

Data File : BF116730.D
Acq On : 1 Sep 2019 7:16
Operator : HP/JU
Sample : K4526-34
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
T9-12-13-G1-G4-(0-1.9)

Quant Time: Sep 02 05:46:31 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	119998	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	484877	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	257575	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	435692	20.00	ng	-0.01
76) Chrysene-d12	13.99	240	297186	20.00	ng	-0.01
87) Perylene-d12	15.44	264	302471	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.47	112	838556	113.21	ng	0.00
7) Phenol-d6	6.47	99	992709	102.07	ng	0.00
23) Nitrobenzene-d5	7.40	82	797422	93.89	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	266902	155.00	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	1408451	92.24	ng	0.00
79) Terphenyl-d14	12.95	244	1454615	90.55	ng	0.00

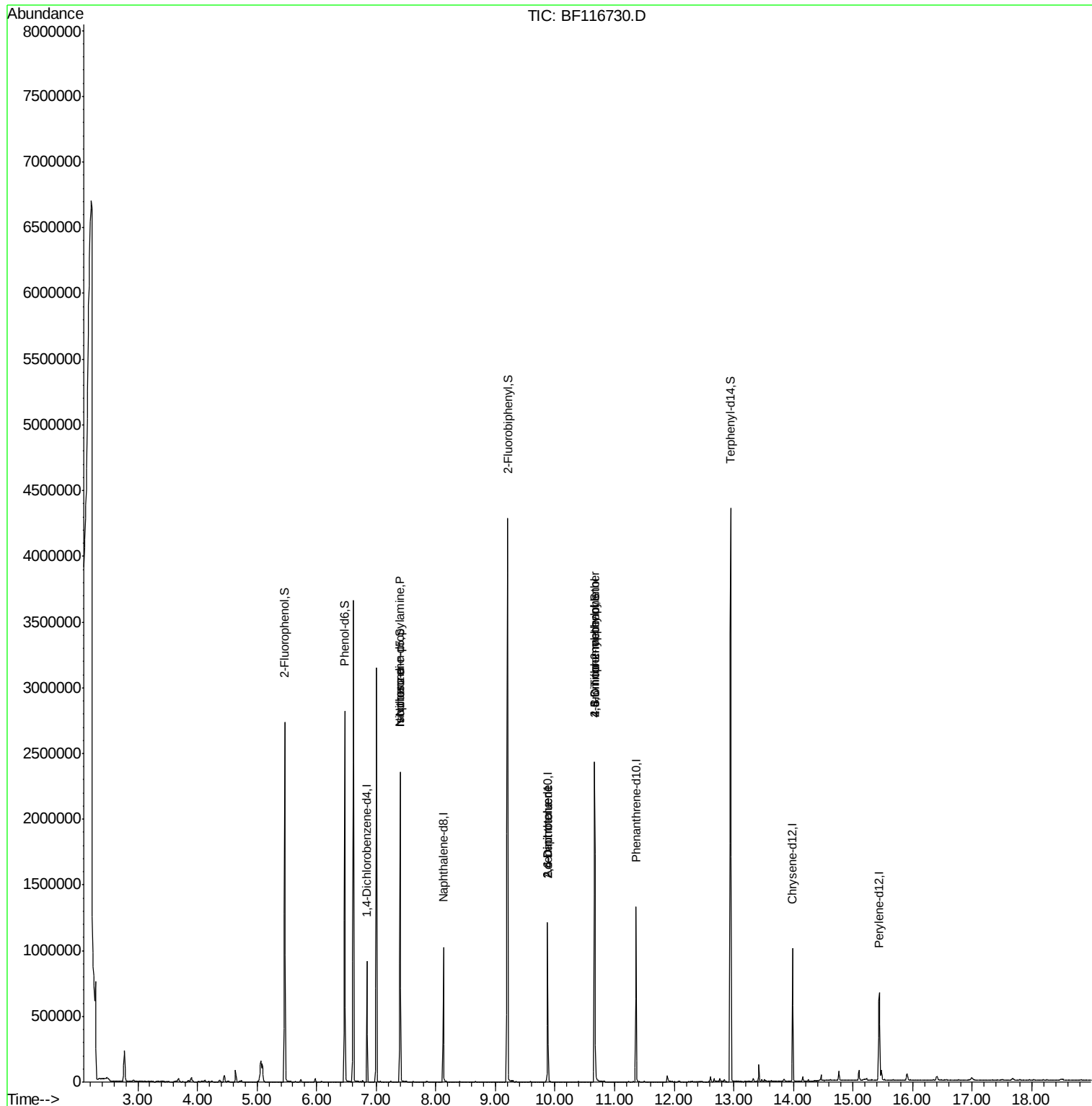
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.40	70	104899	16.380	ng	# 75
25) Isophorone	7.40	82	797409	46.331	ng	# 66
51) 2,6-Dinitrotoluene	9.87	165	32412	9.553	ng	# 20
57) 2,4-Dinitrotoluene	9.87	165	32412	7.813	ng	# 20
65) 4,6-Dinitro-2-methylphenol	10.66	198	636	7.786	ng	# 1
67) 4-Bromophenyl-phenylether	10.66	248	17103	3.864	ng	# 1

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

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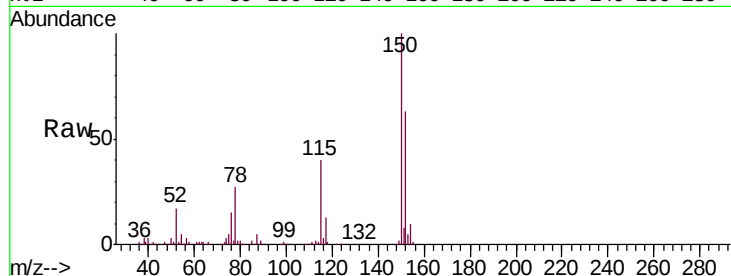


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116730.D
Acq: 1 Sep 2019 7:16

Instrument :
BNA_F
ClientSampleId :
T9-12-13-G1-G4-(0-1.9)

Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.6	124.4	186.6
115	64.0	49.9	74.9

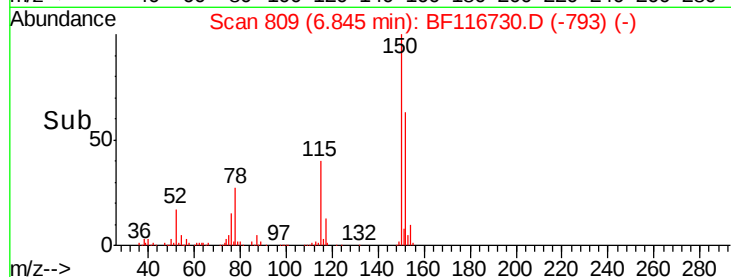
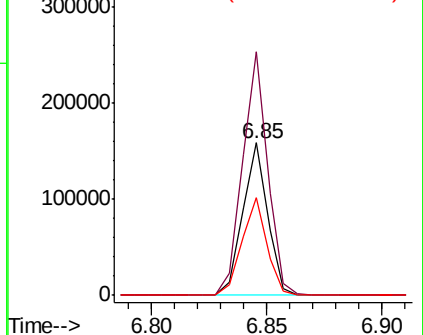


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

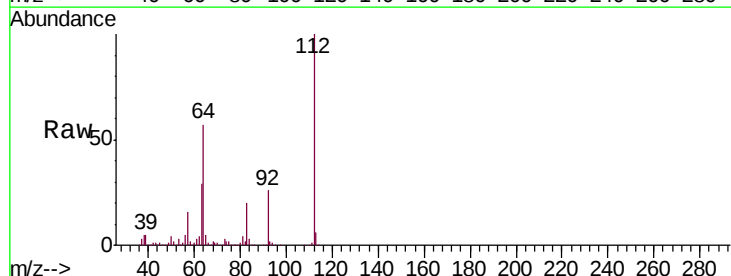
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 113.211 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF116730.D
Acq: 1 Sep 2019 7:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.6	47.1	70.7
63	28.8	24.9	37.3

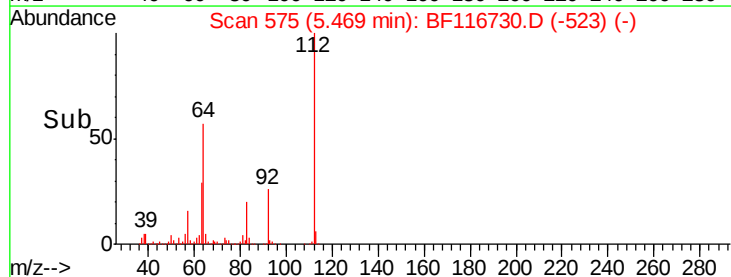
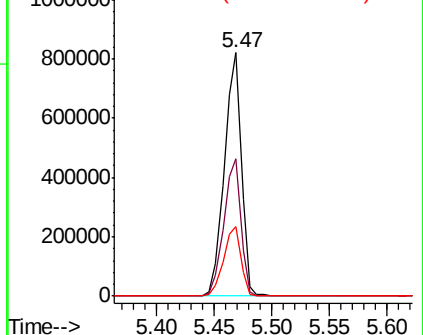


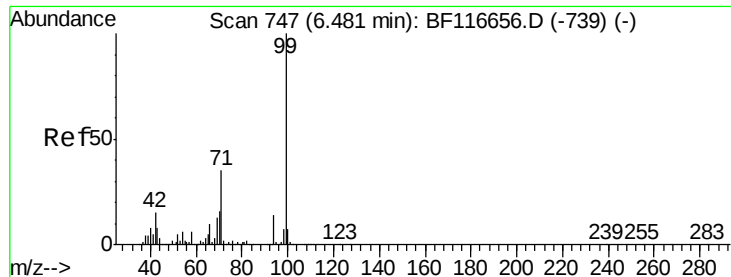
Abundance

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: 102.065 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116730.D

Acq: 1 Sep 2019 7:16

Instrument :

BNA_F

ClientSampleId :

T9-12-13-G1-G4-(0-1.9)

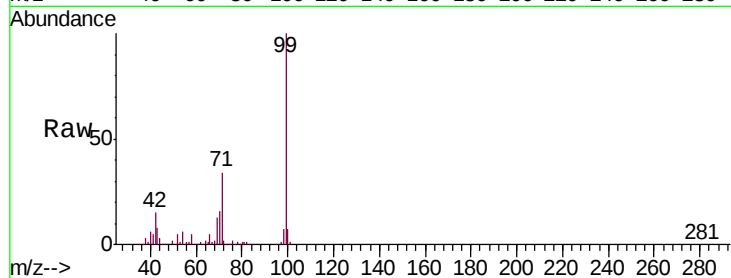
Tgt Ion: 99 Resp: 992709

Ion Ratio Lower Upper

99 100

42 15.1 13.7 20.5

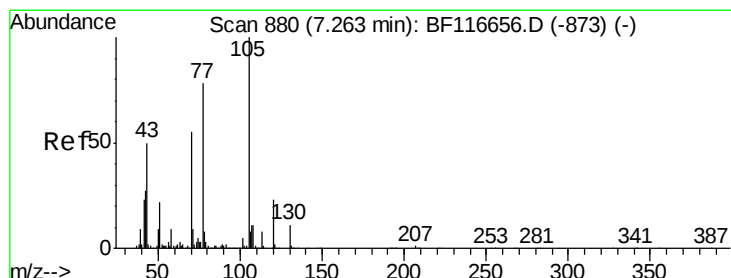
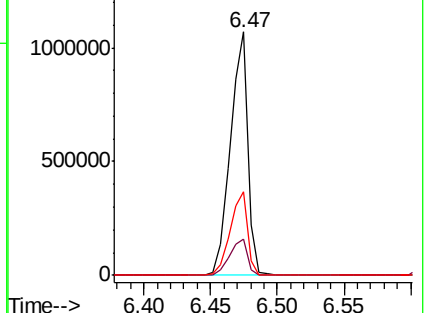
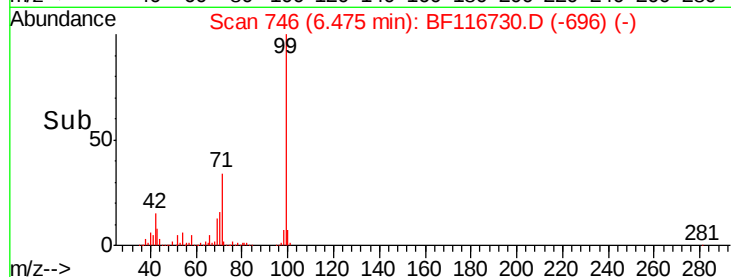
71 34.2 30.8 46.2



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



#19

n-Nitroso-di-n-propylamine

Concen: 16.380 ng

RT: 7.40 min Scan# 904

Delta R.T. 0.14 min

Lab File: BF116730.D

Acq: 1 Sep 2019 7:16

Tgt Ion: 70 Resp: 104899

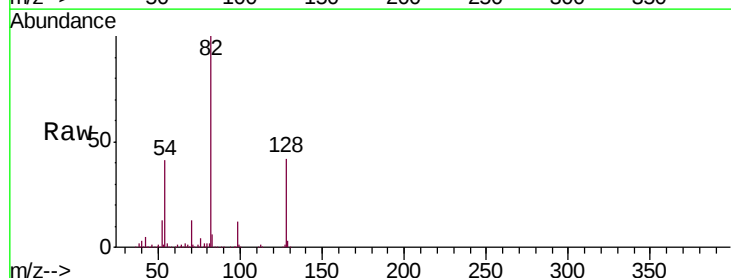
Ion Ratio Lower Upper

70 100

42 40.6 43.5 65.3#

101 0.0 7.8 11.6#

130 1.6 16.6 24.8#

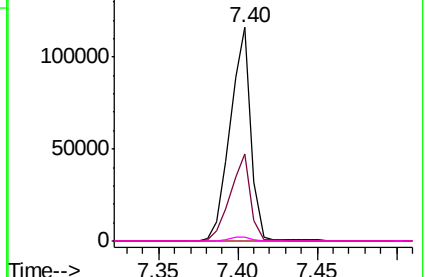
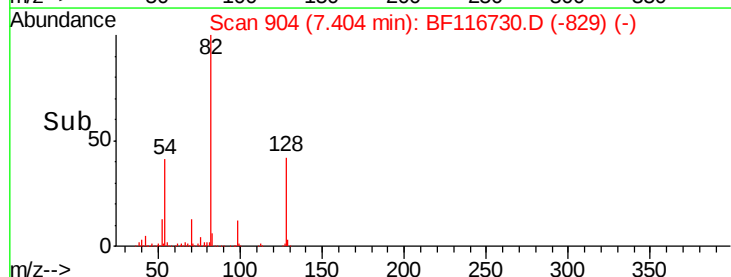


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

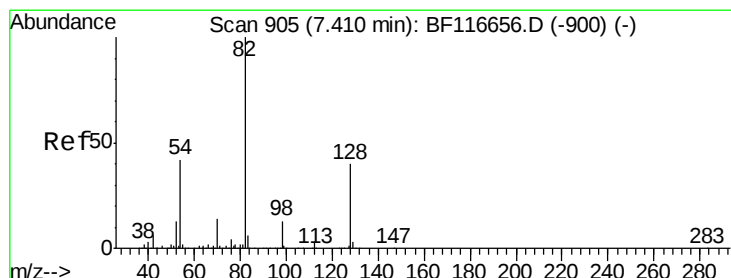
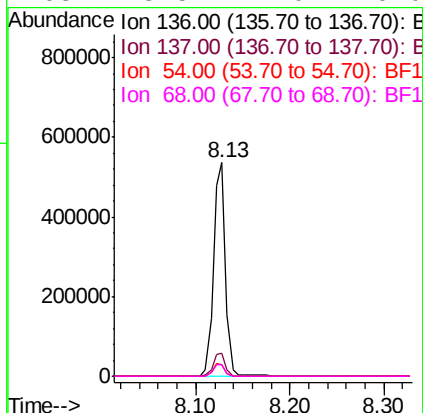
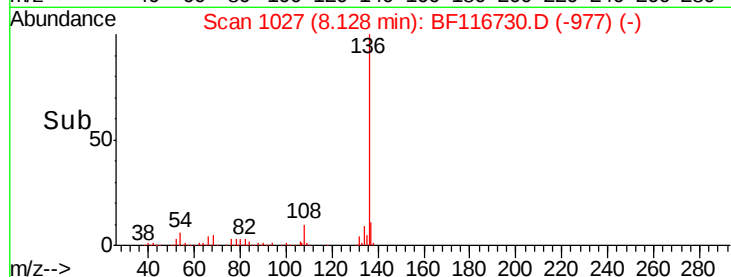
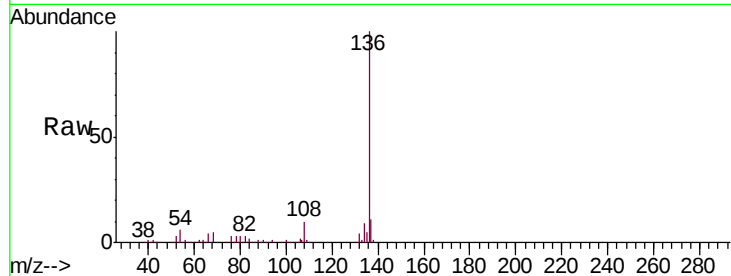




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF116730.D
Acq: 1 Sep 2019 7:16

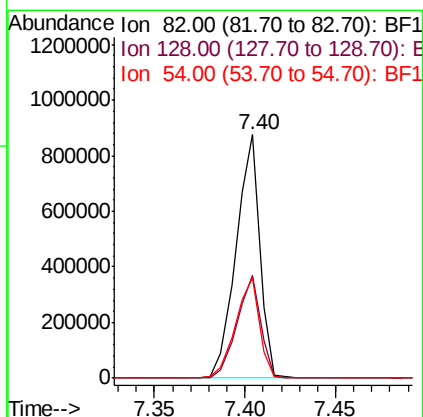
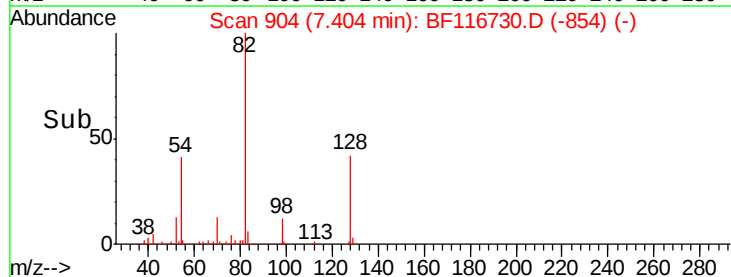
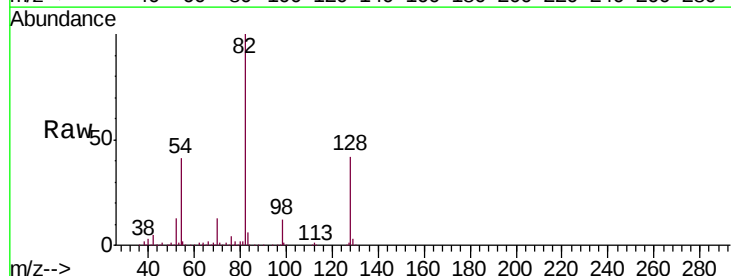
Instrument :
BNA_F
ClientSampleId :
T9-12-13-G1-G4-(0-1.9)

Tgt Ion:	136	Resp:	484877
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	5.6	4.8	7.2
68	5.5	4.0	6.0



#23
Nitrobenzene-d5
Concen: 93.885 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF116730.D
Acq: 1 Sep 2019 7:16

Tgt Ion:	82	Resp:	797422
Ion	Ratio	Lower	Upper
82	100		
128	42.3	32.8	49.2
54	41.1	36.9	55.3

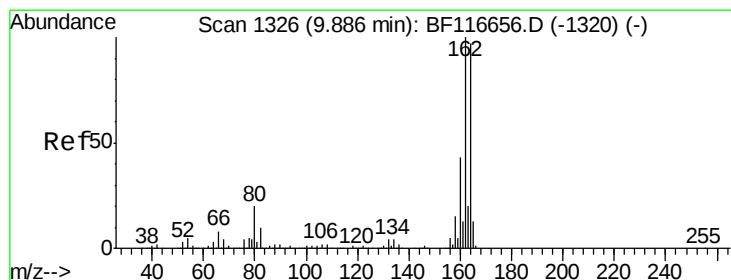
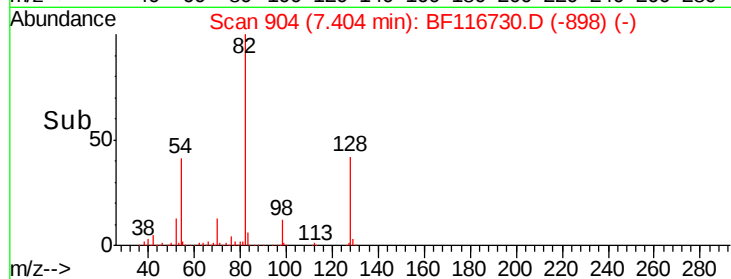
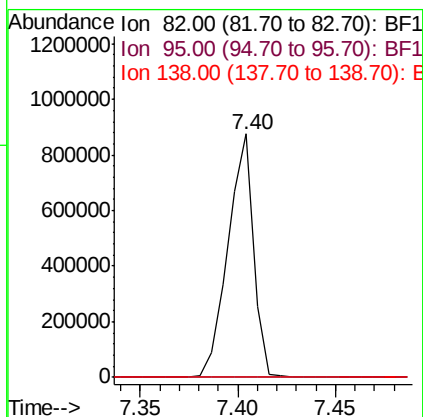
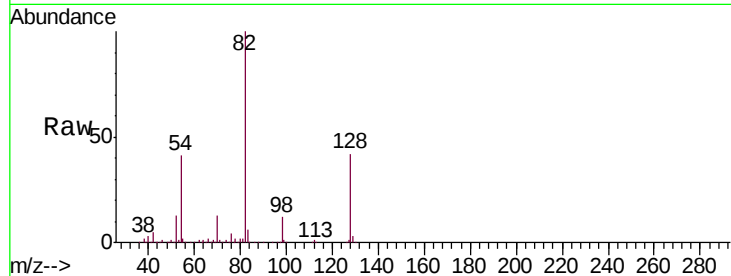




#25
Isophorone
Concen: 46.331 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.26 min
Lab File: BF116730.D
Acq: 1 Sep 2019 7:16

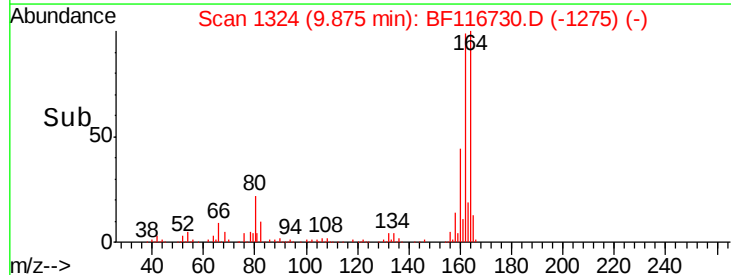
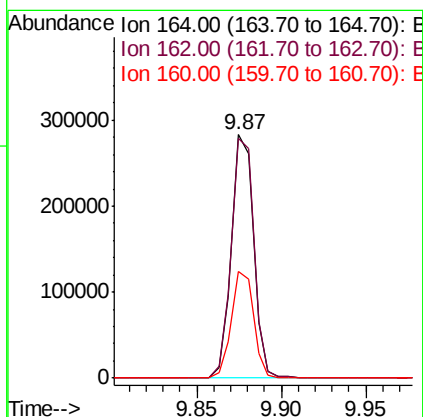
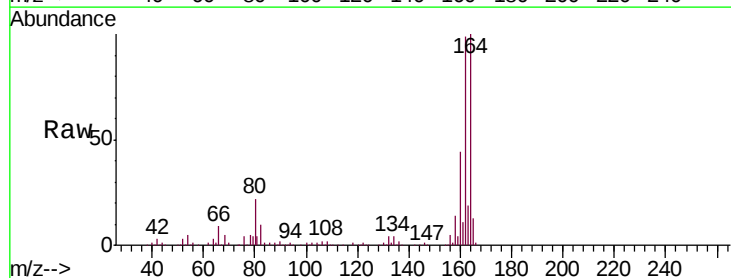
Instrument :
BNA_F
ClientSampleId :
T9-12-13-G1-G4-(0-1.9)

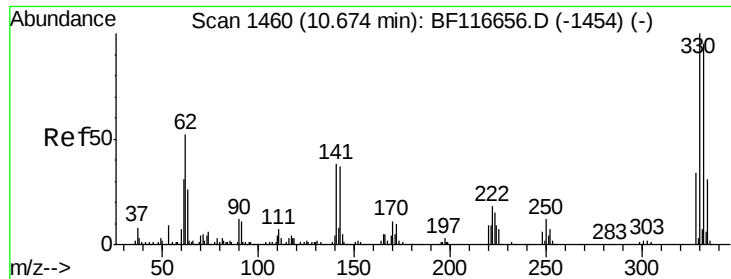
Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	13.5	20.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF116730.D
Acq: 1 Sep 2019 7:16

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.7	81.4	122.0
160	43.6	35.4	53.2





#42

2,4,6-Tribromophenol

Concen: 155.000 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BF116730.D

Acq: 1 Sep 2019 7:16

Instrument :

BNA_F

ClientSampleId :

T9-12-13-G1-G4-(0-1.9)

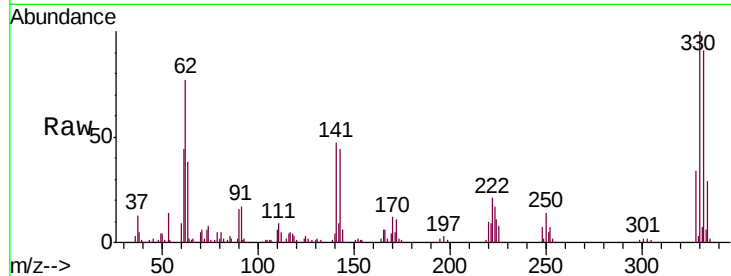
Tgt Ion:330 Resp: 266902

Ion Ratio Lower Upper

330 100

332 95.1 76.9 115.3

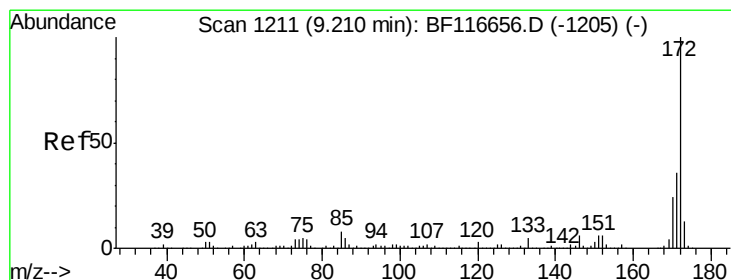
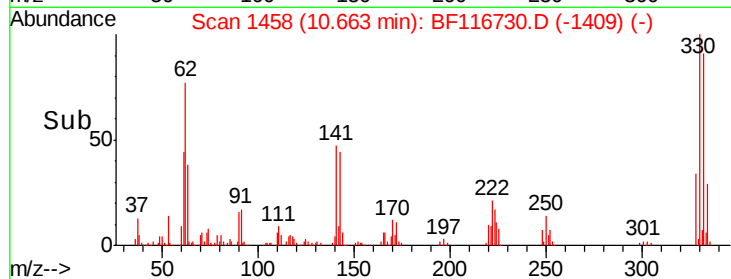
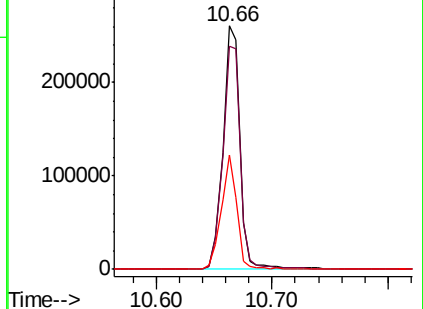
141 43.3 31.4 47.2



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: 92.241 ng

RT: 9.20 min Scan# 1210

Delta R.T. -0.00 min

Lab File: BF116730.D

Acq: 1 Sep 2019 7:16

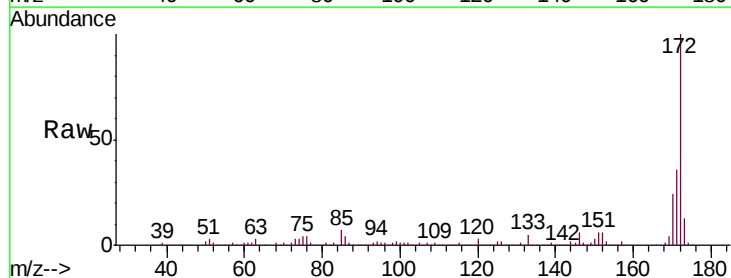
Tgt Ion:172 Resp: 1408451

Ion Ratio Lower Upper

172 100

171 36.3 27.8 41.6

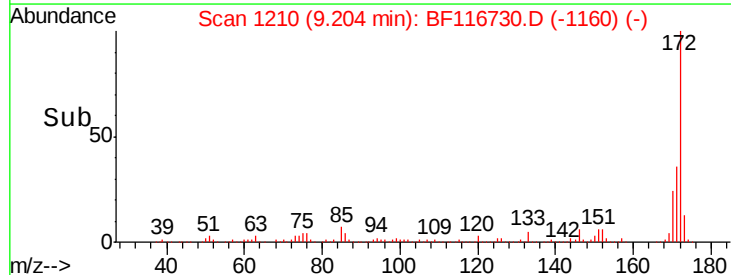
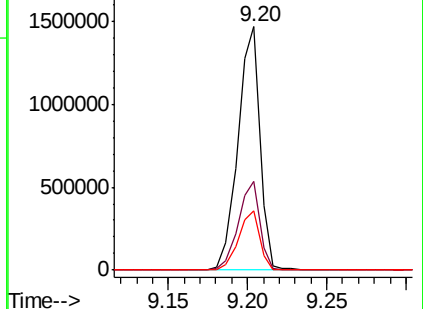
170 24.2 18.9 28.3

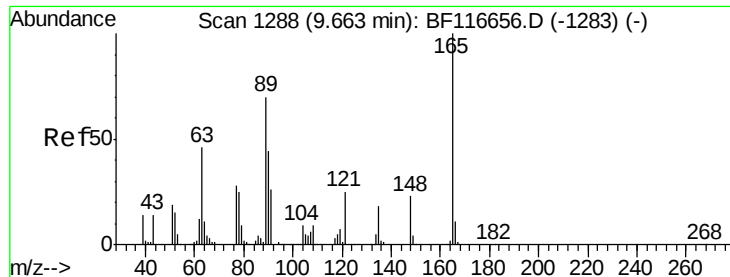


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

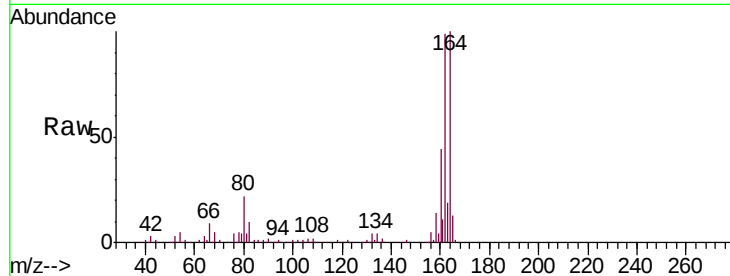




#51
 2,6-Dinitrotoluene
 Concen: 9.553 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. 0.21 min
 Lab File: BF116730.D
 Acq: 1 Sep 2019 7:16

Instrument :
 BNA_F
 ClientSampleId :
 T9-12-13-G1-G4-(0-1.9)

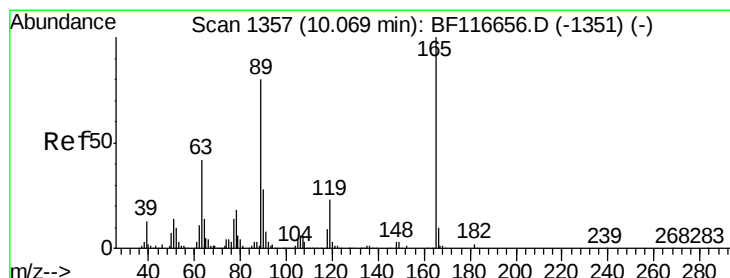
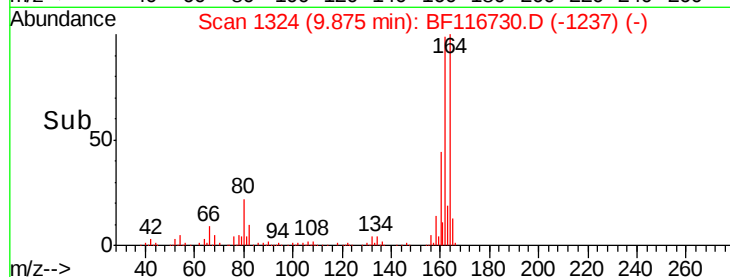
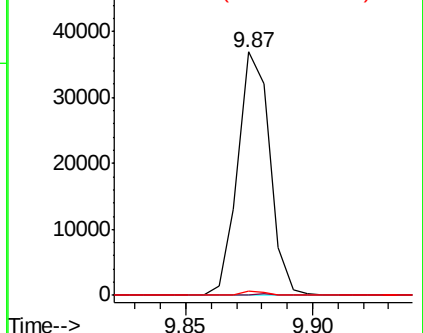
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	47.3	70.9#
89	1.6	52.5	78.7#



Abundance Ion 165.00 (164.70 to 165.70): E

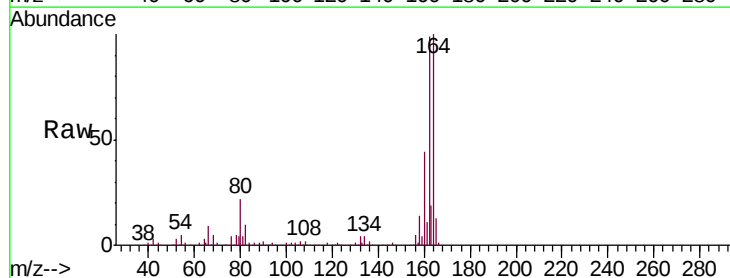
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#57
 2,4-Dinitrotoluene
 Concen: 7.813 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.19 min
 Lab File: BF116730.D
 Acq: 1 Sep 2019 7:16

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

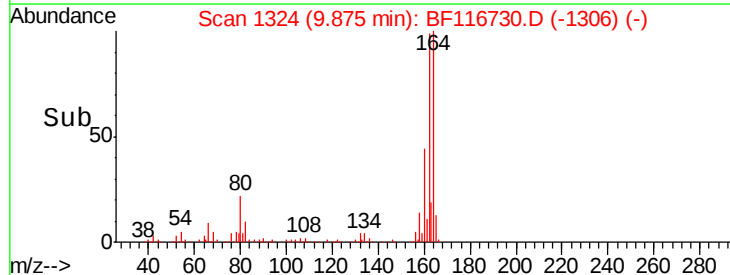
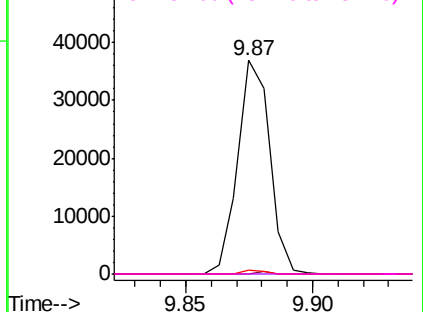


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

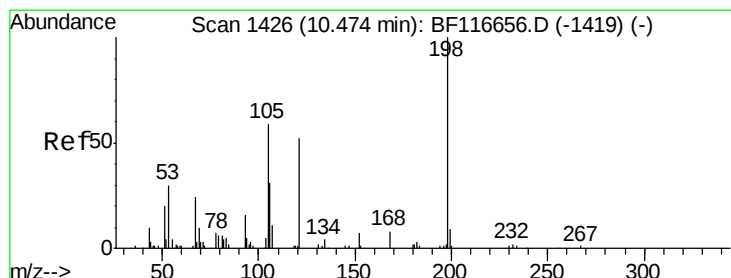
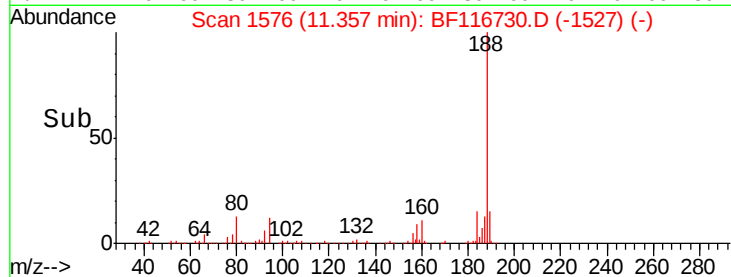
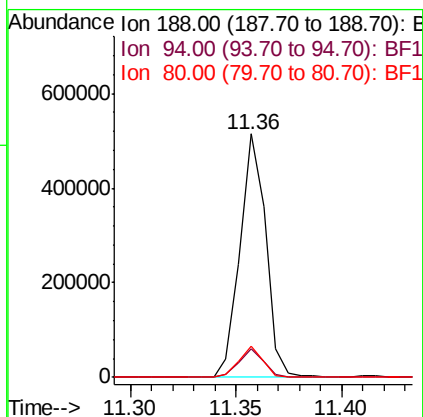
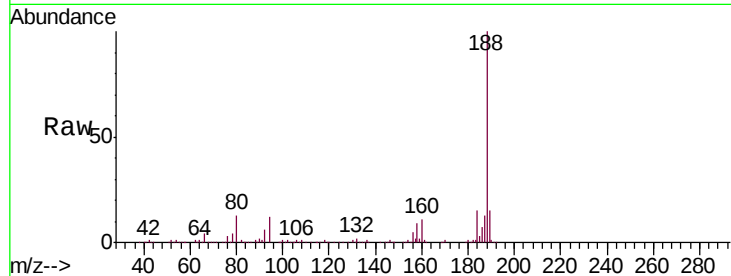




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF116730.D
Acq: 1 Sep 2019 7:16

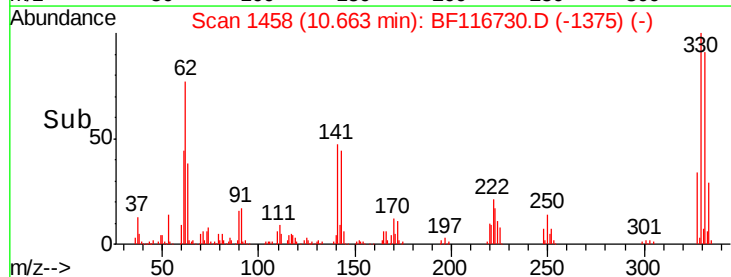
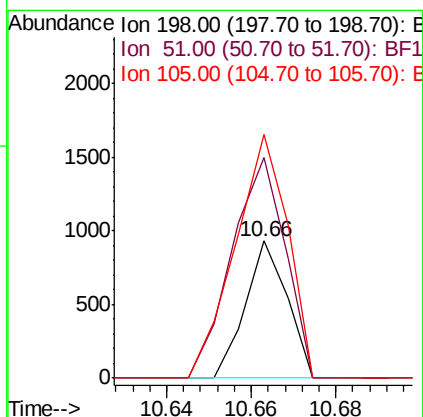
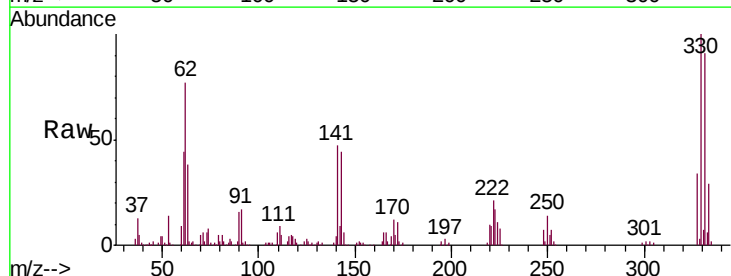
Instrument :
BNA_F
ClientSampleId :
T9-12-13-G1-G4-(0-1.9)

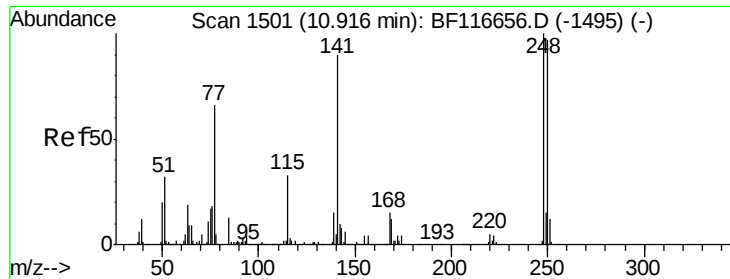
Tgt Ion:188 Resp: 435692
Ion Ratio Lower Upper
188 100
94 11.5 7.3 10.9#
80 12.6 8.4 12.6



#65
4,6-Dinitro-2-methylphenol
Concen: 7.786 ng
RT: 10.66 min Scan# 1458
Delta R.T. 0.19 min
Lab File: BF116730.D
Acq: 1 Sep 2019 7:16

Tgt Ion:198 Resp: 636
Ion Ratio Lower Upper
198 100
51 161.3 18.4 58.4#
105 178.0 22.9 62.9#

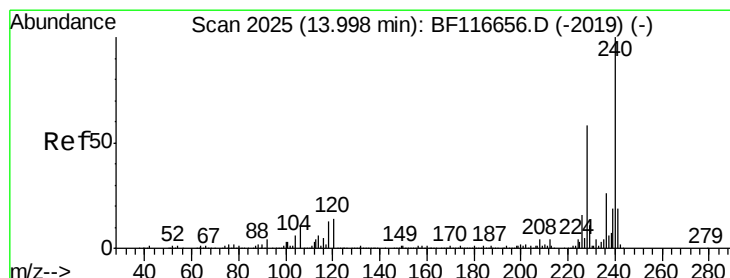
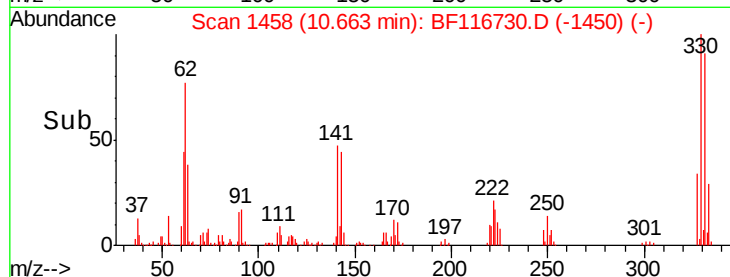
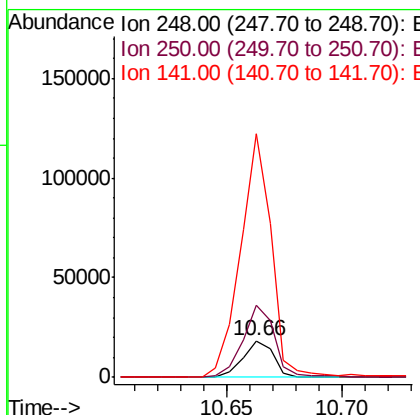
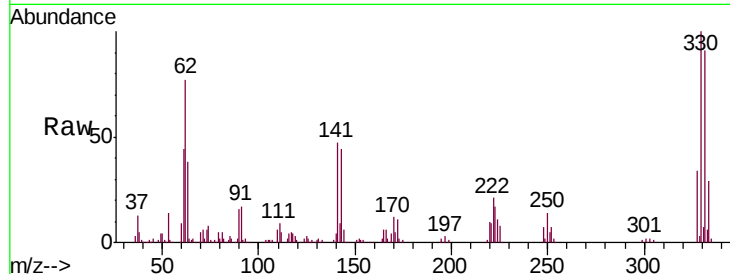




#67
 4-Bromophenyl-phenylether
 Concen: 3.864 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.25 min
 Lab File: BF116730.D
 Acq: 1 Sep 2019 7:16

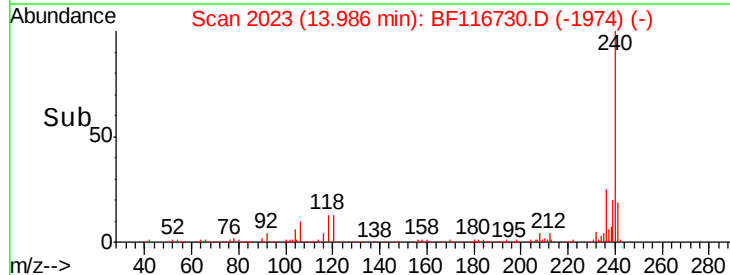
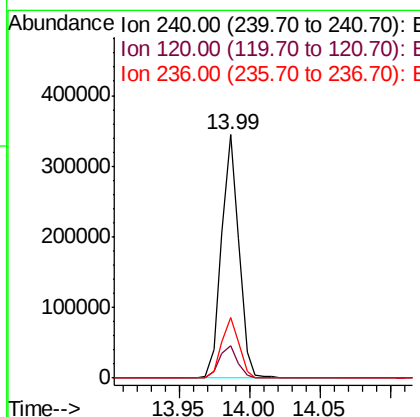
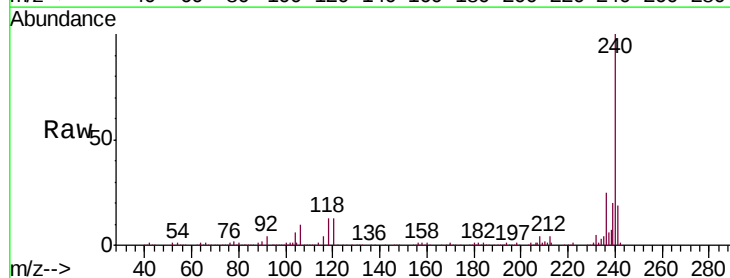
Instrument :
 BNA_F
 ClientSampleId :
 T9-12-13-G1-G4-(0-1.9)

Tgt Ion: 248 Resp: 17103
 Ion Ratio Lower Upper
 248 100
 250 198.2 77.8 116.8#
 141 668.4 75.9 113.9#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BF116730.D
 Acq: 1 Sep 2019 7:16

Tgt Ion: 240 Resp: 297186
 Ion Ratio Lower Upper
 240 100
 120 13.3 9.1 13.7
 236 24.9 21.1 31.7





#79

Terphenyl-d14

Concen: 90.548 ng

RT: 12.95 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF116730.D

Acq: 1 Sep 2019 7:16

Instrument :

BNA_F

ClientSampleId :

T9-12-13-G1-G4-(0-1.9)

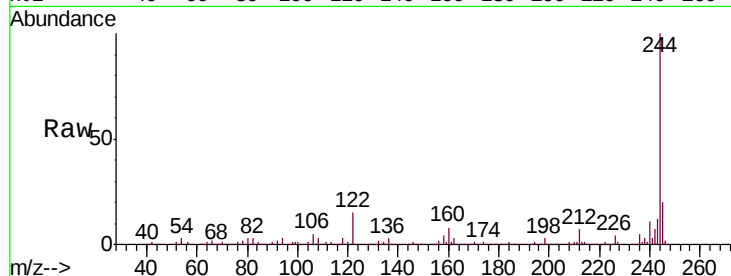
Tgt Ion:244 Resp: 1454615

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

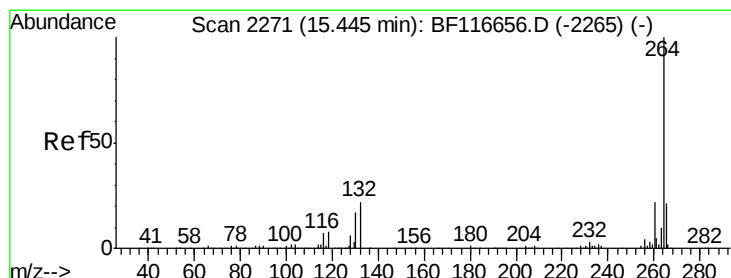
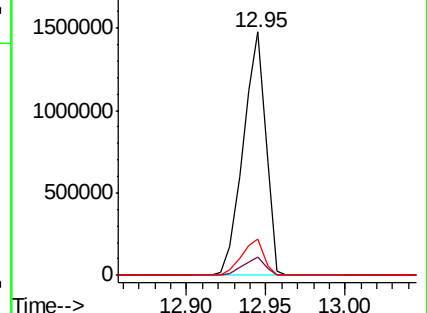
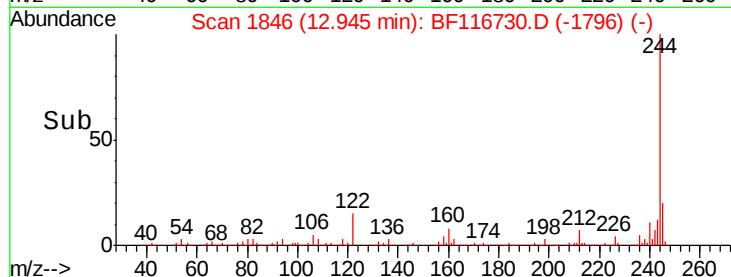
122 14.8 10.2 15.4



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: BF116730.D

Acq: 1 Sep 2019 7:16

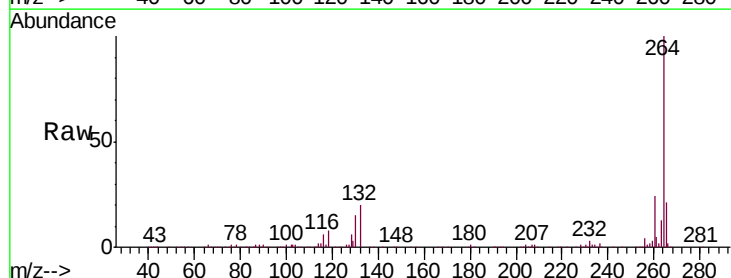
Tgt Ion:264 Resp: 302471

Ion Ratio Lower Upper

264 100

260 23.8 18.3 27.5

265 20.8 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

