

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF053119\
 Data File : BF114735.D
 Acq On : 1 Jun 2019 4:06
 Operator : HP/JU
 Sample : K3090-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4-S

Quant Time: Jun 01 06:36:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 19:08:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	456687	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	1647273	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	745601	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	1218533	20.00	ng	0.00
76) Chrysene-d12	13.81	240	819975	20.00	ng	0.00
87) Perylene-d12	15.20	264	746847	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.33	112	2685314	103.24	ng	0.04
7) Phenol-d6	6.34	99	2879649	91.87	ng	0.01
23) Nitrobenzene-d5	7.26	82	2238049	84.76	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	833501	117.32	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	3684682	94.65	ng	0.00
79) Terphenyl-d14	12.78	244	3132641	71.83	ng	0.00

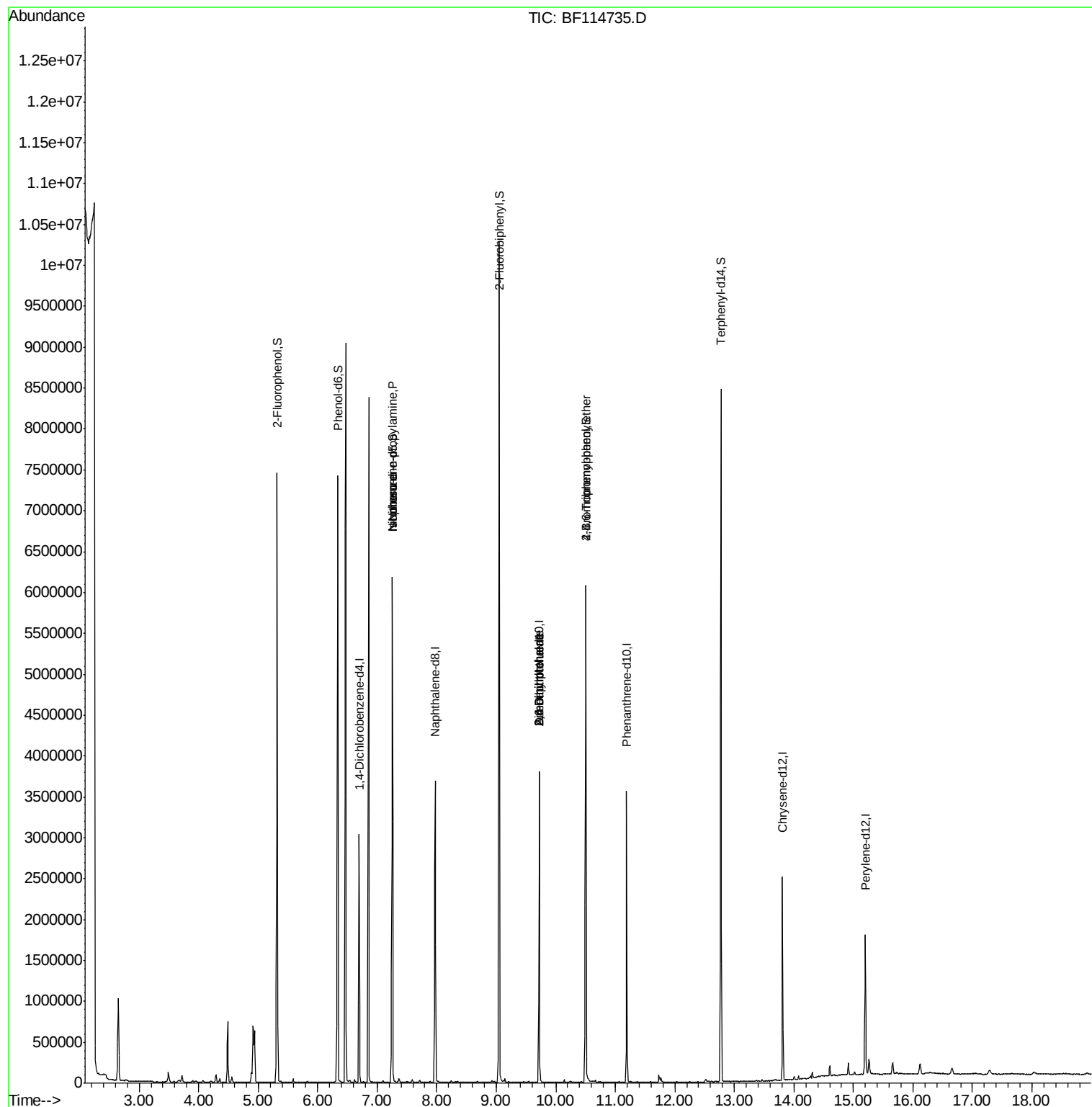
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.34	77	4571	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.26	70	308366	14.253	ng	75
25) Isophorone	7.26	82	2186516	41.264	ng	63
50) Dimethylphthalate	9.72	163	211765	4.076	ng	1
51) 2,6-Dinitrotoluene	9.72	165	97872	8.107	ng	31
57) 2,4-Dinitrotoluene	9.72	165	97872	6.317	ng	23
58) Fluorene	10.26	166	2663	Below Cal	#	93
67) 4-Bromophenyl-phenylether	10.50	248	52750	4.037	ng	1
74) Di-n-butylphthalate	11.76	149	21443	Below Cal	#	97

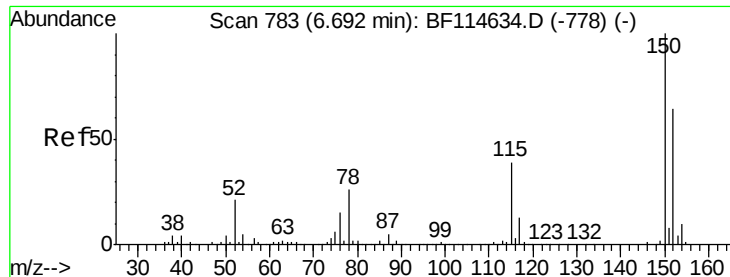
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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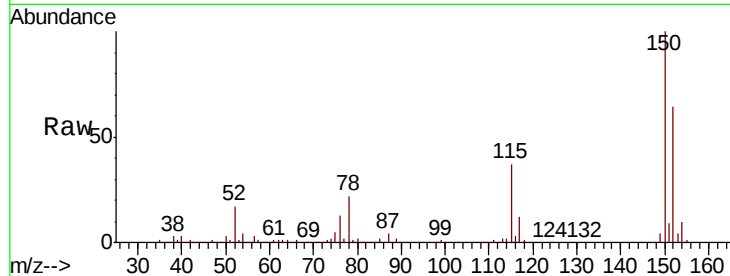


#1

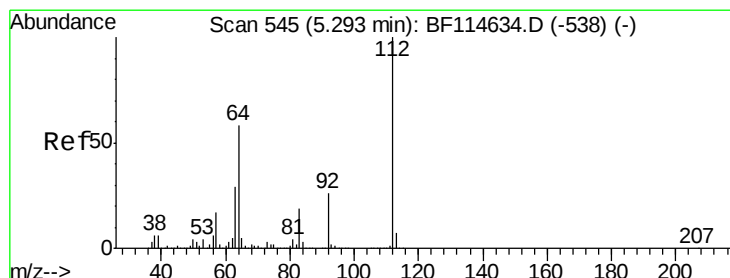
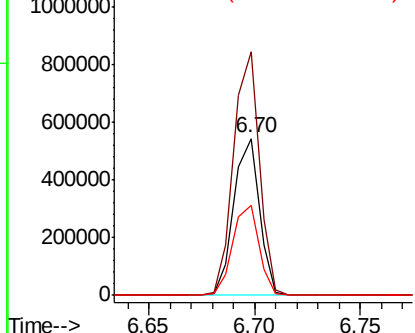
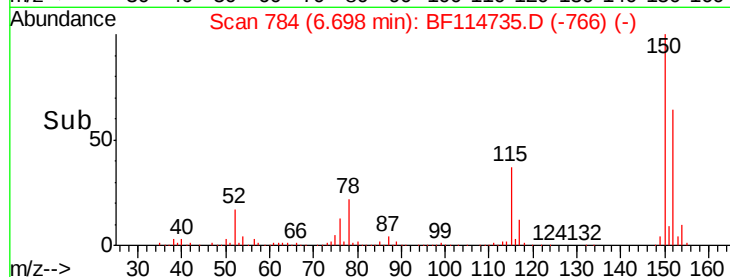
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. 0.01 min
Lab File: BF114735.D
Acq: 1 Jun 2019 4:06

Instrument :
BNA_F
ClientSampleId :
TP-4-S

Tgt Ion:152 Resp: 456687
Ion Ratio Lower Upper
152 100
150 155.1 124.4 186.6
115 57.8 48.7 73.1



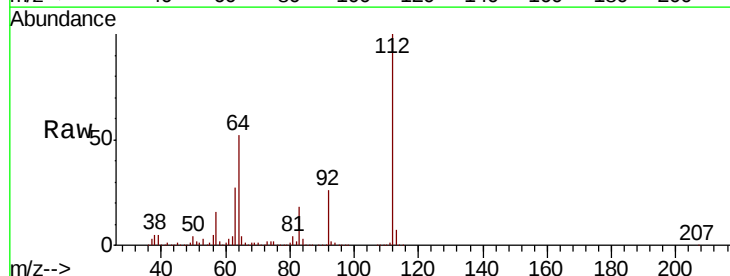
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



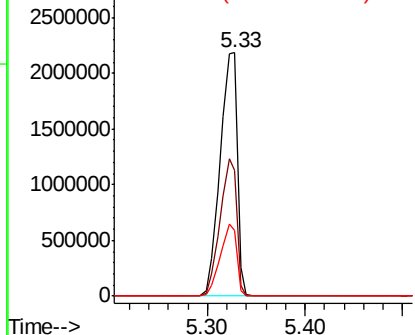
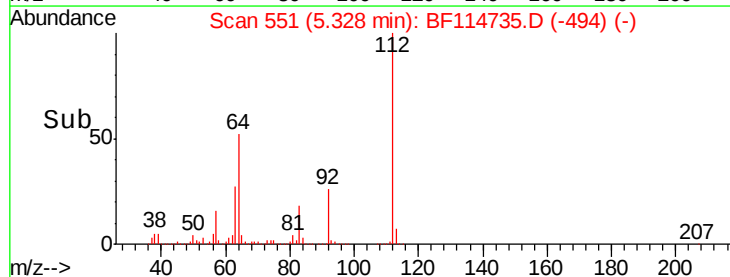
#5

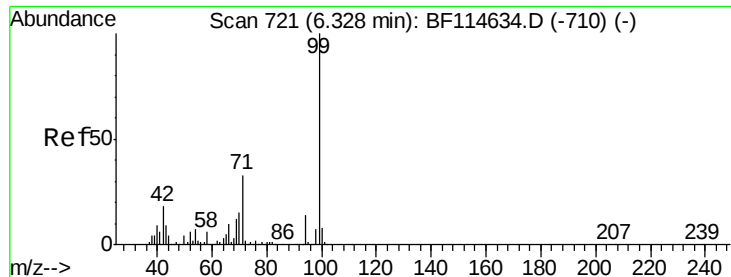
2-Fluorophenol
Concen: 103.235 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.04 min
Lab File: BF114735.D
Acq: 1 Jun 2019 4:06

Tgt Ion:112 Resp: 2685314
Ion Ratio Lower Upper
112 100
64 51.9 46.1 69.1
63 27.2 23.4 35.2



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: 91.870 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.01 min

Lab File: BF114735.D

Acq: 1 Jun 2019 4:06

Instrument :

BNA_F

ClientSampleId :

TP-4-S

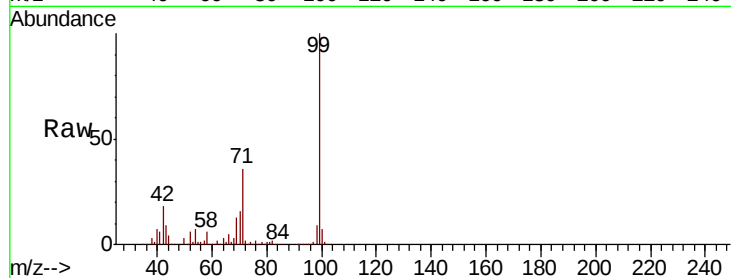
Tgt Ion: 99 Resp: 2879649

Ion Ratio Lower Upper

99 100

42 17.6 14.7 22.1

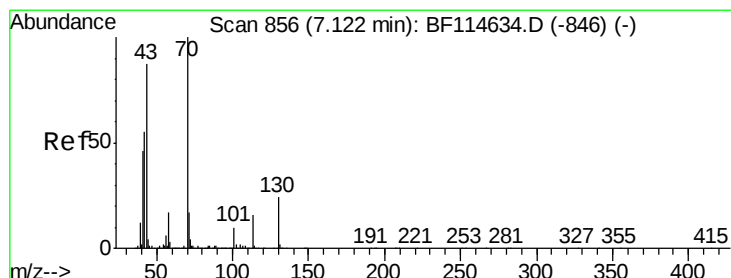
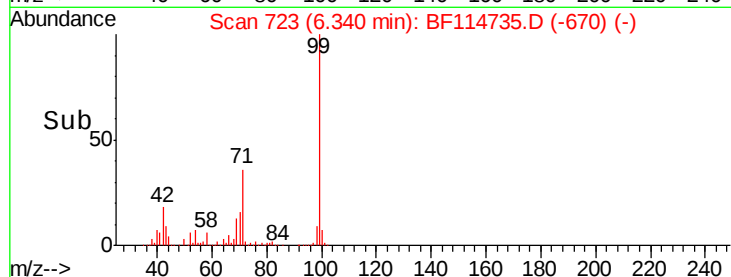
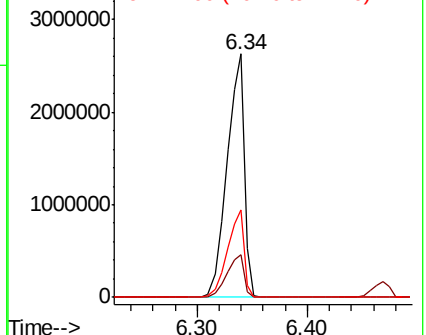
71 35.7 26.6 40.0



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: 14.253 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.14 min

Lab File: BF114735.D

Acq: 1 Jun 2019 4:06

Tgt Ion: 70 Resp: 308366

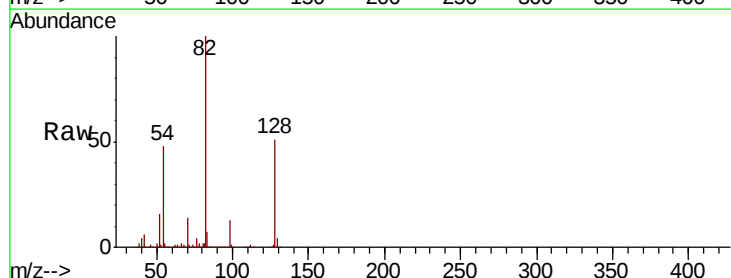
Ion Ratio Lower Upper

70 100

42 44.1 44.4 66.6#

101 0.0 8.2 12.4#

130 2.5 19.4 29.0#

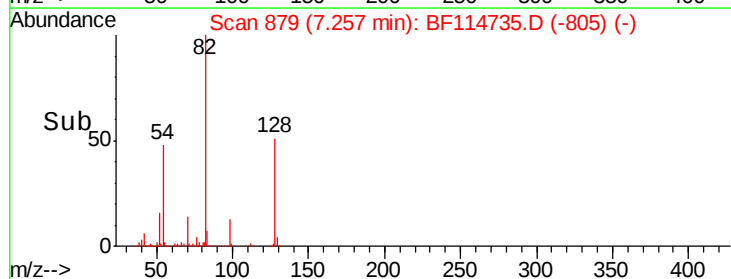
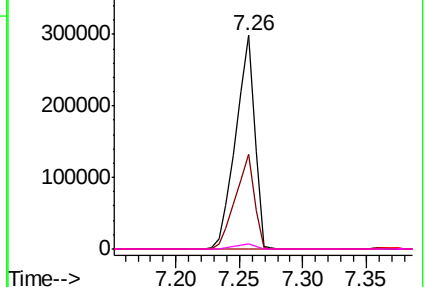


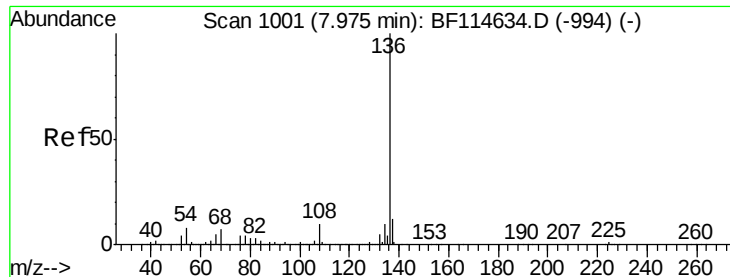
Abundance Ion 70.00 (69.70 to 70.70): BF1

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



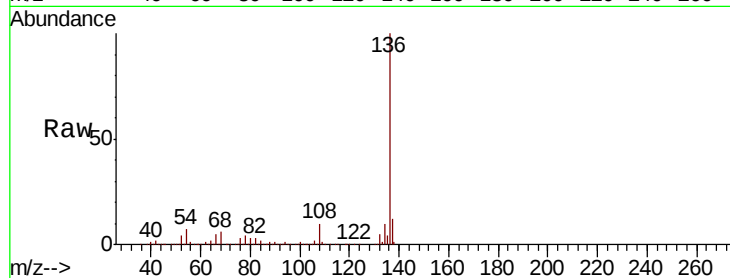


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BF114735.D
Acq: 1 Jun 2019 4:06

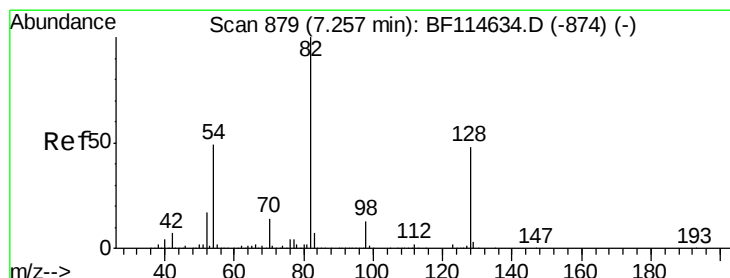
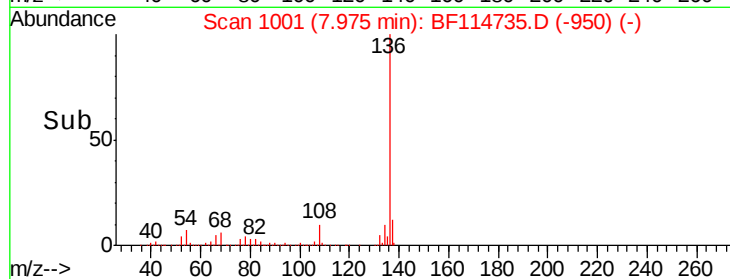
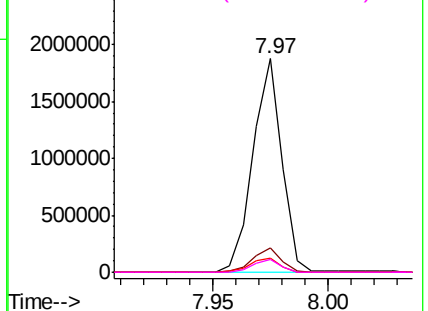
Instrument :
BNA_F
ClientSampleId :
TP-4-S

Tgt Ion:136 Resp: 1647273

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.3	13.9
54	6.6	6.3	9.5
68	5.8	5.4	8.0



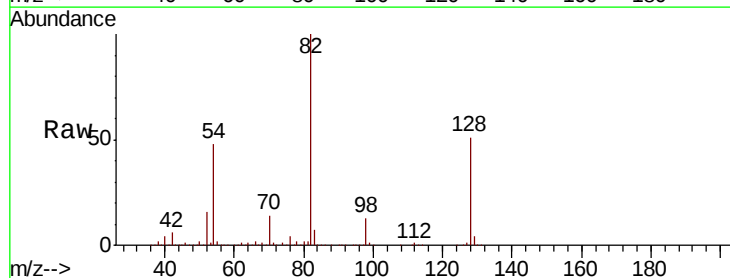
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1



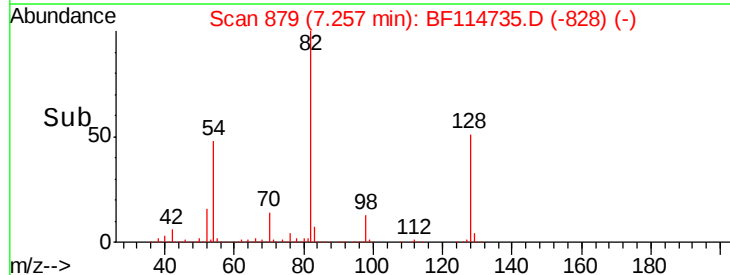
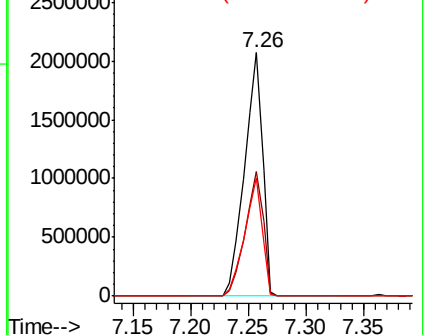
#23
Nitrobenzene-d5
Concen: 84.764 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: BF114735.D
Acq: 1 Jun 2019 4:06

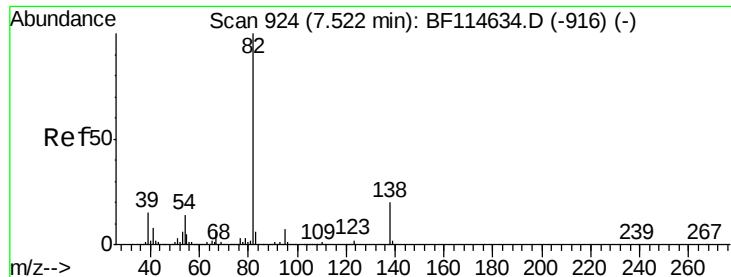
Tgt Ion: 82 Resp: 2238049

Ion	Ratio	Lower	Upper
82	100		
128	51.3	38.5	57.7
54	48.5	39.1	58.7



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

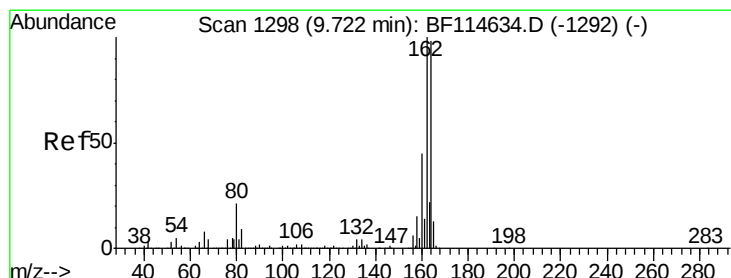
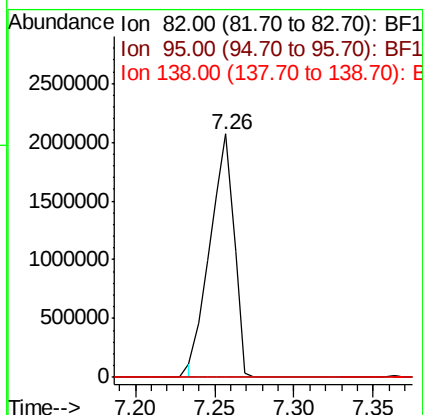
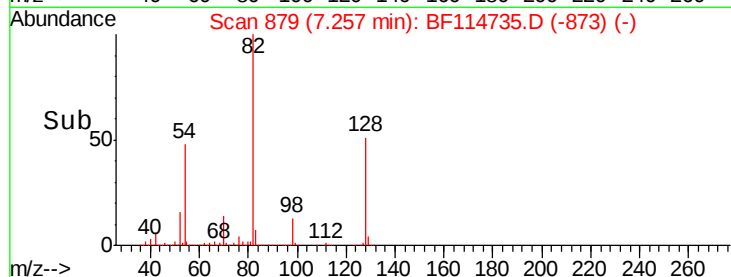
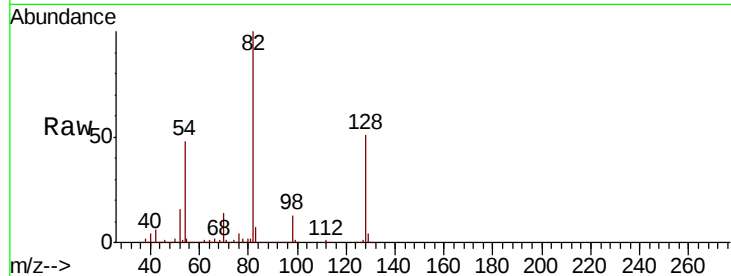




#25
Isophorone
Concen: 41.264 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.26 min
Lab File: BF114735.D
Acq: 1 Jun 2019 4:06

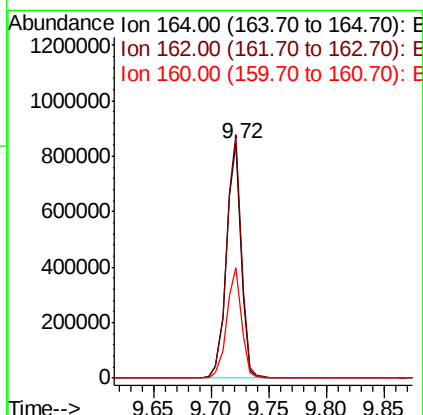
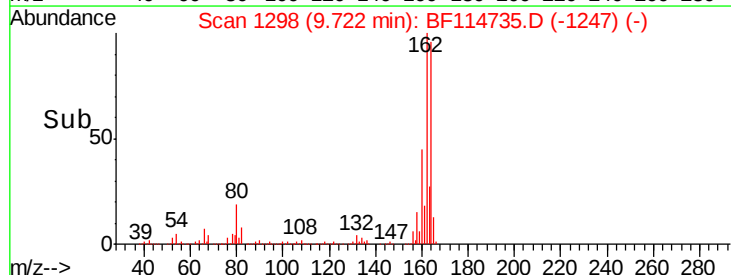
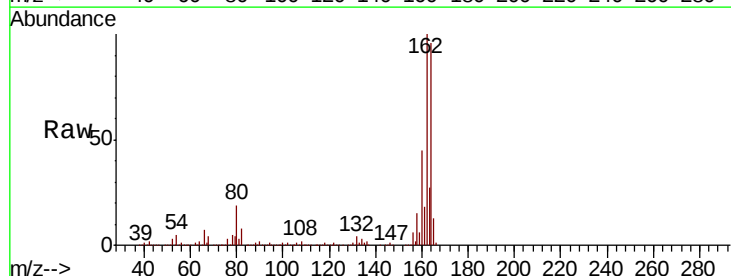
Instrument :
BNA_F
ClientSampleId :
TP-4-S

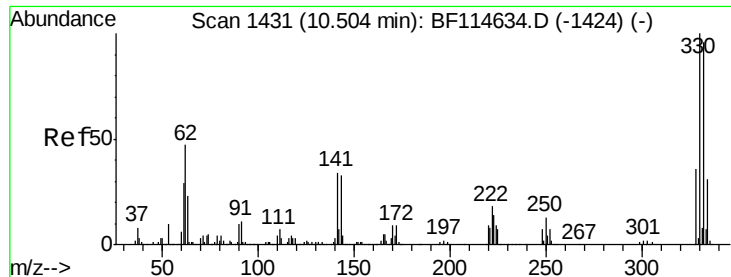
Tgt Ion: 82 Resp: 2186516
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 15.9 23.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BF114735.D
Acq: 1 Jun 2019 4:06

Tgt Ion: 164 Resp: 745601
Ion Ratio Lower Upper
164 100
162 103.9 81.4 122.2
160 47.1 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 117.322 ng

RT: 10.50 min Scan# 1431

Delta R.T. 0.00 min

Lab File: BF114735.D

Acq: 1 Jun 2019 4:06

Instrument :

BNA_F

ClientSampleId :

TP-4-S

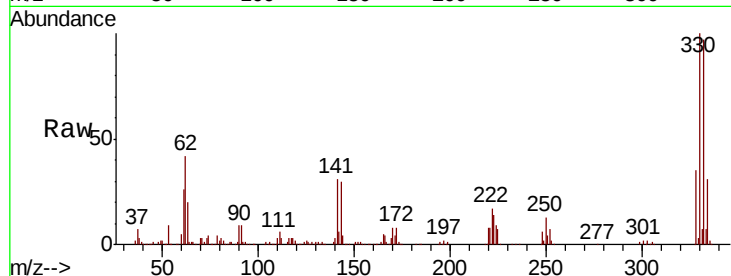
Tgt Ion:330 Resp: 833501

Ion Ratio Lower Upper

330 100

332 96.2 75.8 113.8

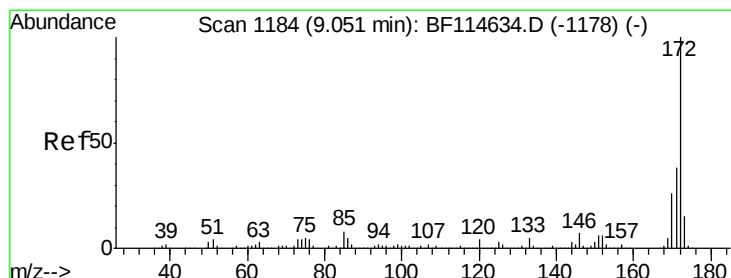
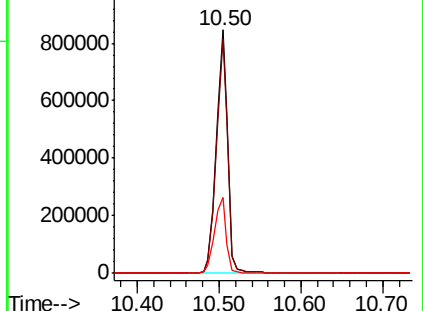
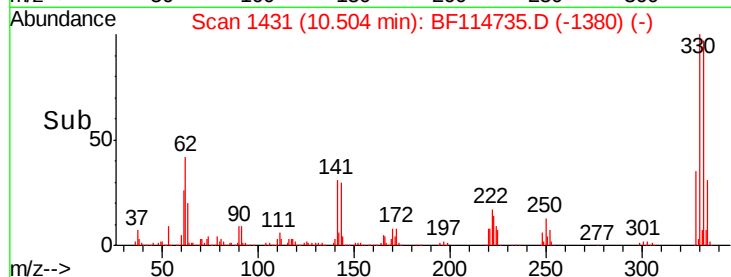
141 32.1 27.8 41.8



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: 94.649 ng

RT: 9.05 min Scan# 1184

Delta R.T. 0.00 min

Lab File: BF114735.D

Acq: 1 Jun 2019 4:06

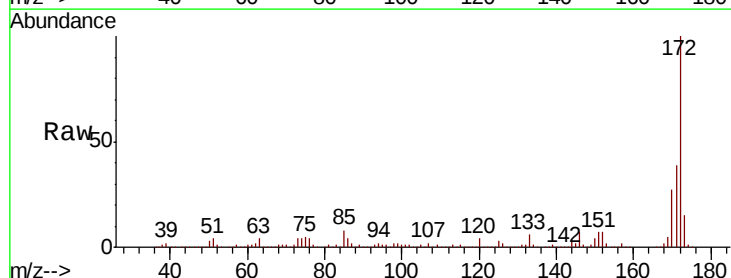
Tgt Ion:172 Resp: 3684682

Ion Ratio Lower Upper

172 100

171 39.3 30.6 45.8

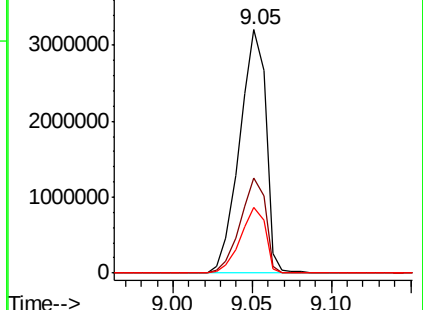
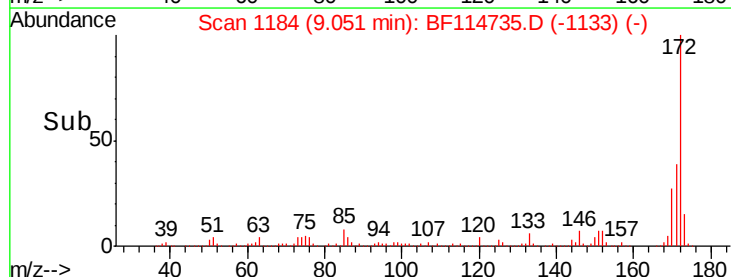
170 27.0 20.7 31.1

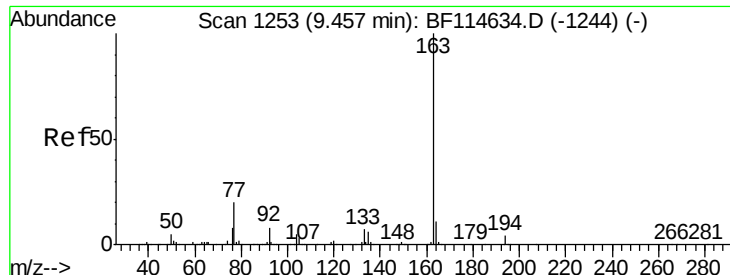


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 4.076 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.26 min

Lab File: BF114735.D

Acq: 1 Jun 2019 4:06

Instrument :

BNA_F

ClientSampled :

TP-4-S

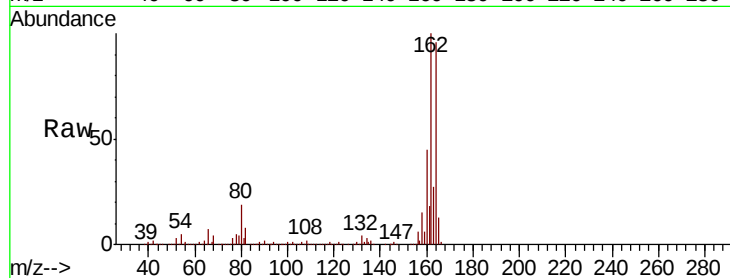
Tgt Ion:163 Resp: 211765

Ion Ratio Lower Upper

163 100

194 0.0 3.4 5.0#

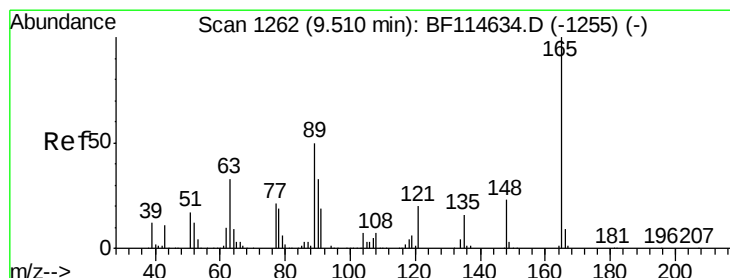
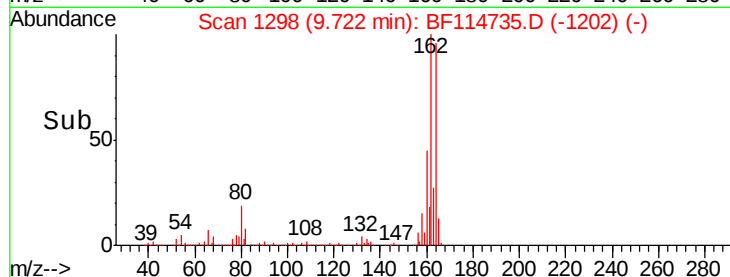
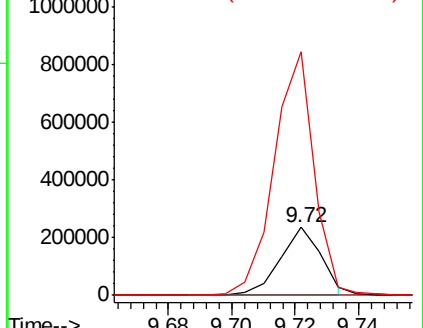
164 358.5 8.6 13.0#



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: 8.107 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.21 min

Lab File: BF114735.D

Acq: 1 Jun 2019 4:06

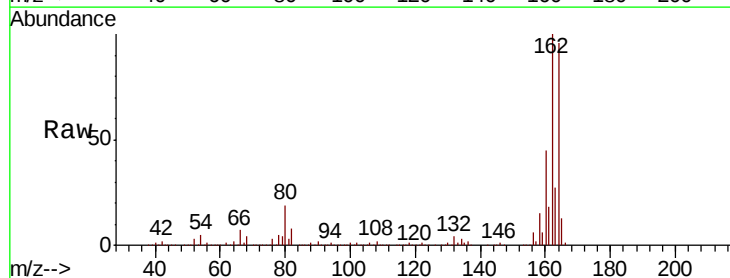
Tgt Ion:165 Resp: 97872

Ion Ratio Lower Upper

165 100

63 1.0 36.6 54.8#

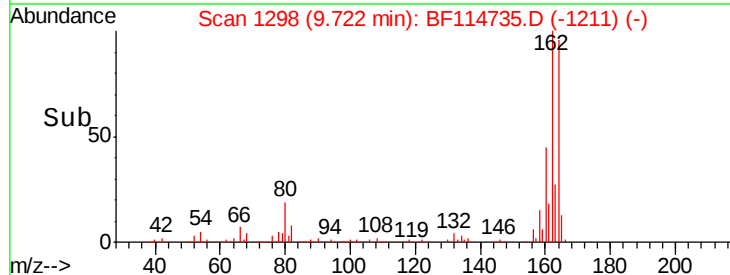
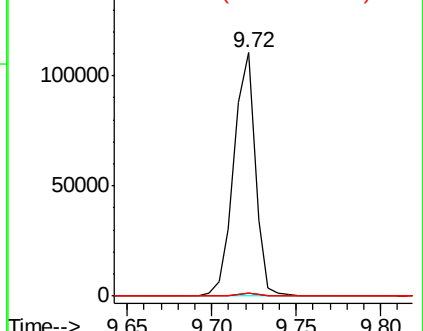
89 1.4 40.2 60.4#

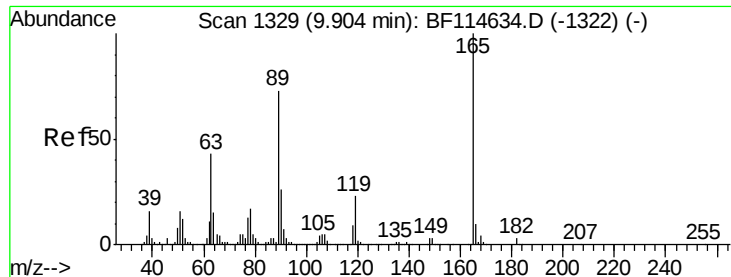


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

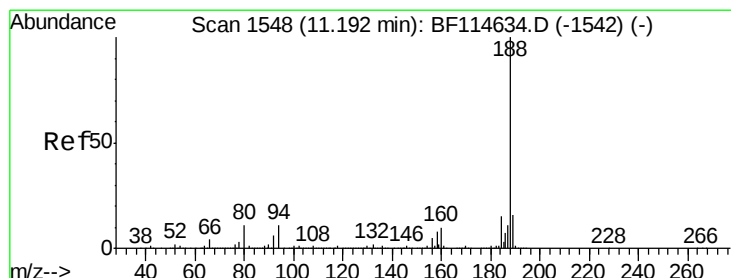
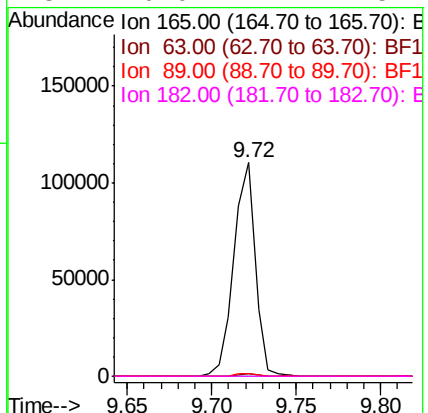
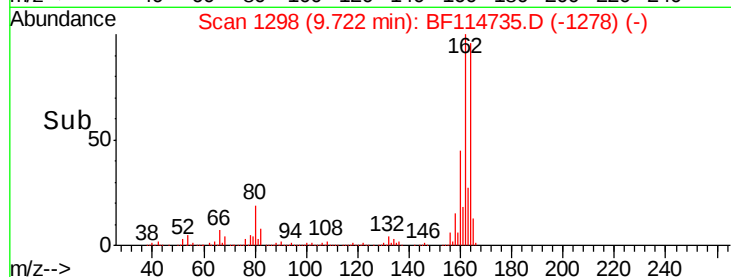
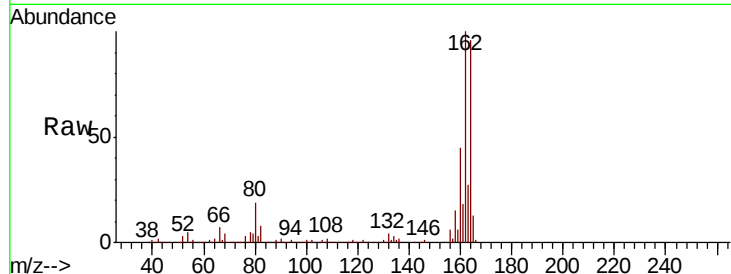




#57
2,4-Dinitrotoluene
Concen: 6.317 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.18 min
Lab File: BF114735.D
Acq: 1 Jun 2019 4:06

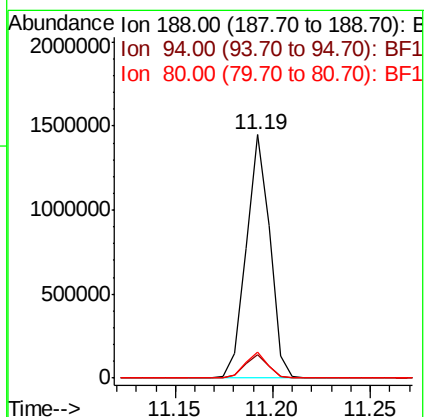
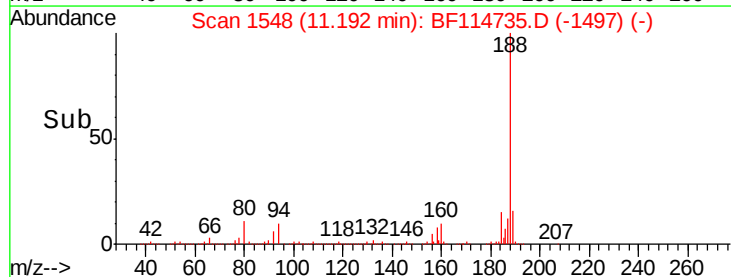
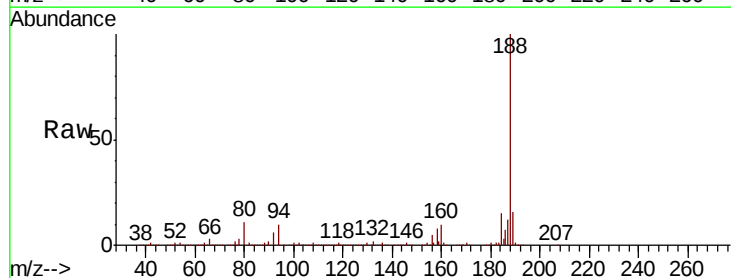
Instrument :
BNA_F
ClientSampleId :
TP-4-S

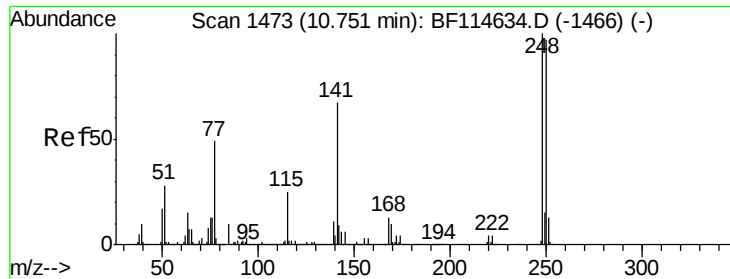
Tgt Ion:165 Resp: 97872
Ion Ratio Lower Upper
165 100
63 1.0 34.8 52.2#
89 1.4 58.5 87.7#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1548
Delta R.T. 0.00 min
Lab File: BF114735.D
Acq: 1 Jun 2019 4:06

Tgt Ion:188 Resp: 1218533
Ion Ratio Lower Upper
188 100
94 9.7 8.6 13.0
80 10.6 9.0 13.6

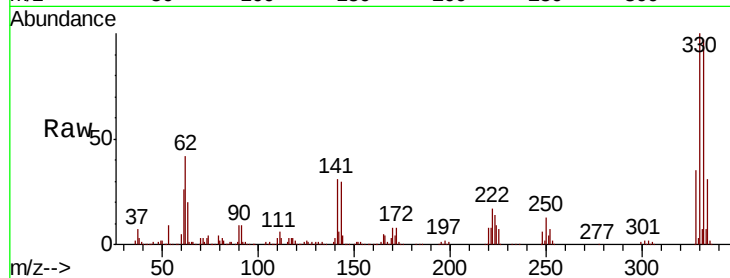




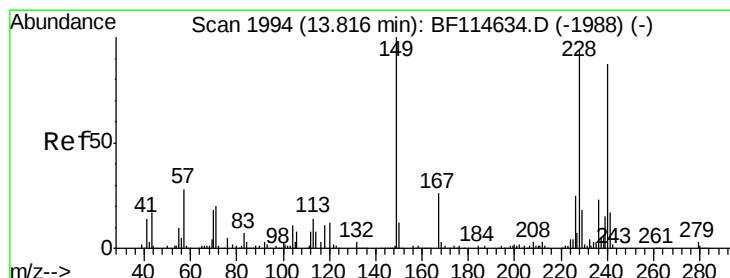
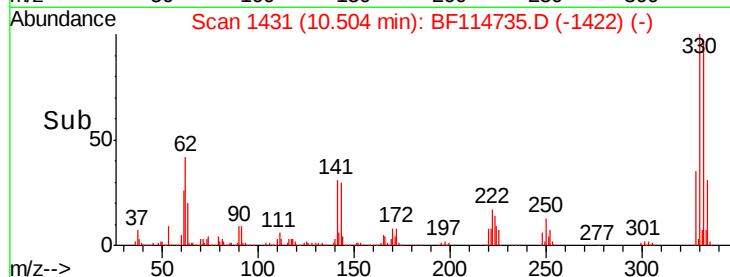
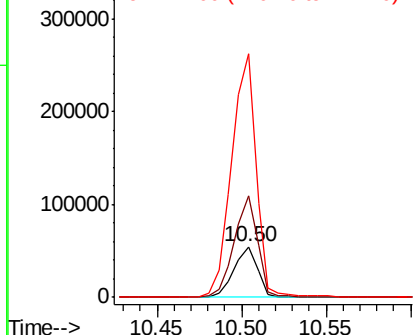
#67
4-Bromophenyl-phenylether
Concen: 4.037 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.25 min
Lab File: BF114735.D
Acq: 1 Jun 2019 4:06

Instrument :
BNA_F
ClientSampleId :
TP-4-S

Tgt Ion:248 Resp: 52750
Ion Ratio Lower Upper
248 100
250 199.4 78.0 117.0#
141 480.5 53.8 80.8#

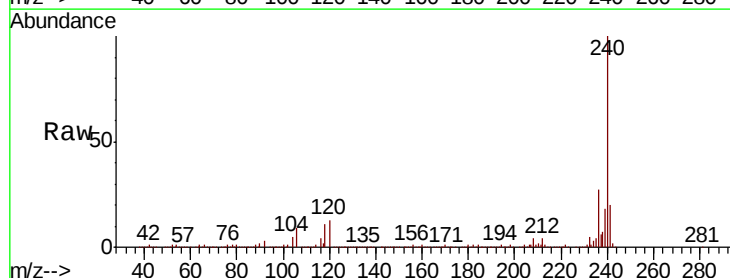


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

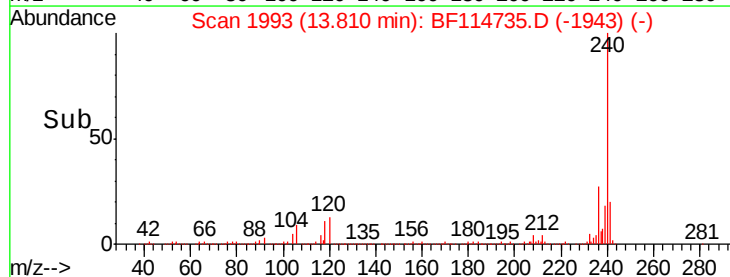
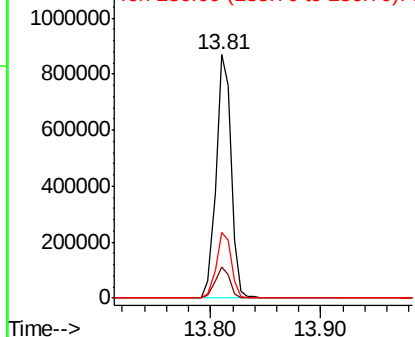


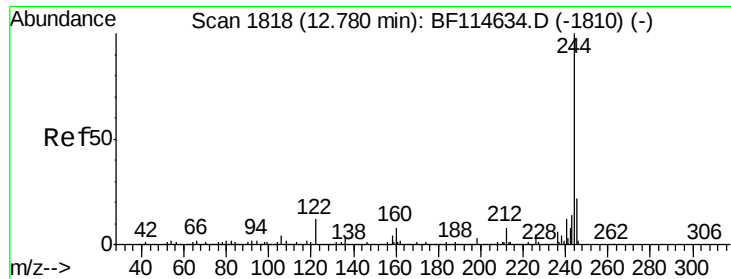
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.81 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BF114735.D
Acq: 1 Jun 2019 4:06

Tgt Ion:240 Resp: 819975
Ion Ratio Lower Upper
240 100
120 13.0 11.2 16.8
236 26.8 21.2 31.8



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: 71.829 ng

RT: 12.78 min Scan# 1818

Delta R.T. 0.00 min

Lab File: BF114735.D

Acq: 1 Jun 2019 4:06

Instrument :

BNA_F

ClientSampleId :

TP-4-S

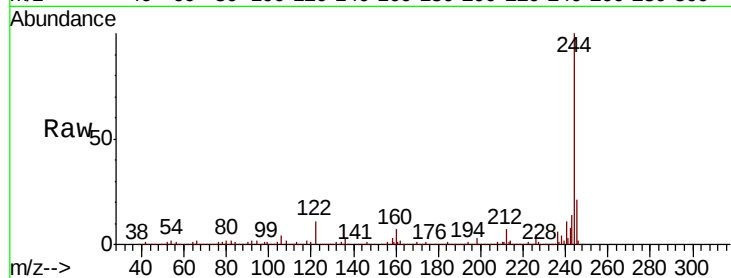
Tgt Ion:244 Resp: 3132641

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

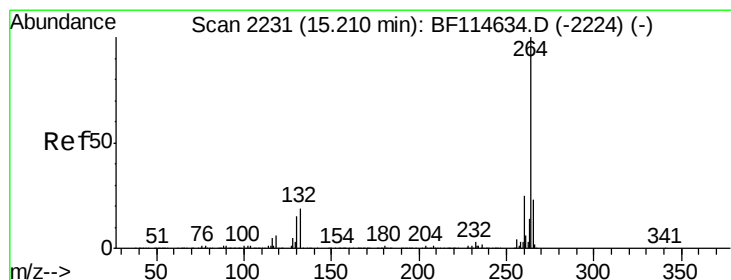
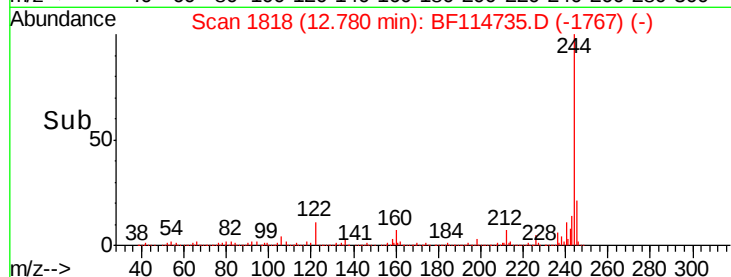
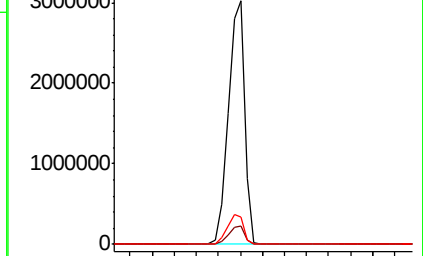
122 11.5 9.8 14.8



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: 15.20 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BF114735.D

Acq: 1 Jun 2019 4:06

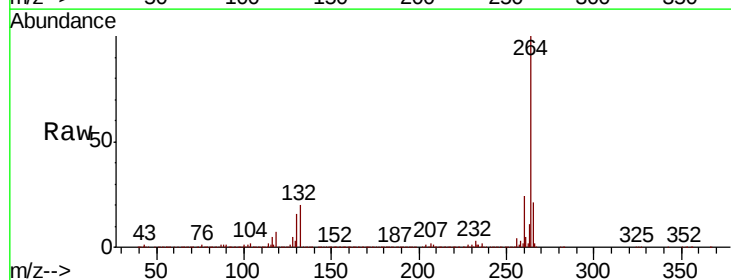
Tgt Ion:264 Resp: 746847

Ion Ratio Lower Upper

264 100

260 24.3 19.7 29.5

265 21.4 18.1 27.1



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

