper
188 100
94 11.1 7.3 10.9#
80 12.4 8.4 12.6



#65
4,6-Dinitro-2-methylphenol
Concen: 7.555 ng
RT: 10.66 min Scan# 1458
Delta R.T. 0.19 min
Lab File: BF116749.D
Acq: 1 Sep 2019 18:15

Tgt Ion:198 Resp: 145
Ion Ratio Lower Upper
198 100
51 210.7 18.4 58.4#
105 273.8 22.9 62.9#

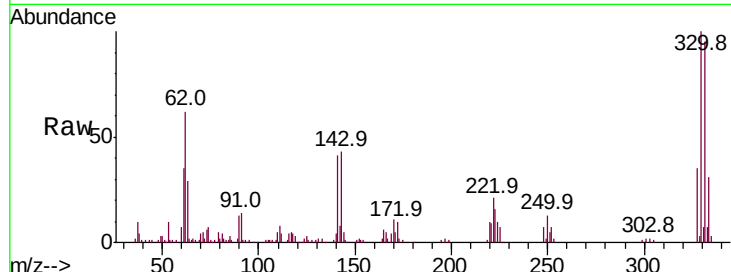




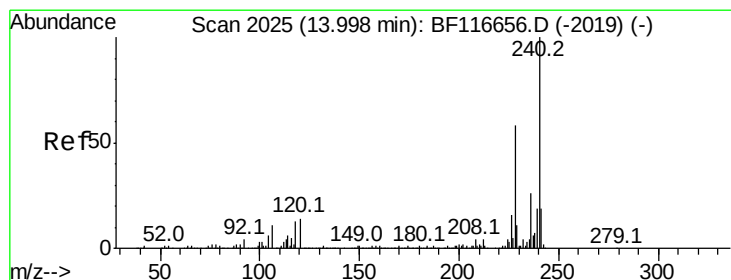
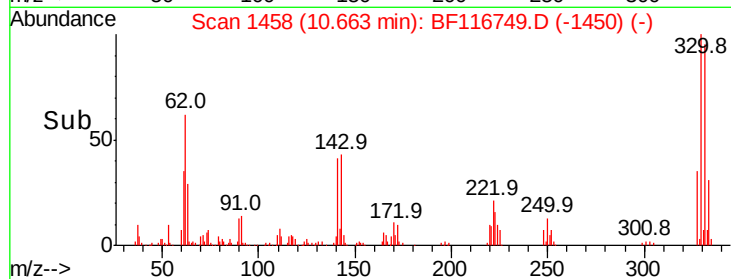
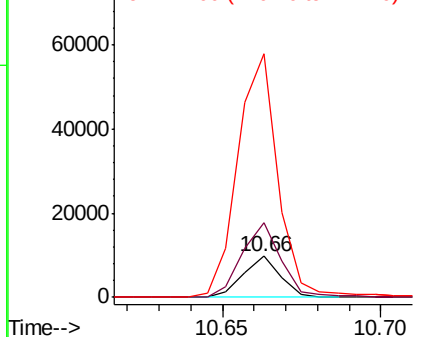
#67
4-Bromophenyl-phenylether
Concen: 2.399 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.25 min
Lab File: BF116749.D
Acq: 1 Sep 2019 18:15

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 7824
Ion Ratio Lower Upper
248 100
250 182.7 77.8 116.8#
141 597.5 75.9 113.9#

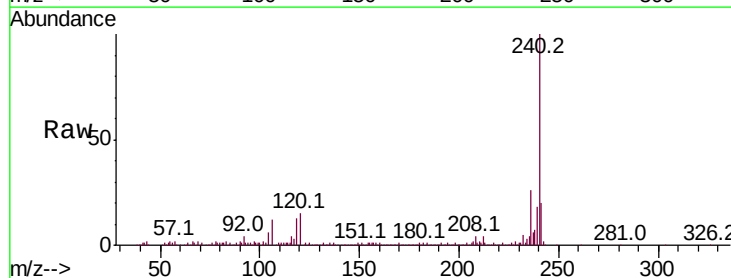


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

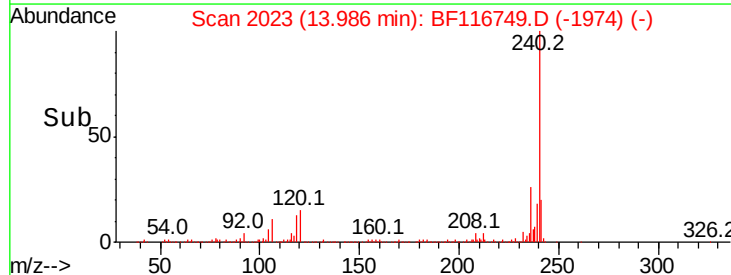
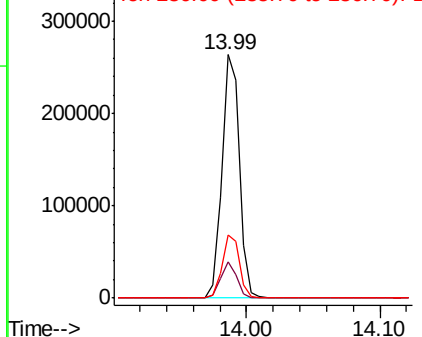


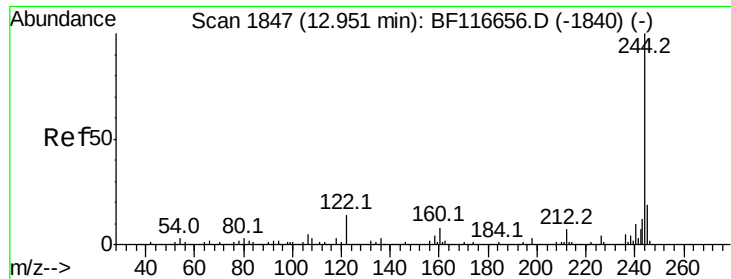
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF116749.D
Acq: 1 Sep 2019 18:15

Tgt Ion:240 Resp: 245098
Ion Ratio Lower Upper
240 100
120 14.8 9.1 13.7#
236 25.7 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: 50.022 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF116749.D

Acq: 1 Sep 2019 18:15

Instrument :

BNA_F

ClientSampled :

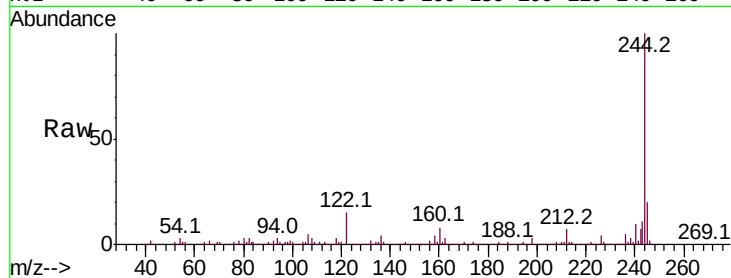
Tot Ion:244 Resp: 662738

Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

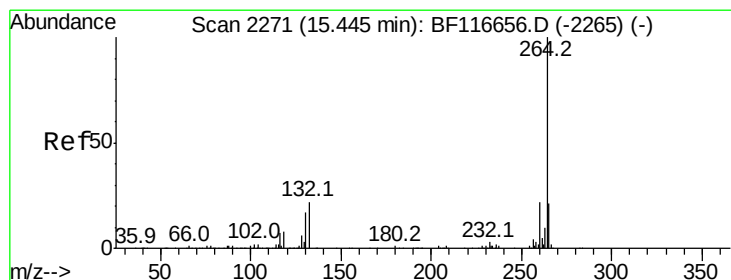
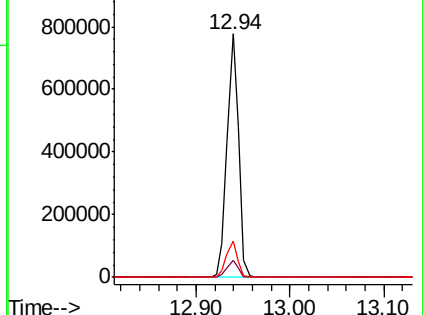
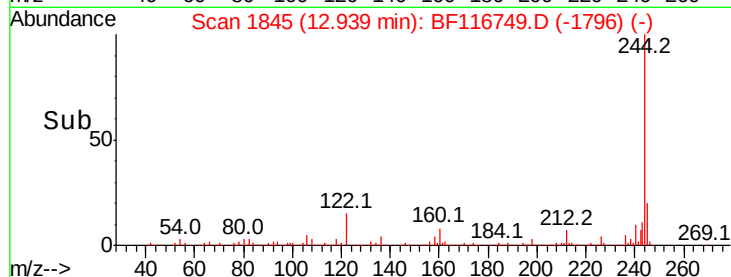
122 14.9 10.2 15.4



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# 2270

Delta R.T. -0.01 min

Lab File: BF116749.D

Acq: 1 Sep 2019 18:15

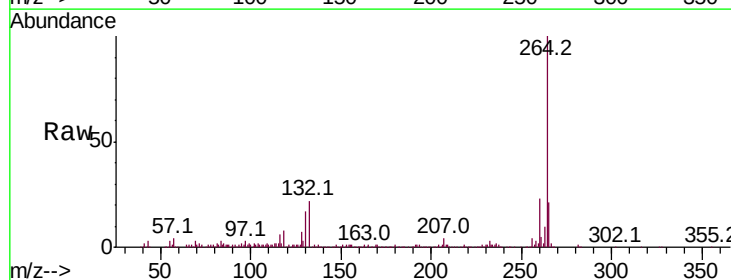
Tgt Ion:264 Resp: 245133

Ion Ratio Lower Upper

264 100

260 22.7 18.3 27.5

265 21.5 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

