

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081919\
 Data File : BF116400.D
 Acq On : 19 Aug 2019 21:01
 Operator : HP/JU
 Sample : K4272-11
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2S-K-(0-1)

Quant Time: Aug 20 01:43:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 06:03:31 2019
 Response via : Initial Calibration

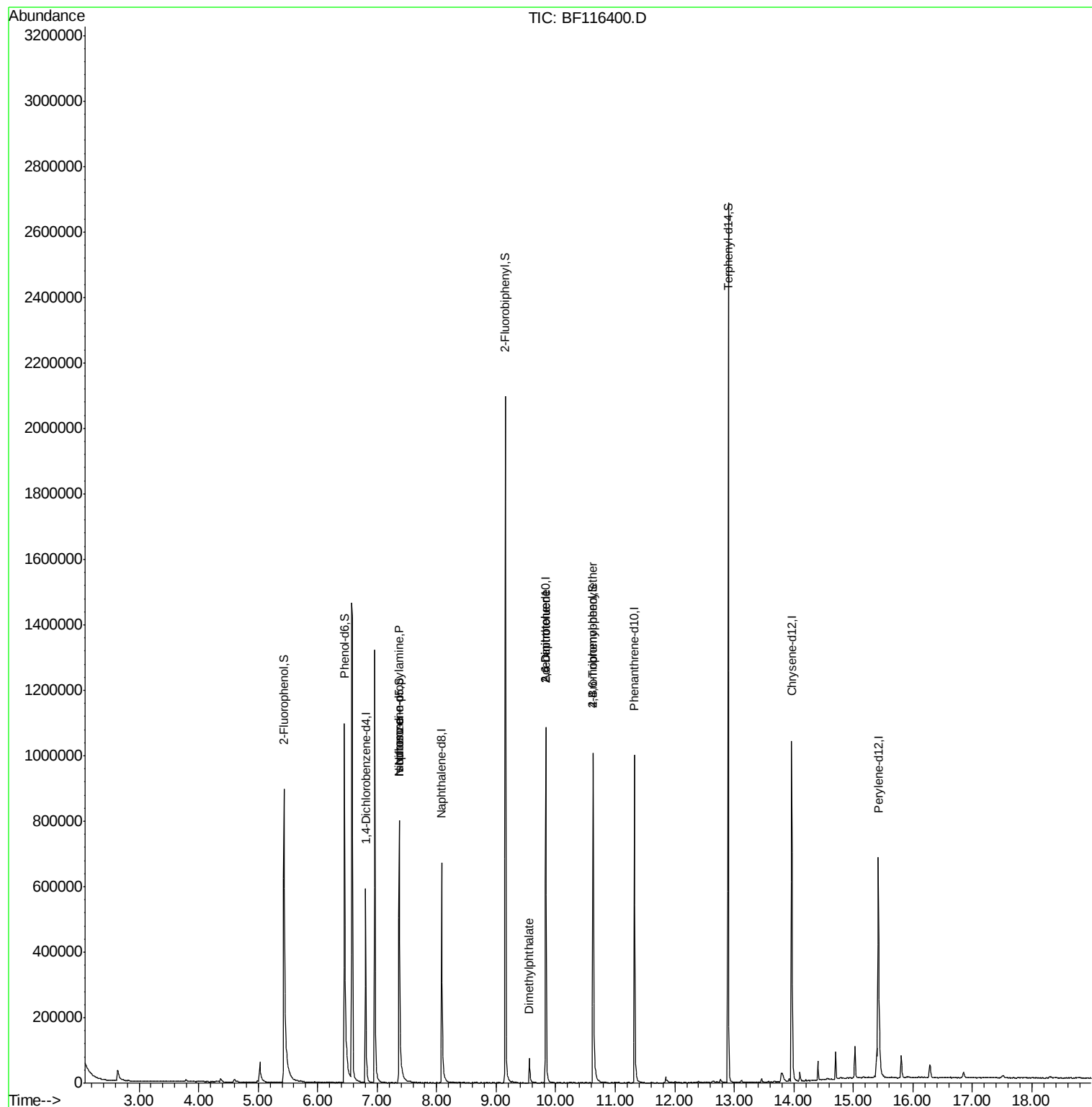
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	95356	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	397884	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	215412	20.00	ng	-0.02
64) Phenanthrene-d10	11.32	188	415872	20.00	ng	-0.02
76) Chrysene-d12	13.96	240	378774	20.00	ng	-0.02
87) Perylene-d12	15.42	264	397398	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	438647	77.01	ng	0.00
7) Phenol-d6	6.45	99	566723	78.86	ng	-0.02
23) Nitrobenzene-d5	7.37	82	354577	51.44	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	160320	76.76	ng	-0.02
45) 2-Fluorobiphenyl	9.15	172	671201	58.36	ng	-0.02
79) Terphenyl-d14	12.90	244	882686	49.10	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	45071	10.121	ng	# 80
25) Isophorone	7.37	82	355139	26.944	ng	# 65
50) Dimethylphthalate	9.56	163	42841	2.921	ng	# 99
51) 2,6-Dinitrotoluene	9.83	165	27427	8.605	ng	# 28
57) 2,4-Dinitrotoluene	9.83	165	27427	6.463	ng	# 20
67) 4-Bromophenyl-phenylether	10.63	248	9717	2.183	ng	# 1

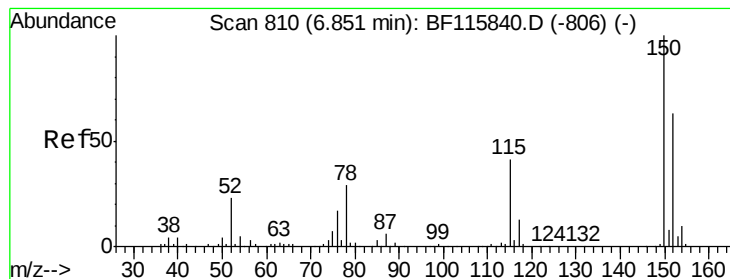
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.80 min Scan# 802

Delta R.T. -0.01 min

Lab File: BF116400.D

Acq: 19 Aug 2019 21:01

Instrument :

BNA_F

ClientSampleId :

2S-K-(0-1)

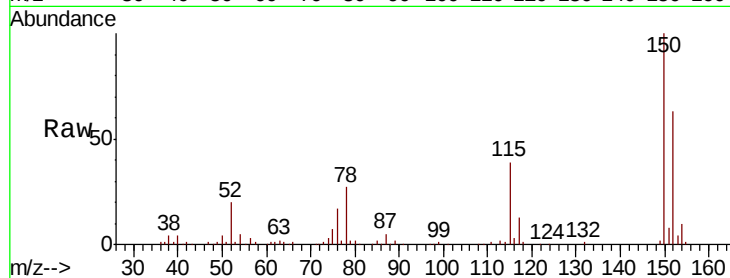
Tgt Ion:152 Resp: 95356

Ion Ratio Lower Upper

152 100

150 157.6 126.2 189.2

115 60.8 49.9 74.9

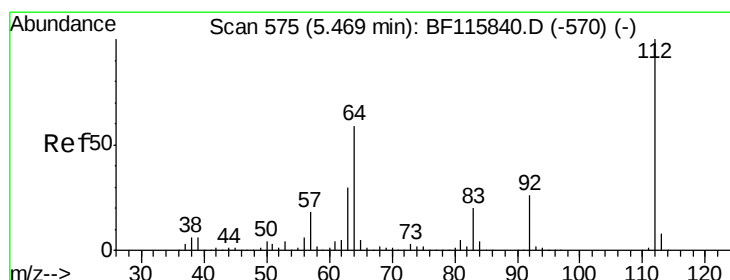
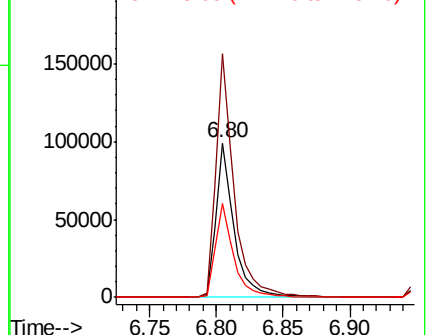
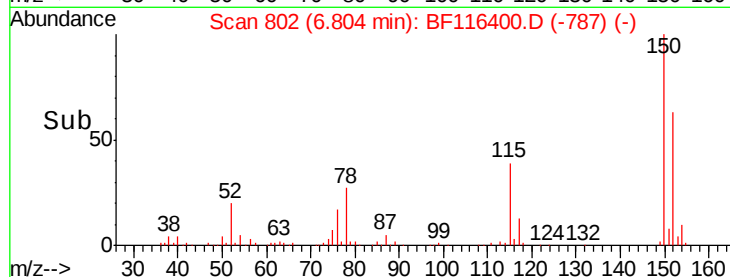


Abundance

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: 77.008 ng

RT: 5.43 min Scan# 569

Delta R.T. -0.01 min

Lab File: BF116400.D

Acq: 19 Aug 2019 21:01

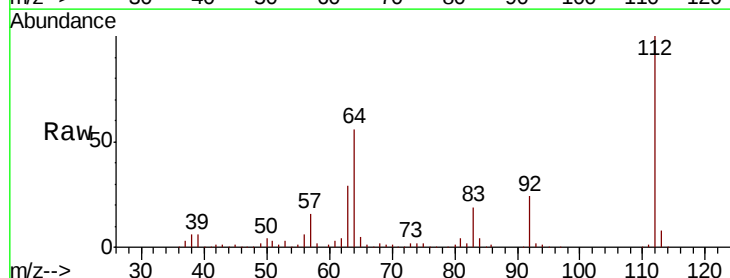
Tgt Ion:112 Resp: 438647

Ion Ratio Lower Upper

112 100

64 56.4 45.4 68.2

63 28.9 23.7 35.5

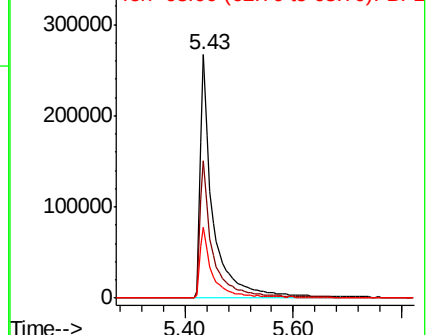
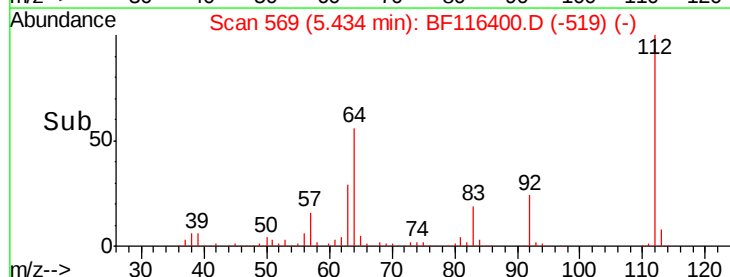


Abundance

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: 78.858 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.02 min

Lab File: BF116400.D

Acq: 19 Aug 2019 21:01

Instrument :

BNA_F

ClientSampleId :

2S-K-(0-1)

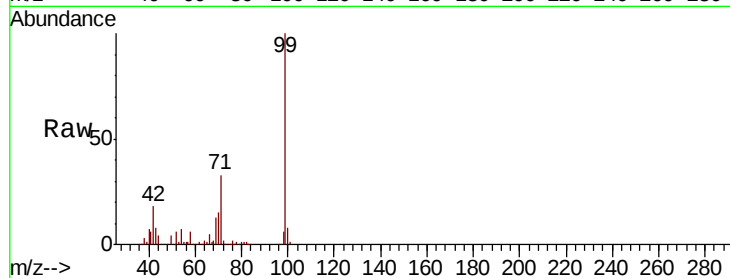
Tgt Ion: 99 Resp: 566723

Ion Ratio Lower Upper

99 100

42 17.5 13.8 20.8

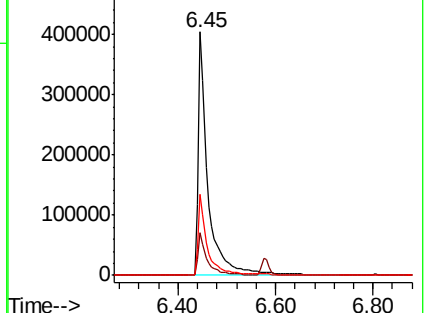
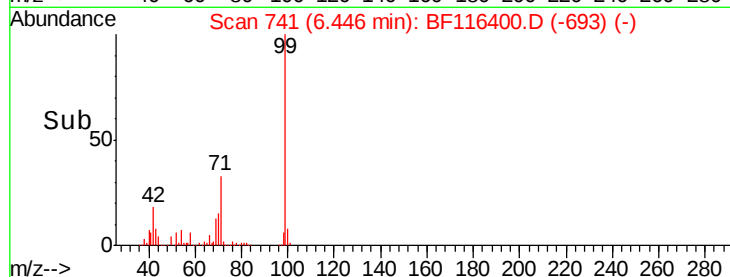
71 33.1 27.3 40.9



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



#19

n-Nitroso-di-n-propylamine

Concen: 10.121 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.14 min

Lab File: BF116400.D

Acq: 19 Aug 2019 21:01

Tgt Ion: 70 Resp: 45071

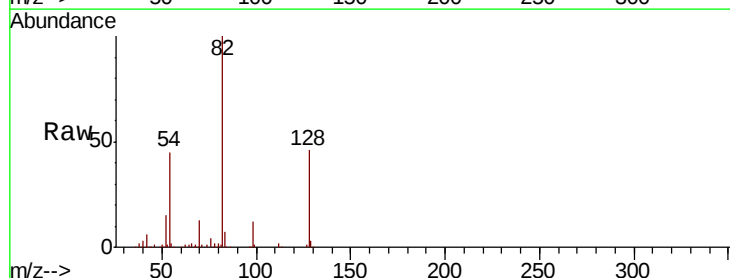
Ion Ratio Lower Upper

70 100

42 44.4 40.9 61.3

101 0.0 7.9 11.9#

130 1.9 16.9 25.3#

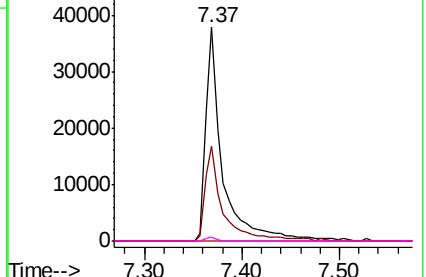
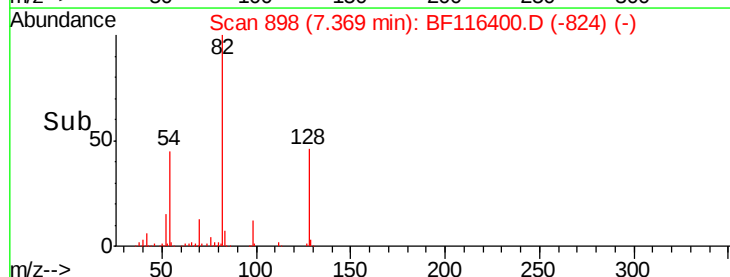


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

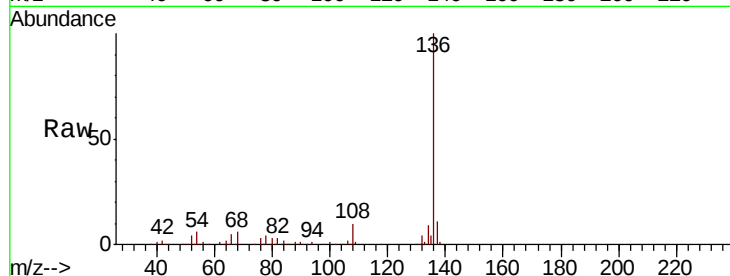




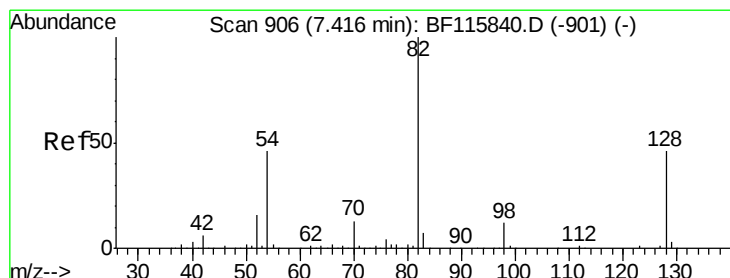
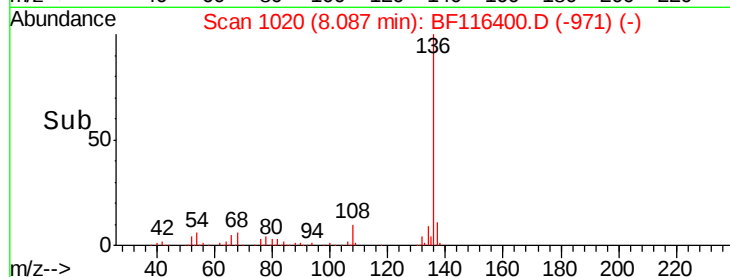
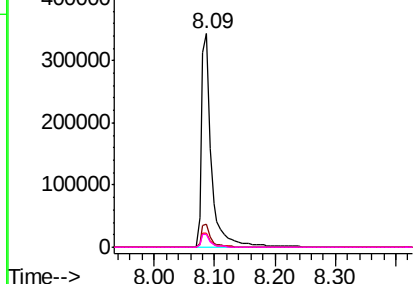
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF116400.D
Acq: 19 Aug 2019 21:01

Instrument :
BNA_F
ClientSampleId :
2S-K-(0-1)

Tgt Ion:	136	Resp:	397884
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	6.4	5.8	8.6
68	6.0	5.2	7.8

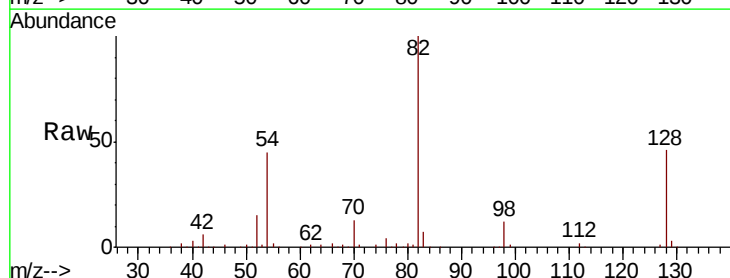


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

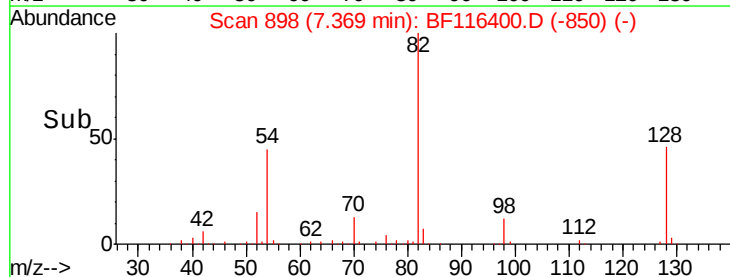
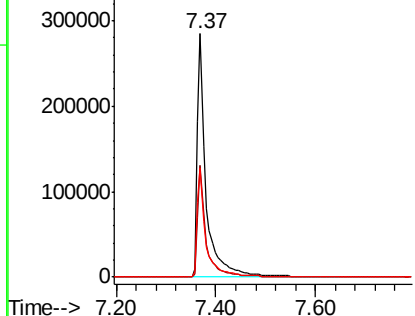


#23
Nitrobenzene-d5
Concen: 51.440 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.02 min
Lab File: BF116400.D
Acq: 19 Aug 2019 21:01

Tgt Ion:	82	Resp:	354577
Ion	Ratio	Lower	Upper
82	100		
128	45.7	36.5	54.7
54	44.7	36.0	54.0



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

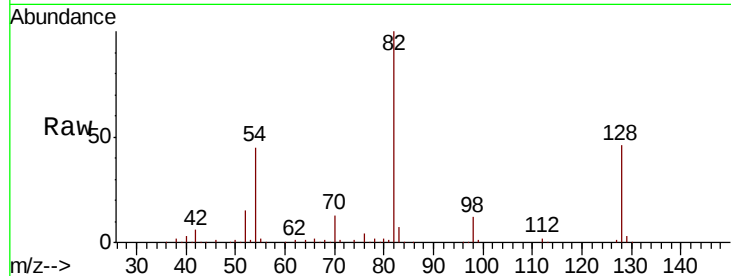




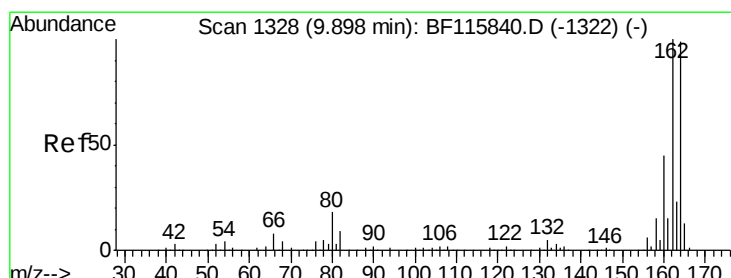
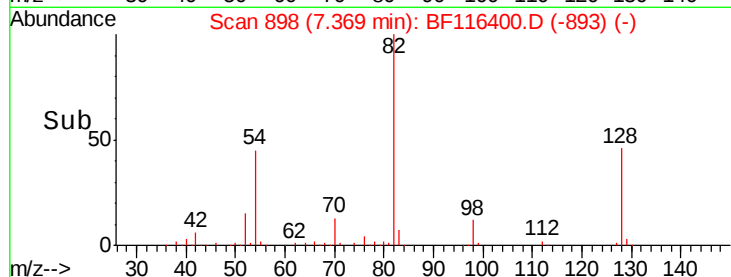
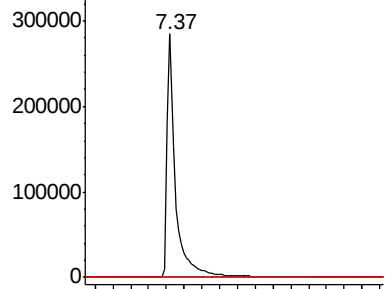
#25
Isophorone
Concen: 26.944 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.27 min
Lab File: BF116400.D
Acq: 19 Aug 2019 21:01

Instrument :
BNA_F
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Tgt Ion: 82 Resp: 355139
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 14.5 21.7#

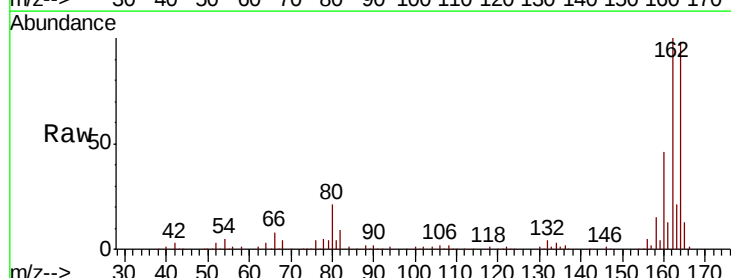


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

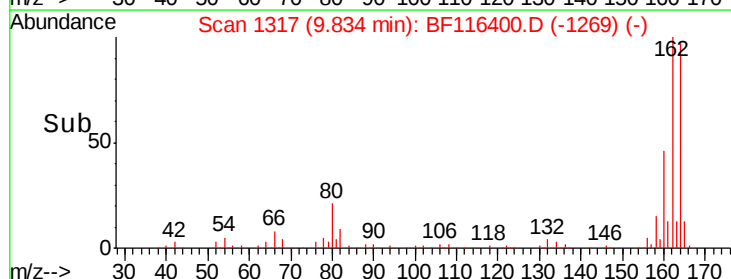
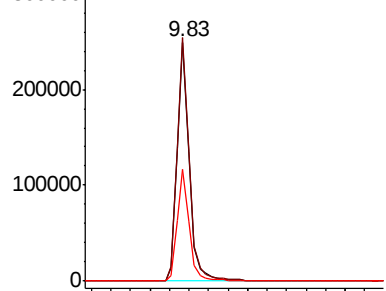


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.02 min
Lab File: BF116400.D
Acq: 19 Aug 2019 21:01

Tgt Ion: 164 Resp: 215412
Ion Ratio Lower Upper
164 100
162 101.9 82.6 124.0
160 46.9 37.6 56.4



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

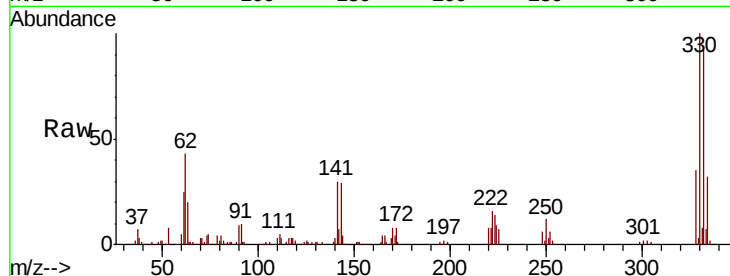




#42
 2,4,6-Tribromophenol
 Concen: 76.764 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.02 min
 Lab File: BF116400.D
 Acq: 19 Aug 2019 21:01

Instrument :
 BNA_F
 ClientSampleId :
 2S-K-(0-1)

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.9	76.8	115.2
141	34.4	26.3	39.5

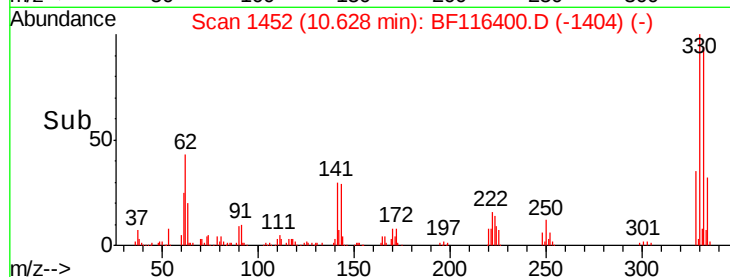
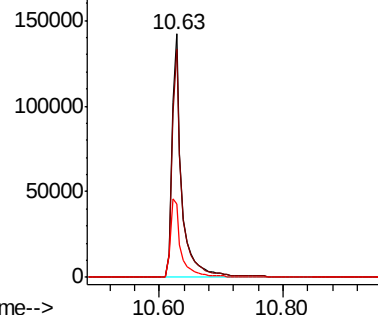


Abundance

Ion 329.80 (329.50 to 330.50): E

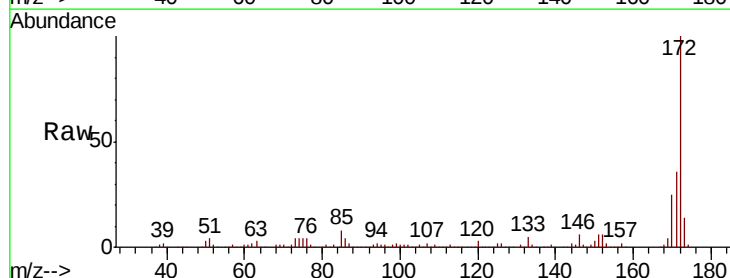
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 58.363 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.02 min
 Lab File: BF116400.D
 Acq: 19 Aug 2019 21:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	24.6	20.1	30.1

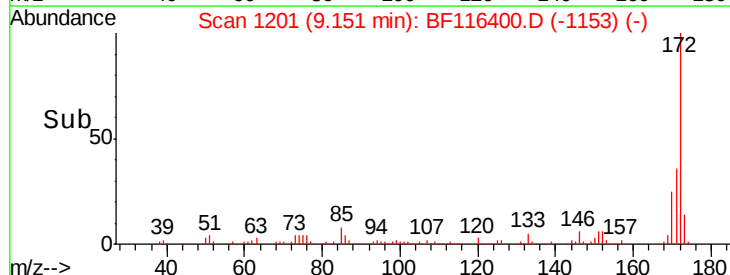
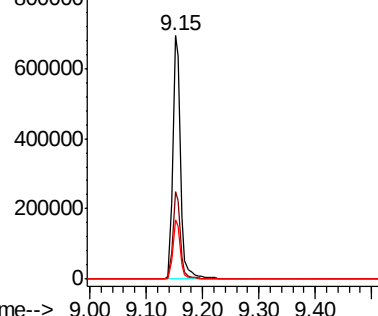


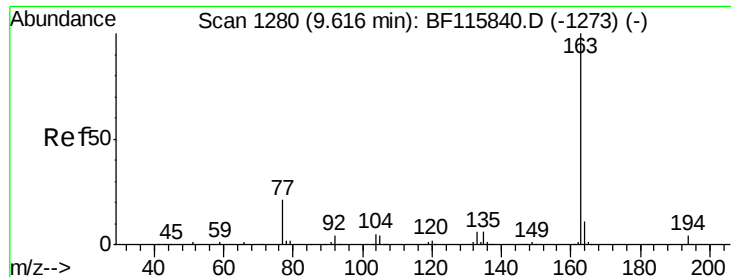
Abundance

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

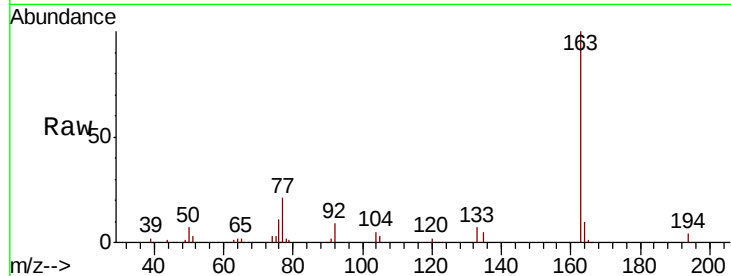




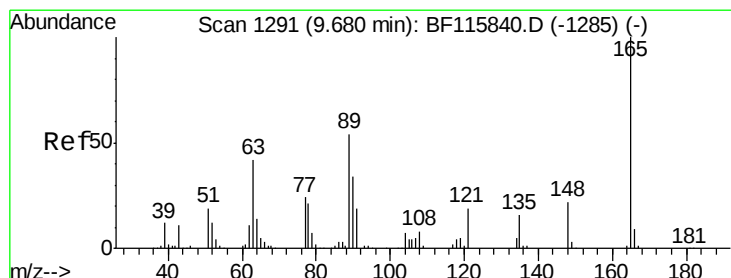
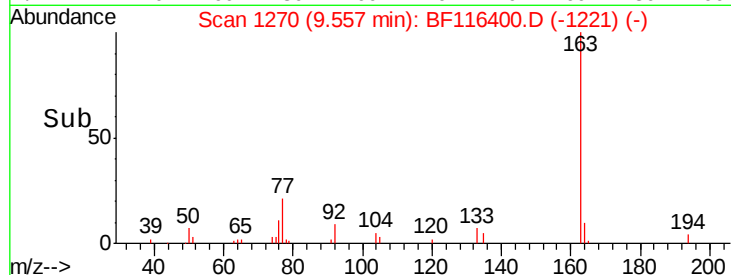
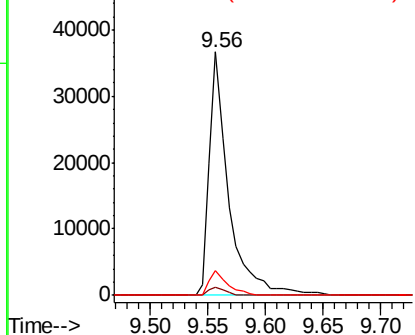
#50
Dimethylphthalate
Concen: 2.921 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF116400.D
Acq: 19 Aug 2019 21:01

Instrument :
BNA_F
ClientSampleId :
2S-K-(0-1)

Tgt Ion:163 Resp: 42841
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.6
164 9.9 8.4 12.6

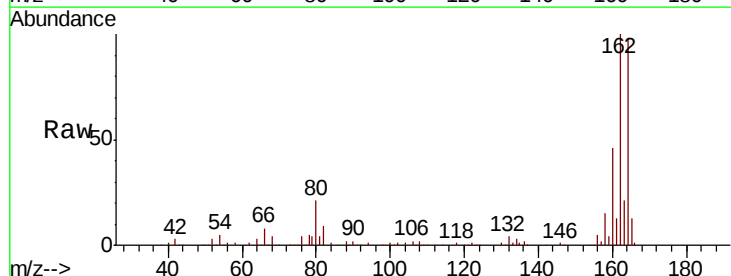


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

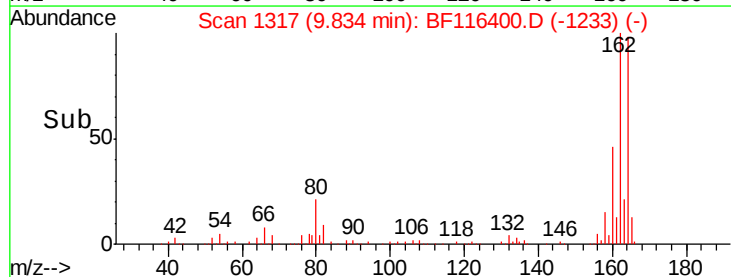
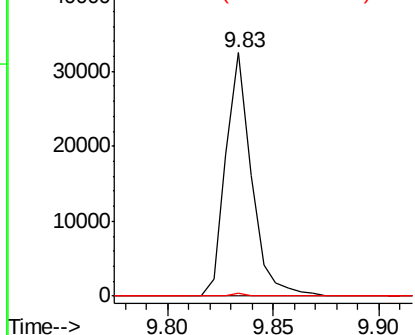


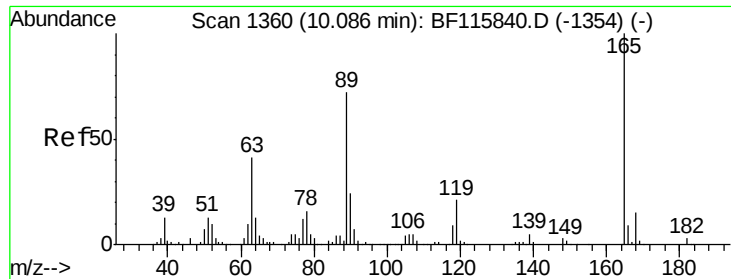
#51
2,6-Dinitrotoluene
Concen: 8.605 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.19 min
Lab File: BF116400.D
Acq: 19 Aug 2019 21:01

Tgt Ion:165 Resp: 27427
Ion Ratio Lower Upper
165 100
63 0.0 38.2 57.2#
89 1.4 42.9 64.3#



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

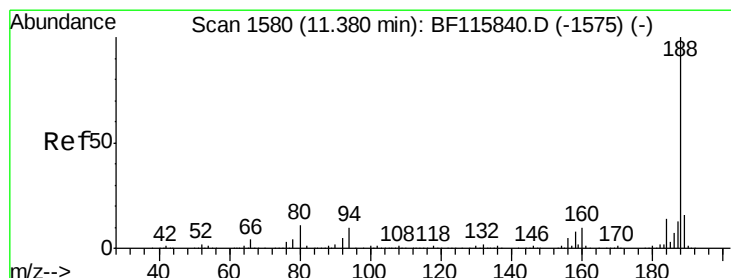
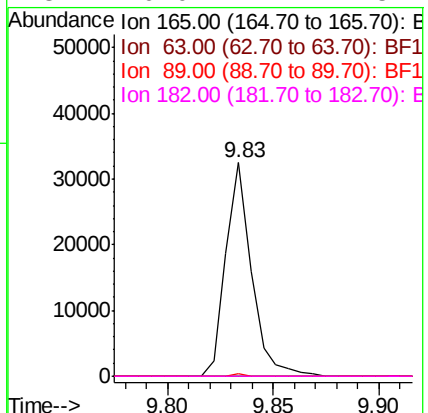
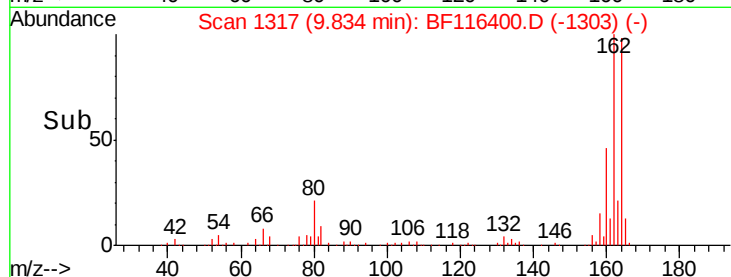
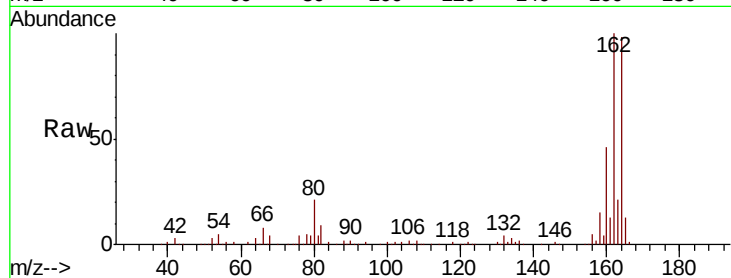




#57
 2,4-Dinitrotoluene
 Concen: 6.463 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.22 min
 Lab File: BF116400.D
 Acq: 19 Aug 2019 21:01

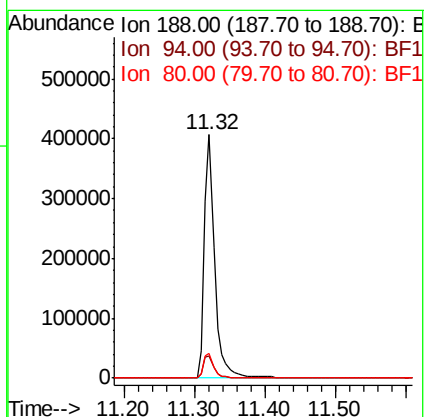
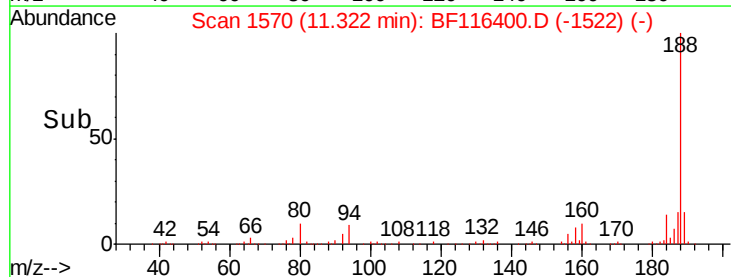
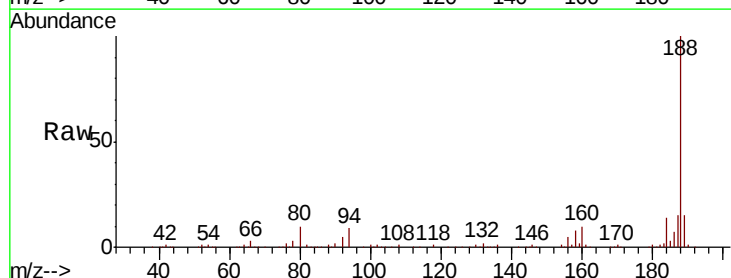
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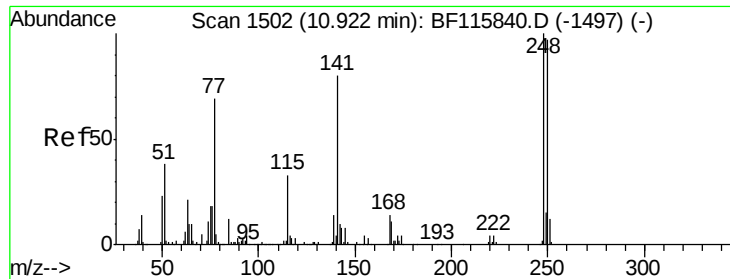
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	39.6	59.4#
89	1.4	62.2	93.2#
182	0.0	2.1	3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. -0.02 min
 Lab File: BF116400.D
 Acq: 19 Aug 2019 21:01

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.1	12.1
80	10.3	8.7	13.1

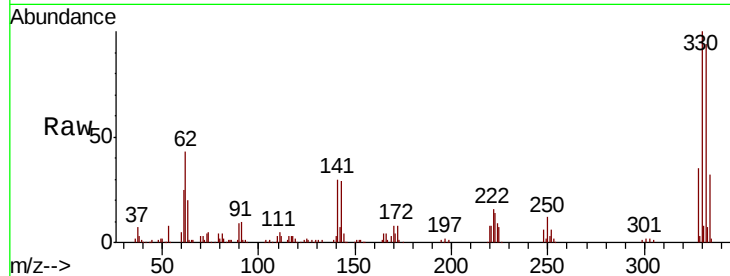




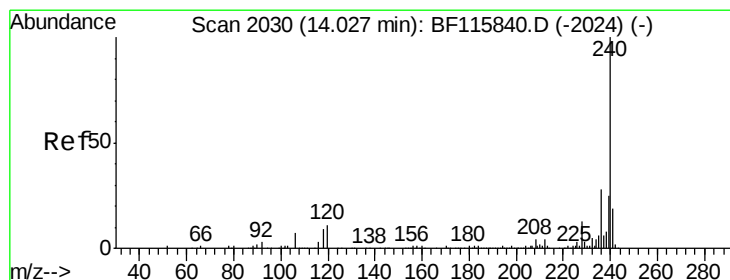
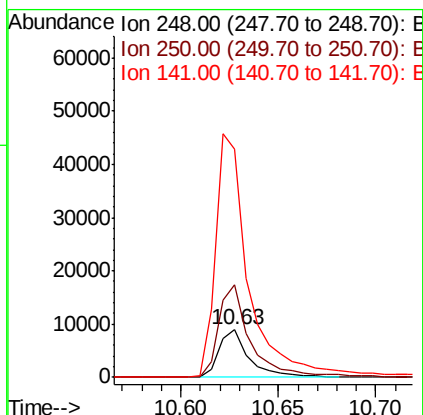
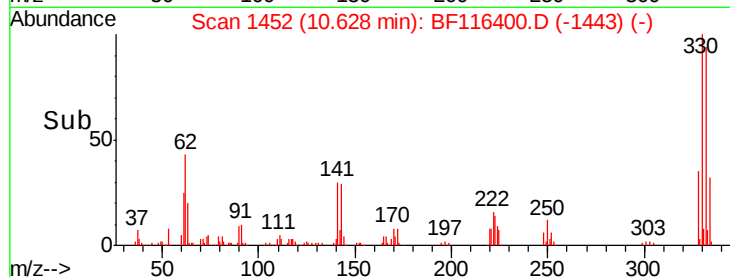
#67
 4-Bromophenyl-phenylether
 Concen: 2.183 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.25 min
 Lab File: BF116400.D
 Acq: 19 Aug 2019 21:01

Instrument :
 BNA_F
 ClientSampleId :
 2S-K-(0-1)

Tgt Ion:248 Resp: 9717
 Ion Ratio Lower Upper
 248 100
 250 194.6 77.4 116.2#
 141 479.0 56.8 85.2#

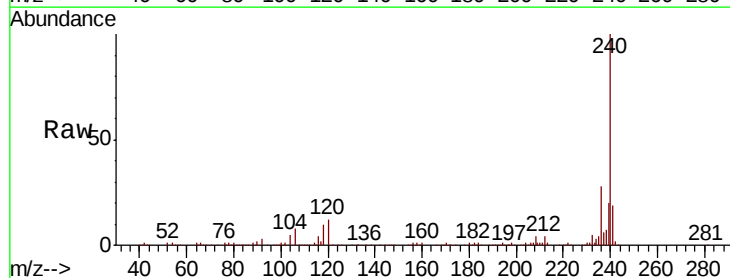


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

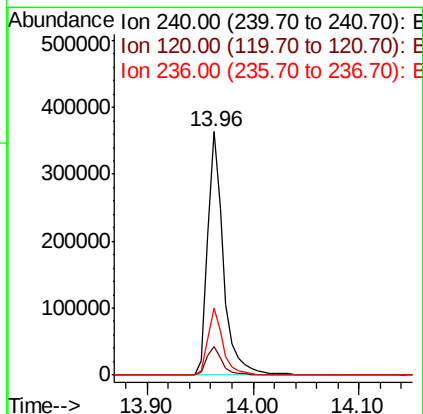
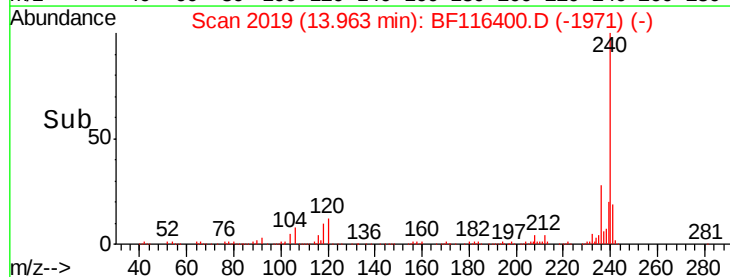


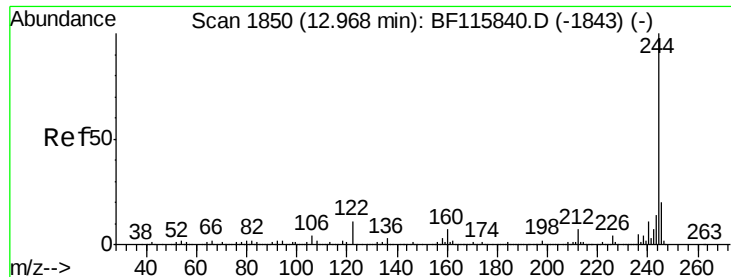
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.02 min
 Lab File: BF116400.D
 Acq: 19 Aug 2019 21:01

Tgt Ion:240 Resp: 378774
 Ion Ratio Lower Upper
 240 100
 120 11.7 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: 49.105 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.02 min

Lab File: BF116400.D

Acq: 19 Aug 2019 21:01

Instrument :

BNA_F

ClientSampleId :

2S-K-(0-1)

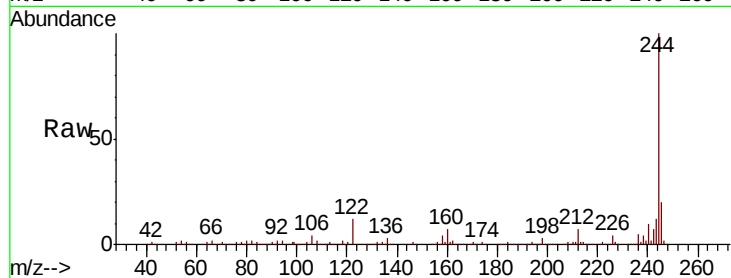
Tgt Ion:244 Resp: 882686

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

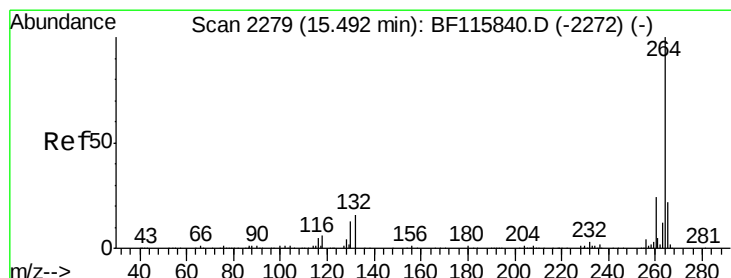
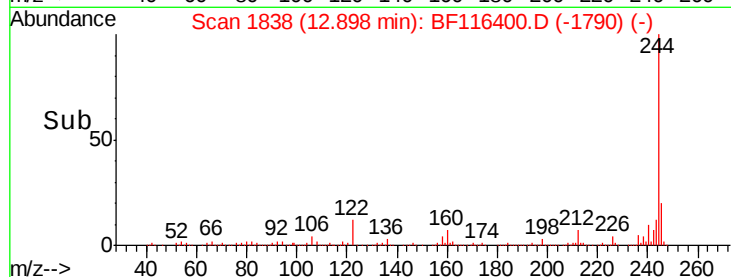
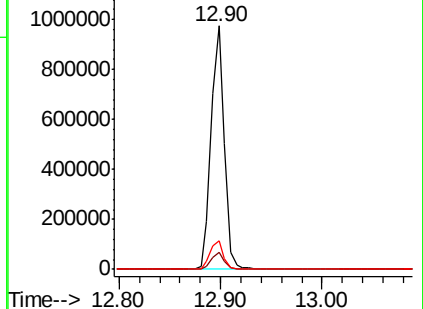
122 12.0 9.0 13.4



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: 15.42 min Scan# 2266

Delta R.T. -0.02 min

Lab File: BF116400.D

Acq: 19 Aug 2019 21:01

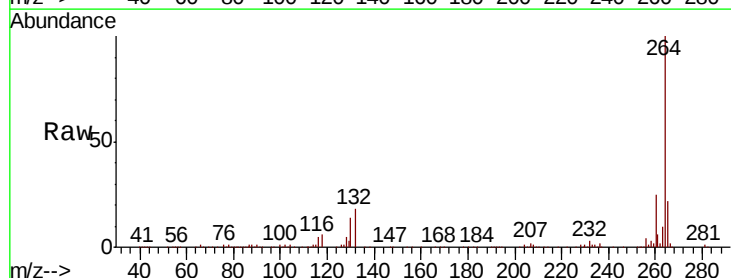
Tgt Ion:264 Resp: 397398

Ion Ratio Lower Upper

264 100

260 24.5 19.7 29.5

265 22.4 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

