

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072319\
 Data File : BF115734.D
 Acq On : 23 Jul 2019 22:09
 Operator : HP/JU
 Sample : K3943-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PA-71619

Quant Time: Jul 24 04:59:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

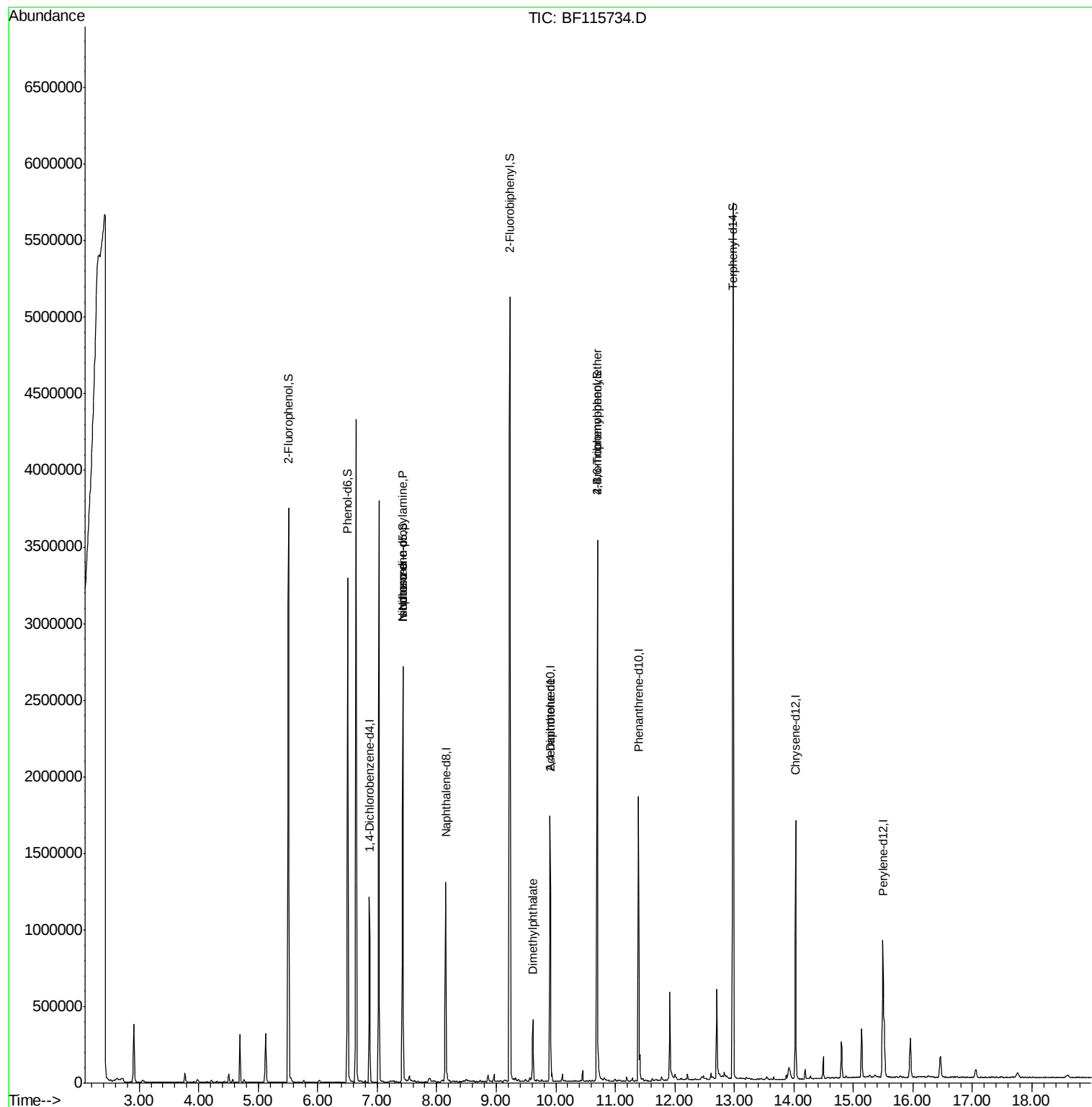
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	166774	20.00	ng	-0.02
21) Naphthalene-d8	8.15	136	645571	20.00	ng	-0.02
39) Acenaphthene-d10	9.90	164	361682	20.00	ng	-0.02
64) Phenanthrene-d10	11.39	188	665408	20.00	ng	-0.02
76) Chrysene-d12	14.03	240	509889	20.00	ng	-0.02
87) Perylene-d12	15.50	264	454376	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1133362	111.16	ng	0.00
7) Phenol-d6	6.50	99	1338246	103.44	ng	-0.01
23) Nitrobenzene-d5	7.43	82	1079234	97.21	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	552611	130.90	ng	-0.02
45) 2-Fluorobiphenyl	9.23	172	1955778	94.65	ng	-0.02
79) Terphenyl-d14	12.98	244	2439143	88.27	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.43	70	146734	17.391	ng	# 78
25) Isophorone	7.43	82	1066700	48.015	ng	# 64
50) Dimethylphthalate	9.62	163	169353	6.223	ng	97
57) 2,4-Dinitrotoluene	9.90	165	47005	5.867	ng	# 24
67) 4-Bromophenyl-phenylether	10.70	248	32977	4.337	ng	# 1

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

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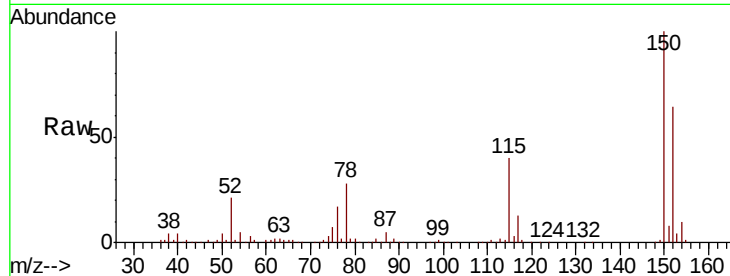


#1

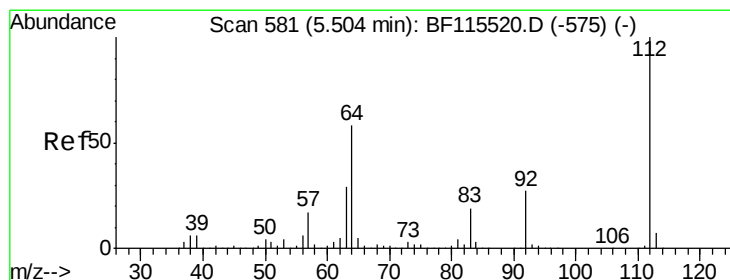
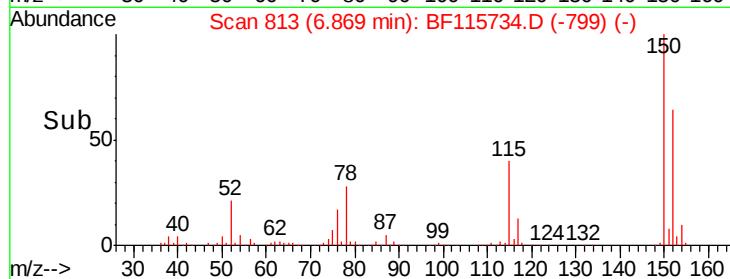
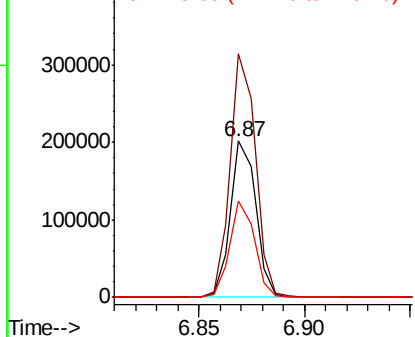
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.02 min
Lab File: BF115734.D
Acq: 23 Jul 2019 22:09

Instrument :
BNA_F
ClientSampleId :
PA-71619

Tgt Ion:152 Resp: 166774
Ion Ratio Lower Upper
152 100
150 156.1 129.7 194.5
115 62.0 48.2 72.4



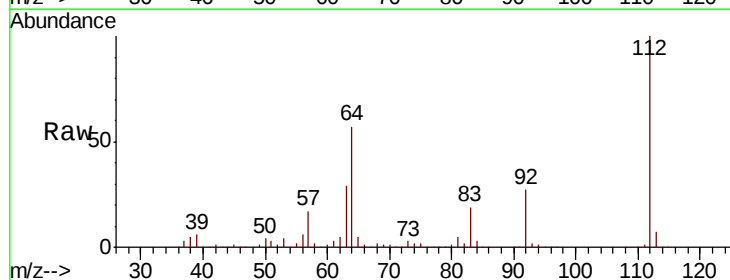
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



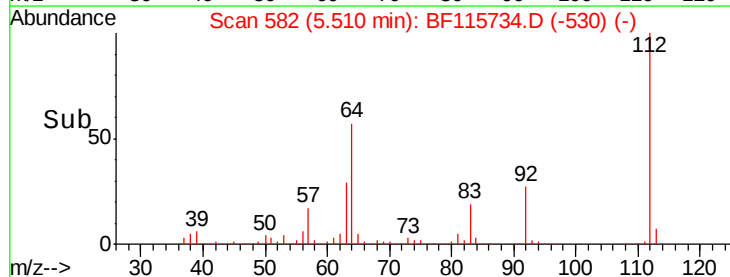
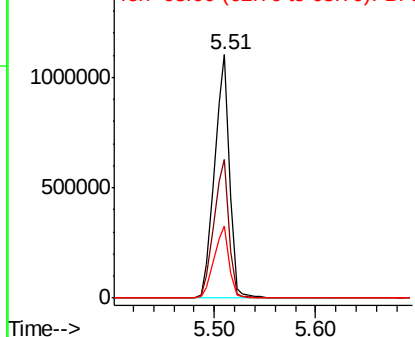
#5

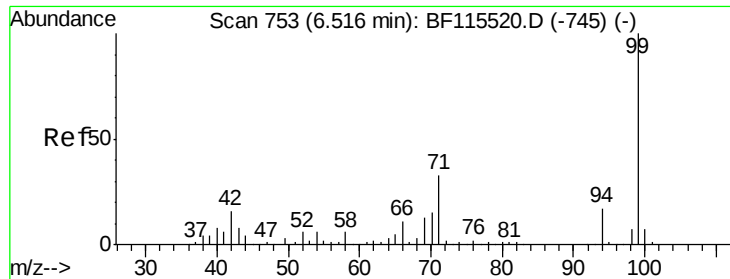
2-Fluorophenol
Concen: 111.160 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.01 min
Lab File: BF115734.D
Acq: 23 Jul 2019 22:09

Tgt Ion:112 Resp: 1133362
Ion Ratio Lower Upper
112 100
64 57.0 46.8 70.2
63 29.4 24.1 36.1



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: 103.441 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF115734.D

Acq: 23 Jul 2019 22:09

Instrument :

BNA_F

ClientSampleId :

PA-71619

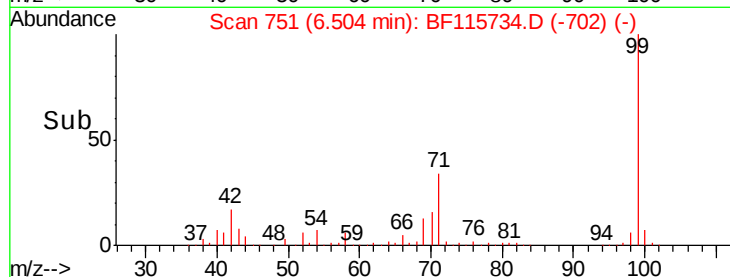
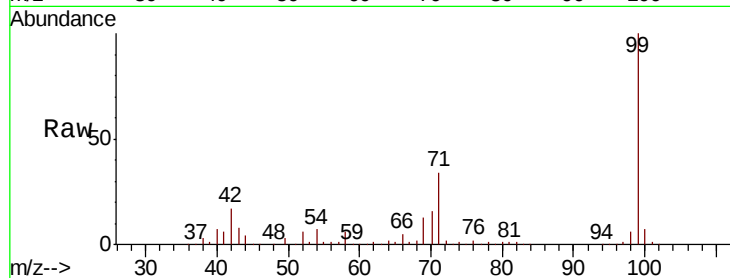
Tgt Ion: 99 Resp: 1338246

Ion Ratio Lower Upper

99 100

42 16.7 13.6 20.4

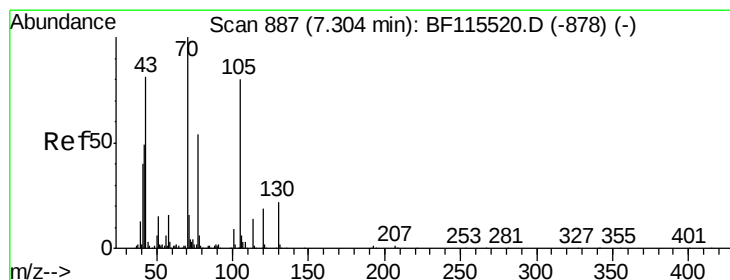
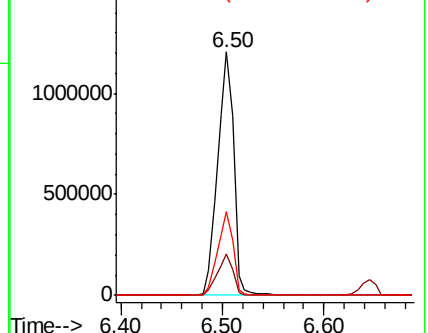
71 34.2 28.5 42.7



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: 17.391 ng

RT: 7.43 min Scan# 908

Delta R.T. 0.12 min

Lab File: BF115734.D

Acq: 23 Jul 2019 22:09

Tgt Ion: 70 Resp: 146734

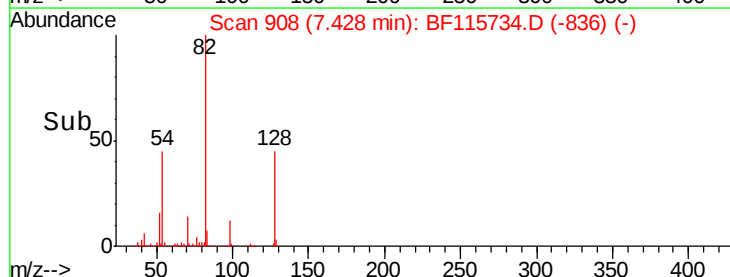
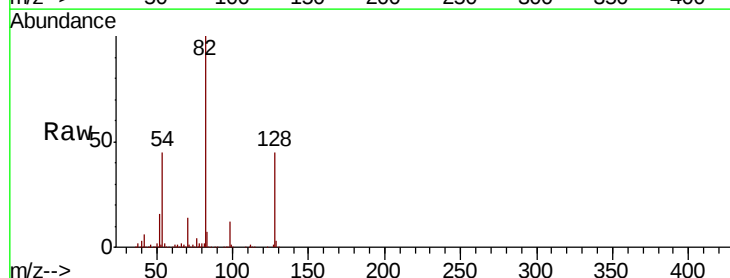
Ion Ratio Lower Upper

70 100

42 42.1 39.6 59.4

101 0.0 8.1 12.1#

130 2.2 18.2 27.2#

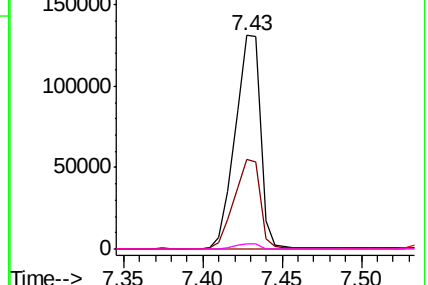


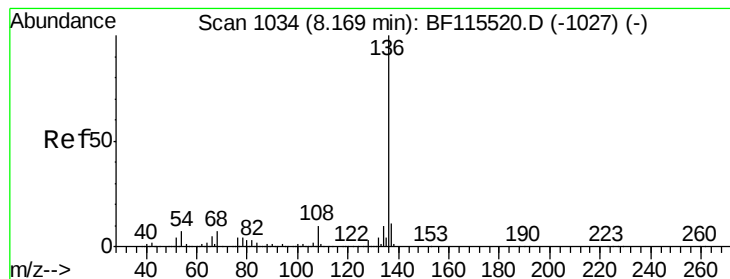
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.15 min Scan# 1031

Delta R.T. -0.02 min

Lab File: BF115734.D

Acq: 23 Jul 2019 22:09

Instrument :

BNA_F

ClientSampleId :

PA-71619

Tgt Ion:136 Resp: 645571

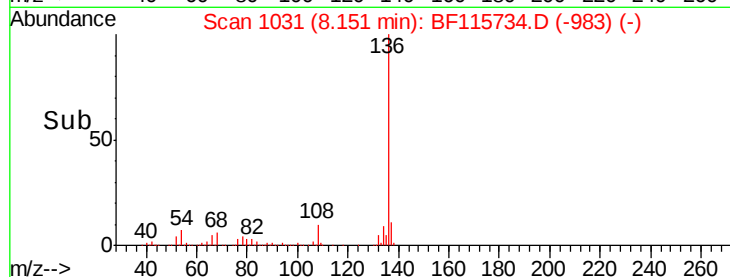
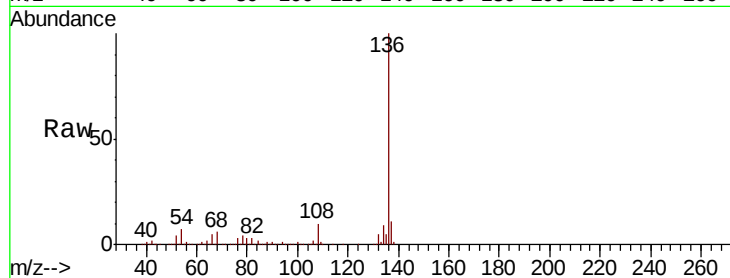
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 6.7 5.6 8.4

68 5.7 5.0 7.6

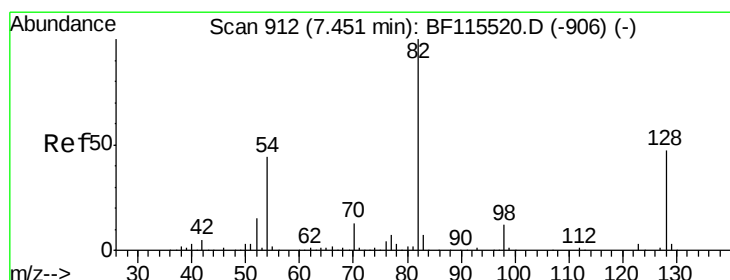
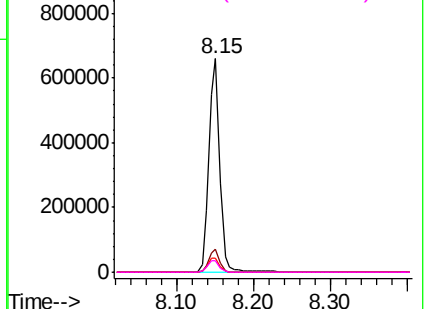


Abundance Ion 136.00 (135.70 to 136.70): E

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: 97.207 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.02 min

Lab File: BF115734.D

Acq: 23 Jul 2019 22:09

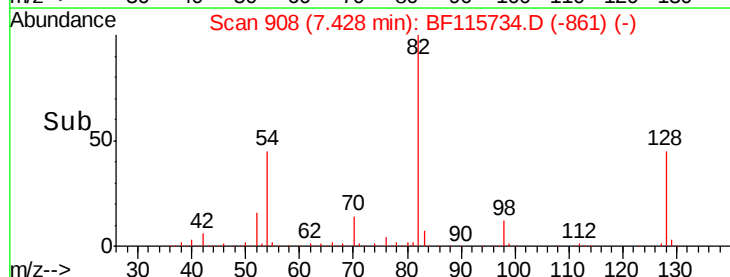
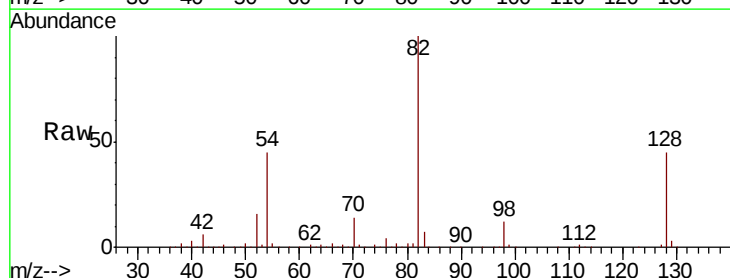
Tgt Ion: 82 Resp: 1079234

Ion Ratio Lower Upper

82 100

128 44.6 38.6 57.8

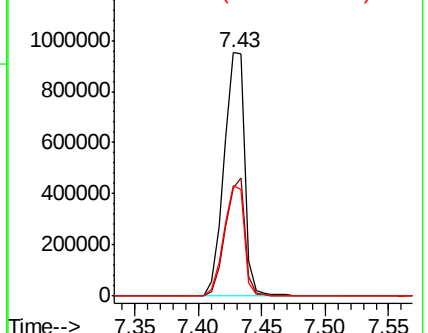
54 45.4 35.6 53.4

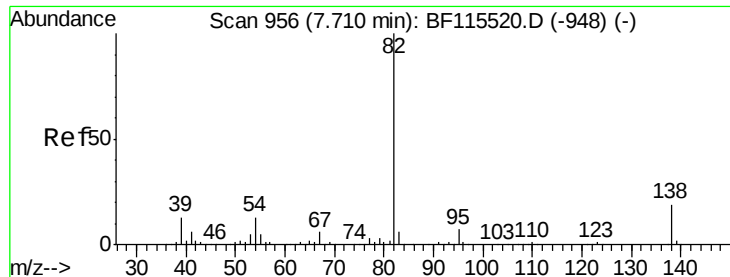


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 48.015 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.28 min

Lab File: BF115734.D

Acq: 23 Jul 2019 22:09

Instrument :

BNA_F

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PA-71619

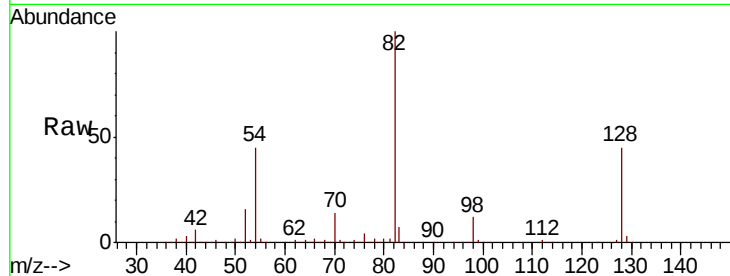
Tgt Ion: 82 Resp: 1066700

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

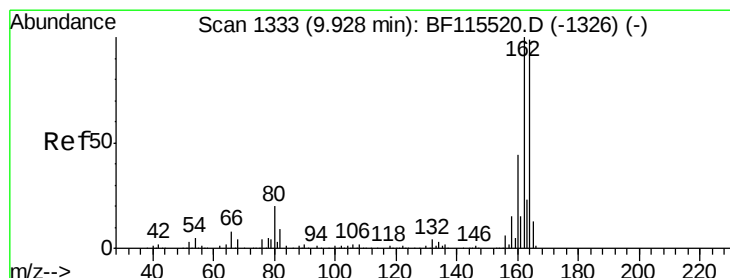
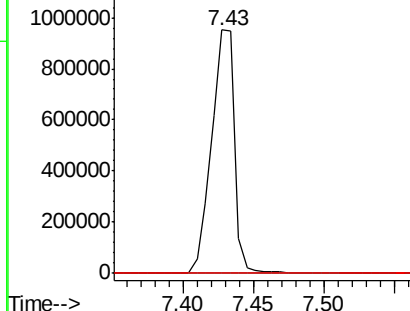
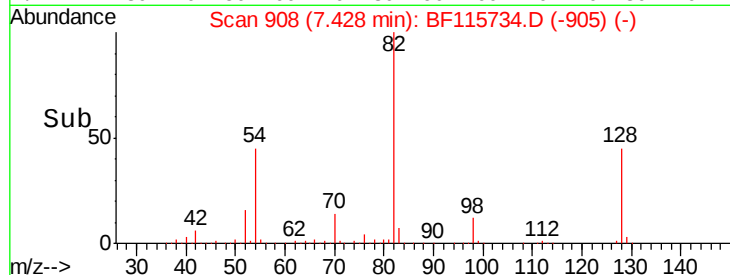
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.02 min

Lab File: BF115734.D

Acq: 23 Jul 2019 22:09

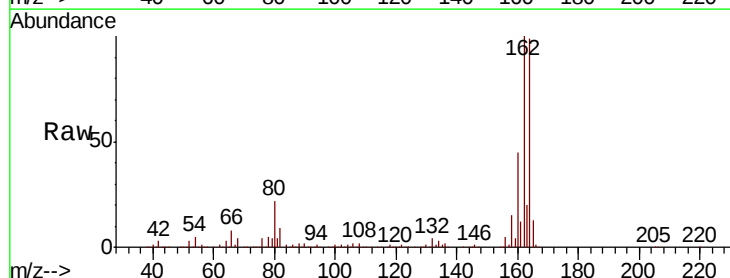
Tgt Ion: 164 Resp: 361682

Ion Ratio Lower Upper

164 100

162 101.2 82.9 124.3

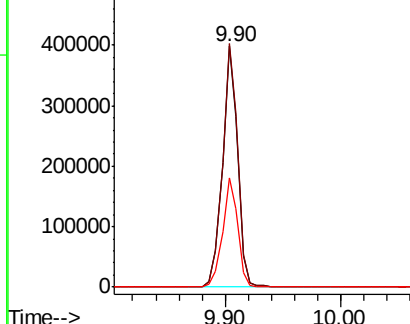
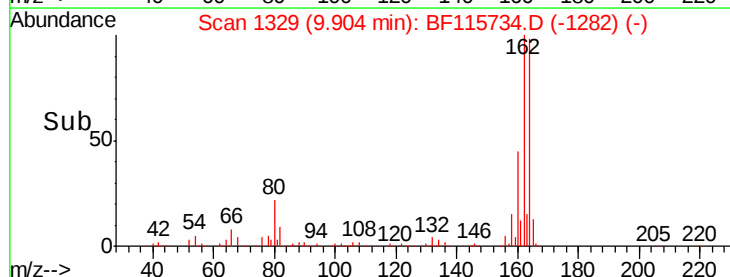
160 45.2 36.8 55.2

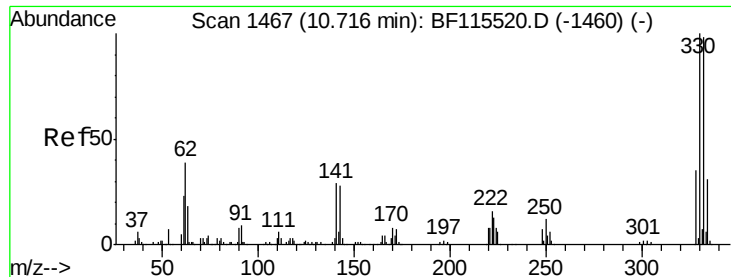


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 130.898 ng

RT: 10.70 min Scan# 1464

Delta R.T. -0.02 min

Lab File: BF115734.D

Acq: 23 Jul 2019 22:09

Instrument :

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ClientSampleId :

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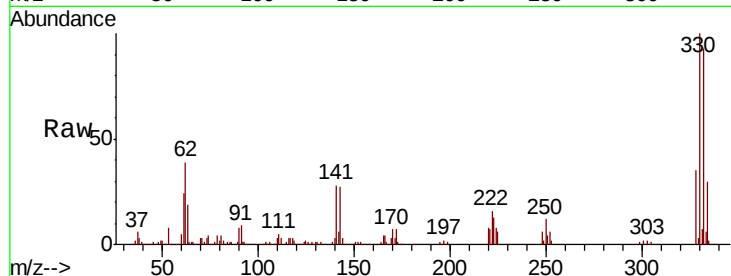
Tgt Ion:330 Resp: 552611

Ion Ratio Lower Upper

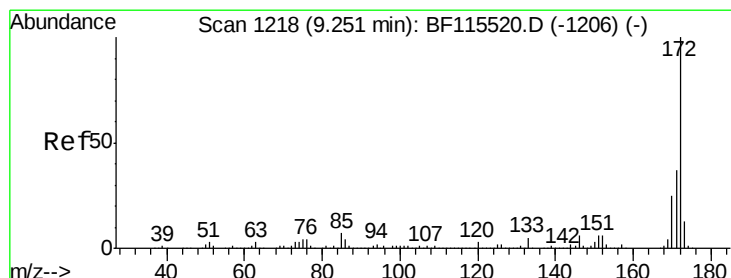
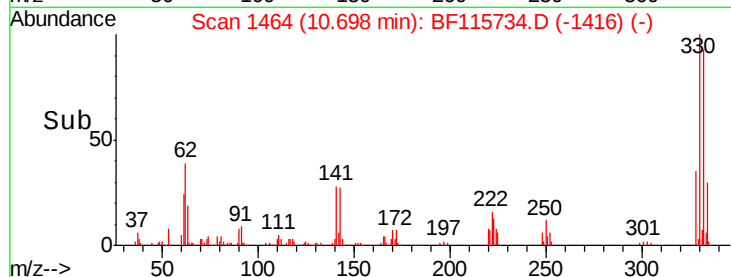
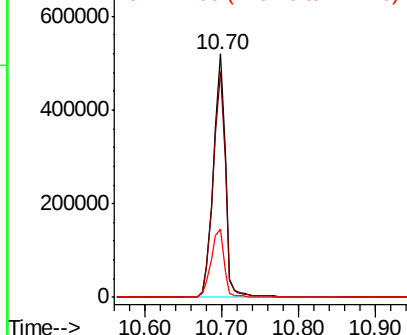
330 100

332 95.2 77.4 116.2

141 31.0 22.4 33.6



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: 94.646 ng

RT: 9.23 min Scan# 1214

Delta R.T. -0.02 min

Lab File: BF115734.D

Acq: 23 Jul 2019 22:09

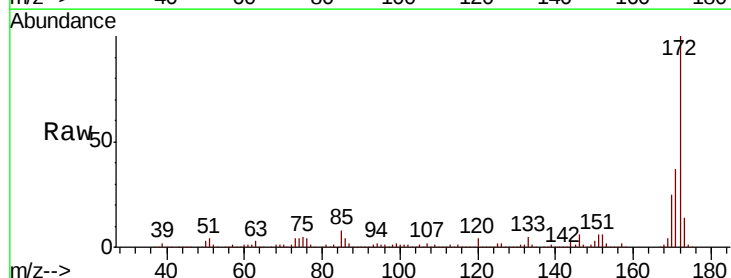
Tgt Ion:172 Resp: 1955778

Ion Ratio Lower Upper

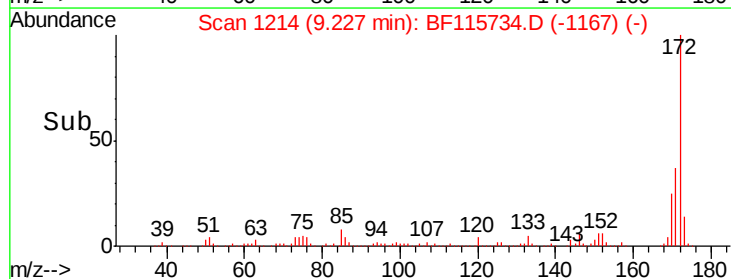
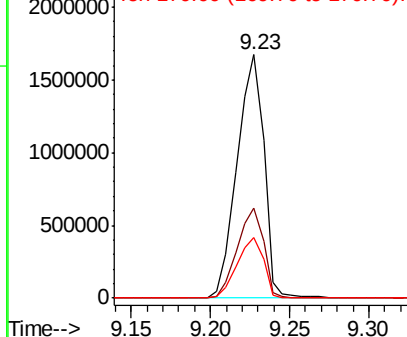
172 100

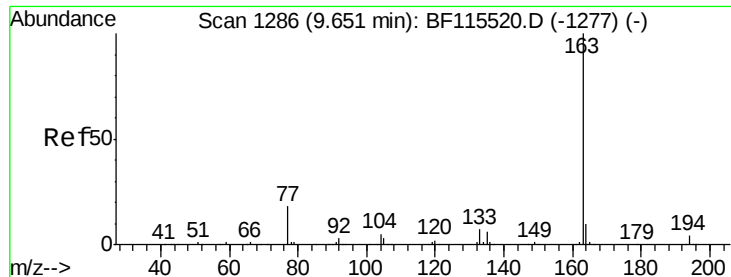
171 37.1 30.6 46.0

170 25.0 20.5 30.7



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

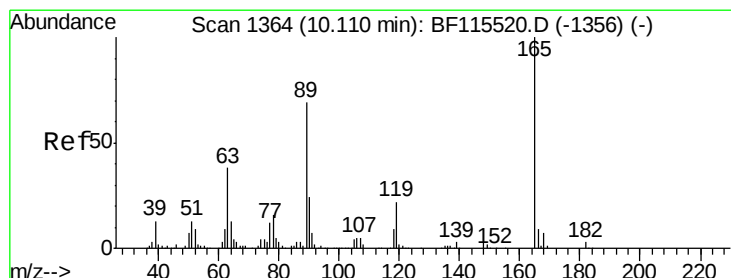
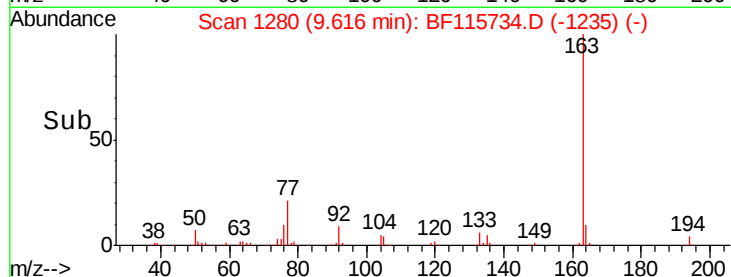
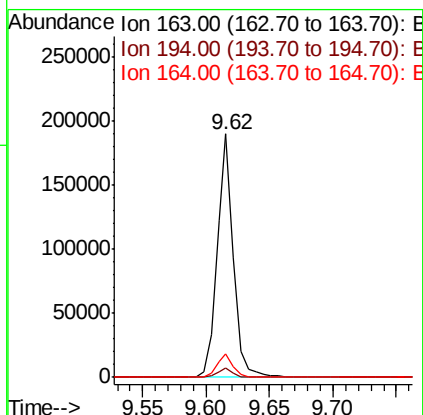
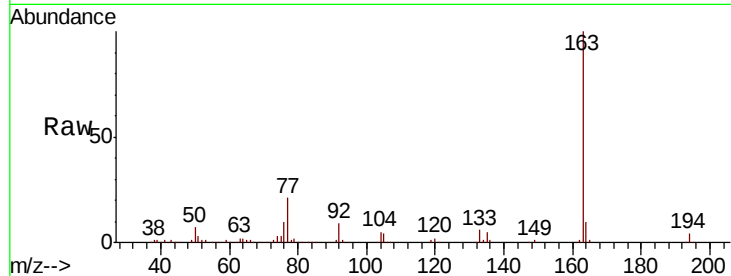




#50
Dimethylphthalate
Concen: 6.223 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.04 min
Lab File: BF115734.D
Acq: 23 Jul 2019 22:09

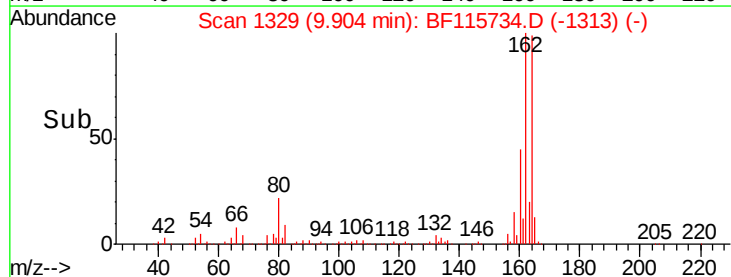
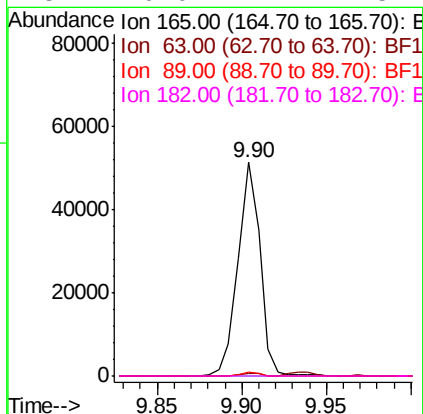
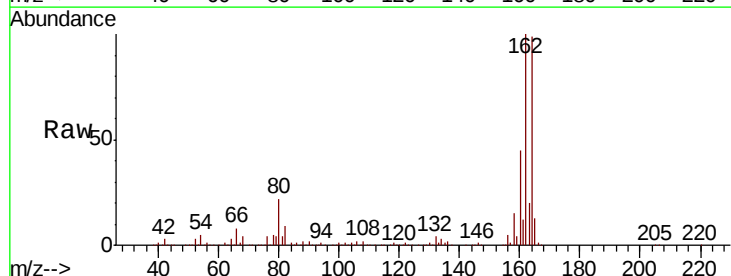
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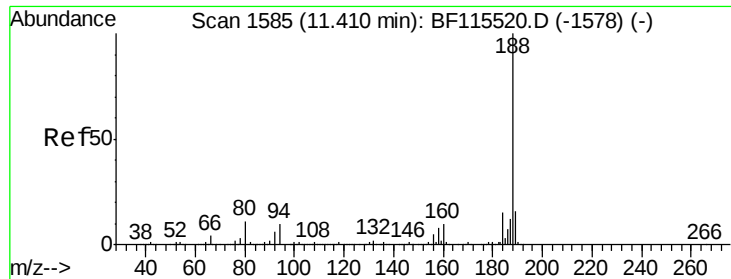
Tgt Ion:163 Resp: 169353
Ion Ratio Lower Upper
163 100
194 3.7 3.3 4.9
164 9.7 8.7 13.1



#57
2,4-Dinitrotoluene
Concen: 5.867 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.21 min
Lab File: BF115734.D
Acq: 23 Jul 2019 22:09

Tgt Ion:165 Resp: 47005
Ion Ratio Lower Upper
165 100
63 1.5 34.9 52.3#
89 1.6 57.5 86.3#
182 0.0 2.2 3.4#

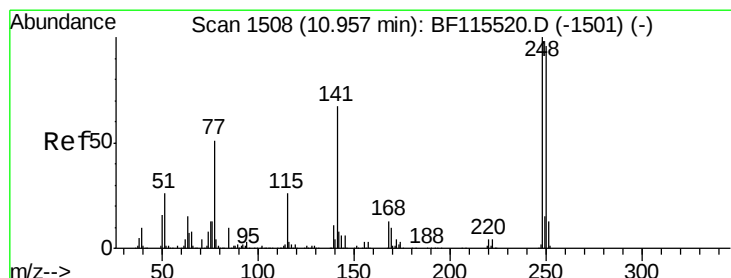
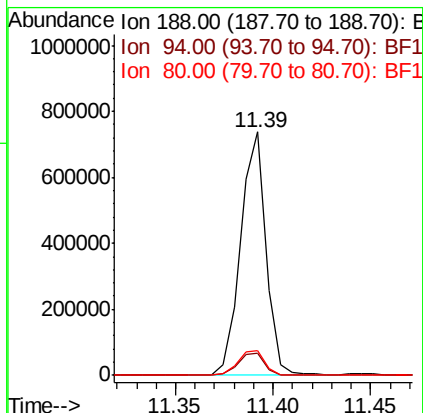
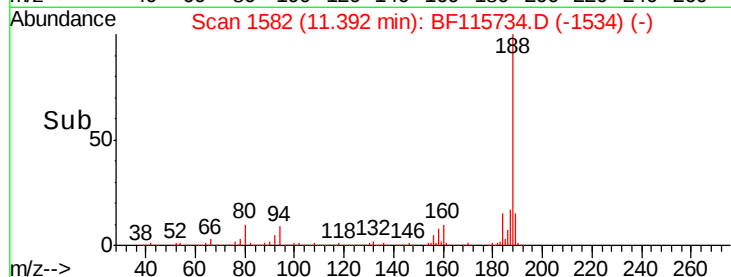
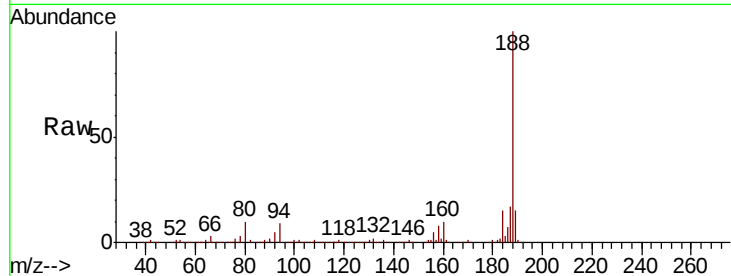




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.02 min
Lab File: BF115734.D
Acq: 23 Jul 2019 22:09

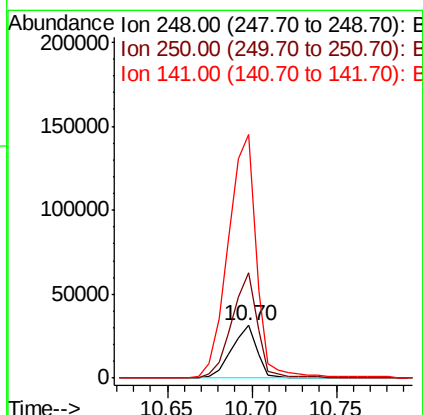
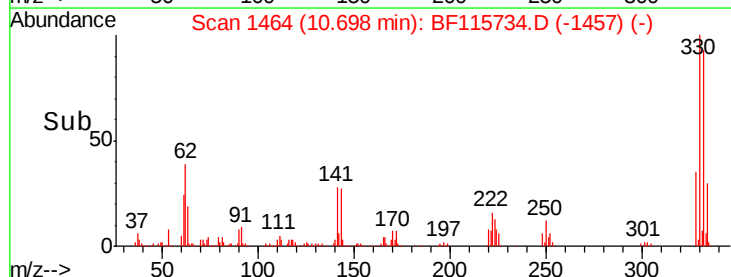
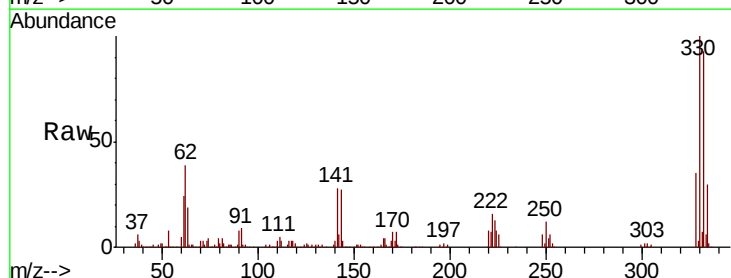
Instrument :
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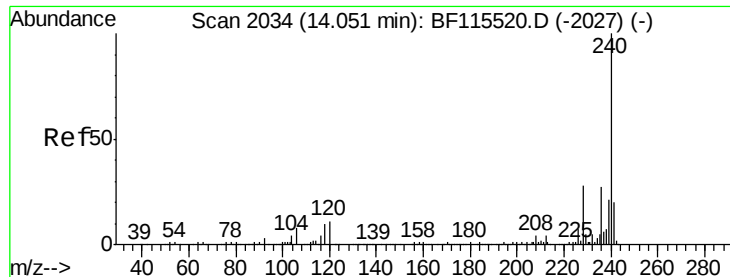
Tgt Ion:188 Resp: 665408
Ion Ratio Lower Upper
188 100
94 9.0 7.8 11.6
80 9.9 8.6 13.0



#67
4-Bromophenyl-phenylether
Concen: 4.337 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.26 min
Lab File: BF115734.D
Acq: 23 Jul 2019 22:09

Tgt Ion:248 Resp: 32977
Ion Ratio Lower Upper
248 100
250 202.3 78.0 117.0#
141 465.1 57.7 86.5#

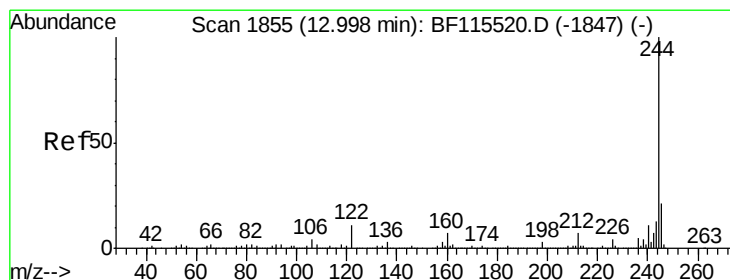
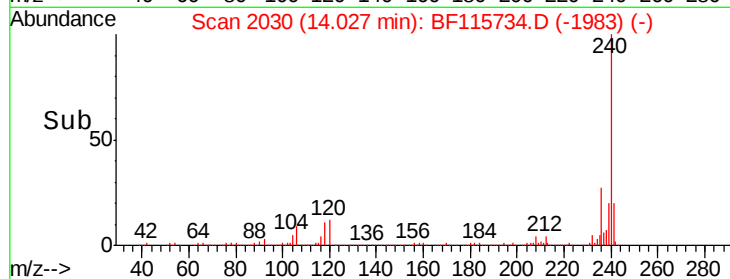
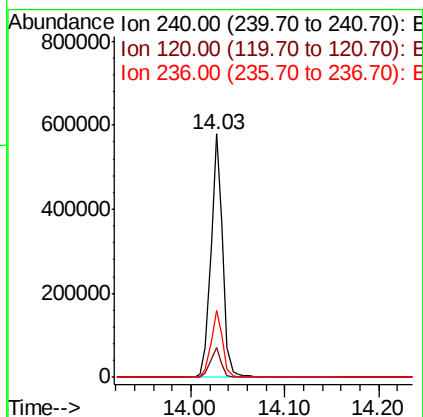
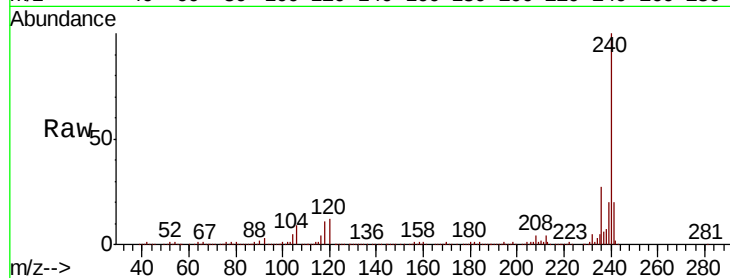




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.02 min
Lab File: BF115734.D
Acq: 23 Jul 2019 22:09

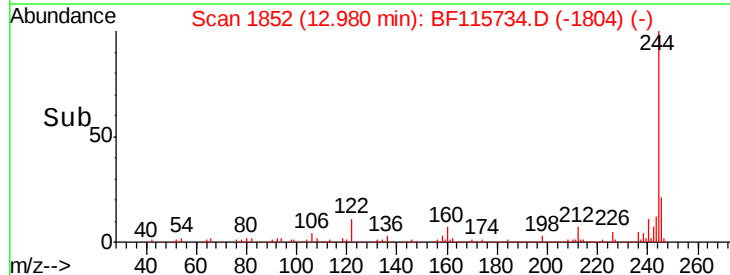
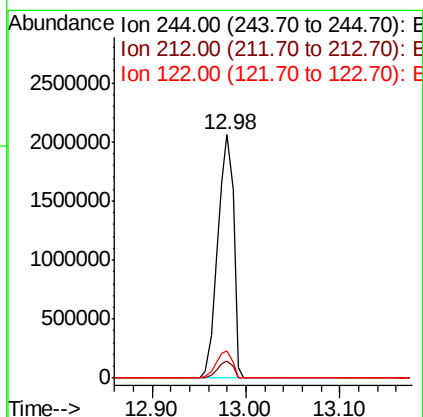
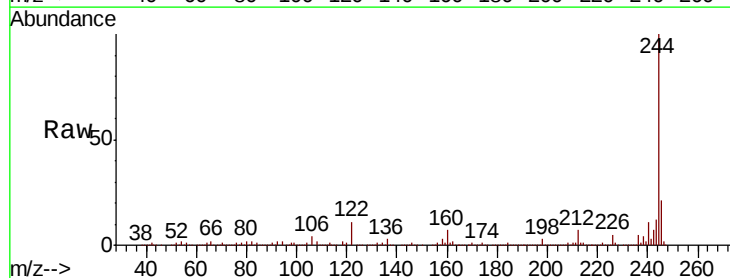
Instrument :
BNA_F
ClientSampleId :
PA-71619

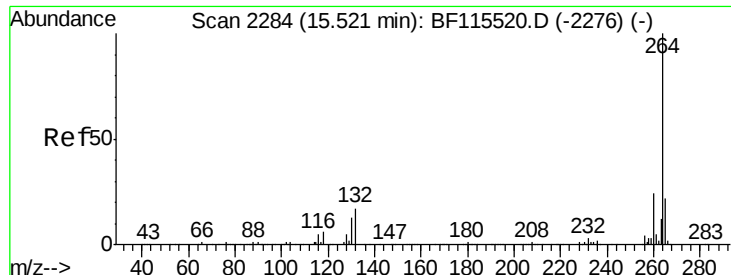
Tgt Ion:240 Resp: 509889
Ion Ratio Lower Upper
240 100
120 12.1 8.6 13.0
236 27.4 21.3 31.9



#79
Terphenyl-d14
Concen: 88.267 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.02 min
Lab File: BF115734.D
Acq: 23 Jul 2019 22:09

Tgt Ion:244 Resp: 2439143
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 11.3 8.6 12.8

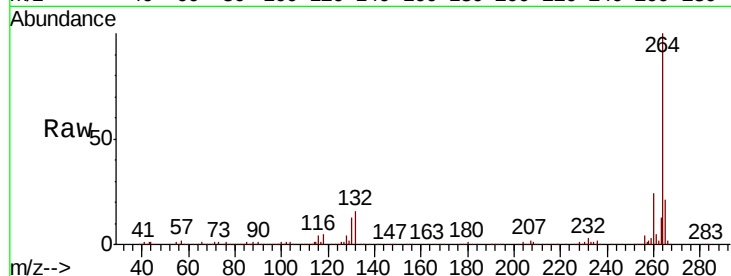




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.02 min
Lab File: BF115734.D
Acq: 23 Jul 2019 22:09

Instrument :
BNA_F
ClientSampleId :
PA-71619

Tgt Ion:	264	Resp:	454376
Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.8	29.8
265	21.4	17.7	26.5



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

