

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040119\
 Data File : BF113586.D
 Acq On : 2 Apr 2019 2:54
 Operator : JU/SJ
 Sample : K2177-02
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Apr 02 04:24:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

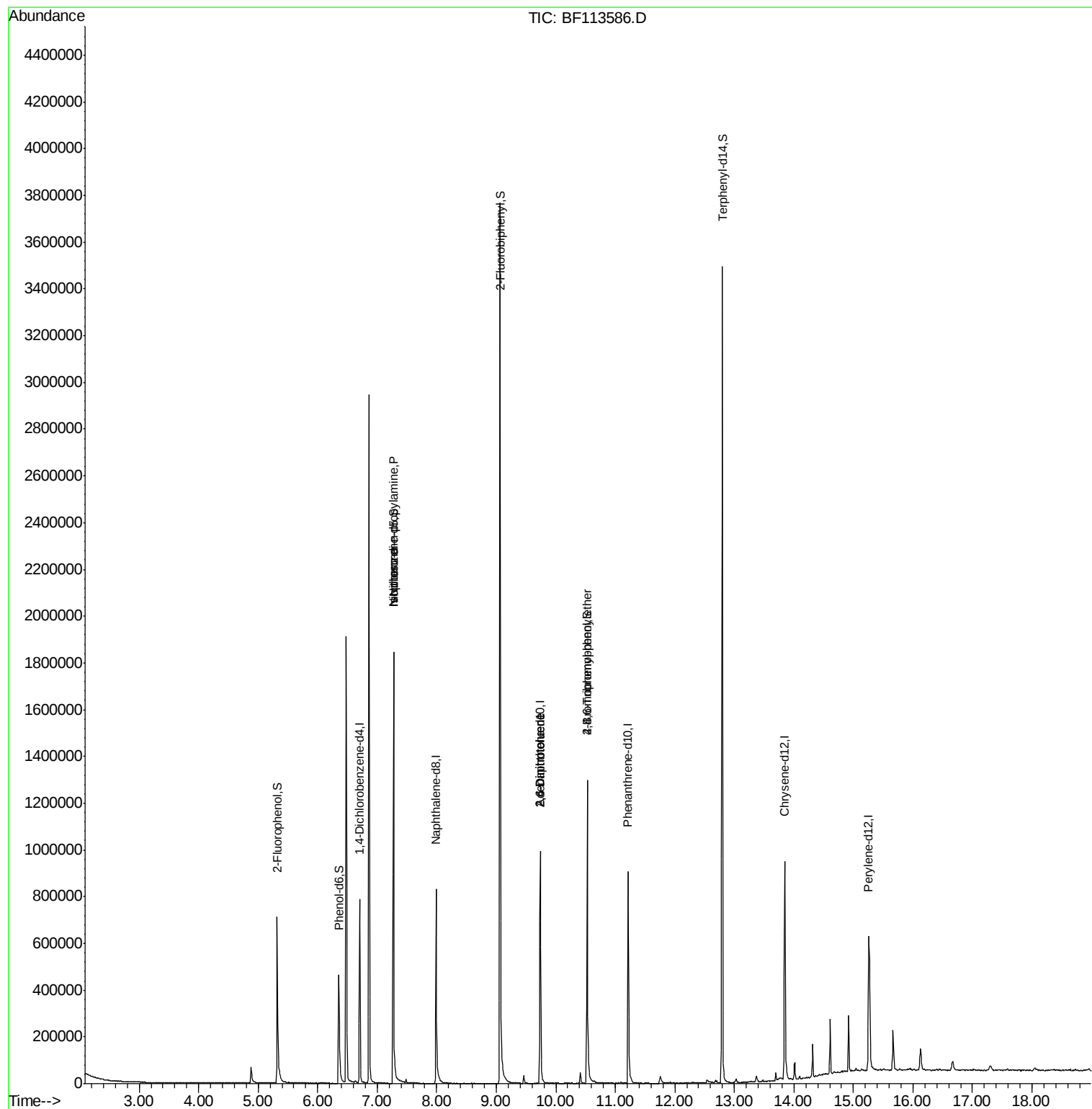
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	128028	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	484215	20.00	ng	0.00
39) Acenaphthene-d10	9.74	164	230871	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	424318	20.00	ng	0.00
76) Chrysene-d12	13.84	240	415620	20.00	ng	0.00
87) Perylene-d12	15.26	264	310759	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	277411	35.43	ng	0.00
7) Phenol-d6	6.36	99	220883	22.30	ng	0.00
23) Nitrobenzene-d5	7.27	82	734573	90.04	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	225381	79.03	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1410856	98.60	ng	0.00
79) Terphenyl-d14	12.80	244	1349693	71.58	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.27	70	93087	14.961	ng	# 77
25) Isophorone	7.27	82	734570	46.462	ng	# 64
51) 2,6-Dinitrotoluene	9.74	165	28623	7.416	ng	# 26
57) 2,4-Dinitrotoluene	9.74	165	28623	5.831	ng	# 23
67) 4-Bromophenyl-phenylether	10.53	248	11889	2.571	ng	# 1

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

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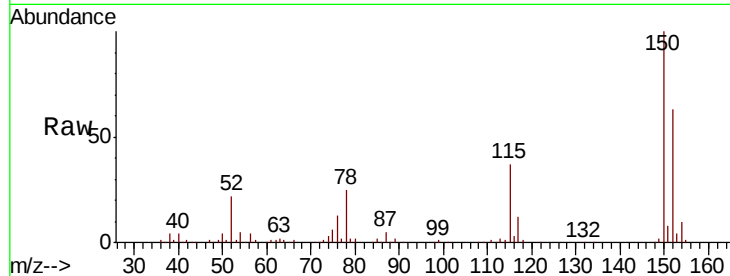


#1

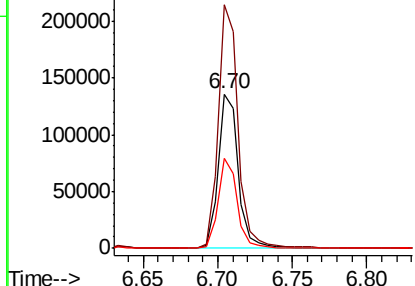
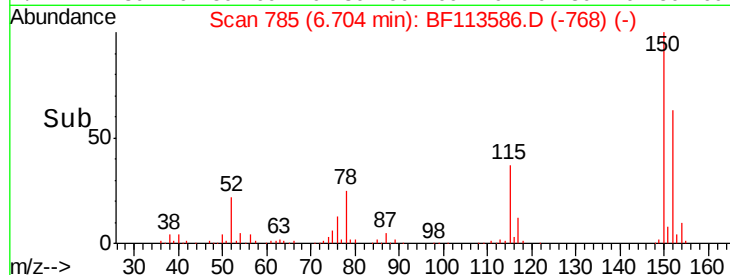
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.00 min
Lab File: BF113586.D
Acq: 2 Apr 2019 2:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:152 Resp: 128028
Ion Ratio Lower Upper
152 100
150 158.0 124.7 187.1
115 58.5 46.0 69.0



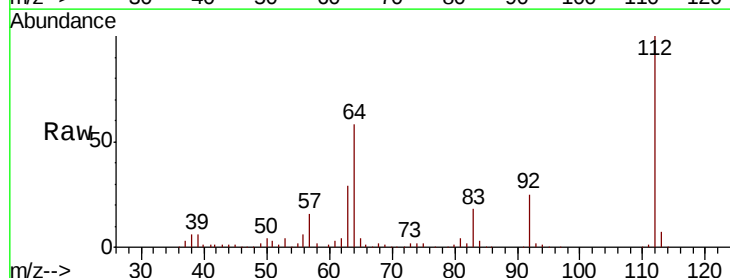
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



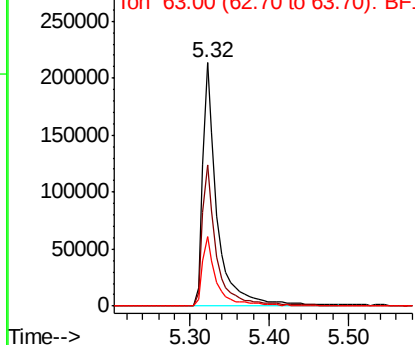
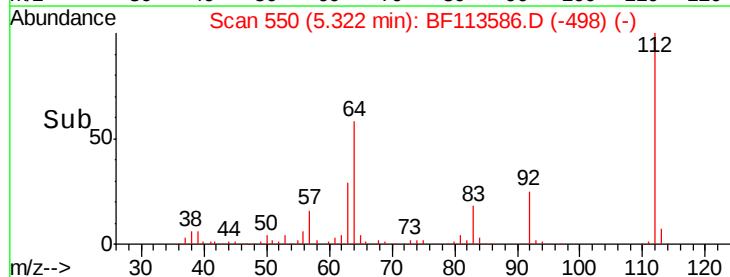
#5

2-Fluorophenol
Concen: 35.430 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF113586.D
Acq: 2 Apr 2019 2:54

Tgt Ion:112 Resp: 277411
Ion Ratio Lower Upper
112 100
64 58.1 49.2 73.8
63 28.7 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: 22.300 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF113586.D

Acq: 2 Apr 2019 2:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

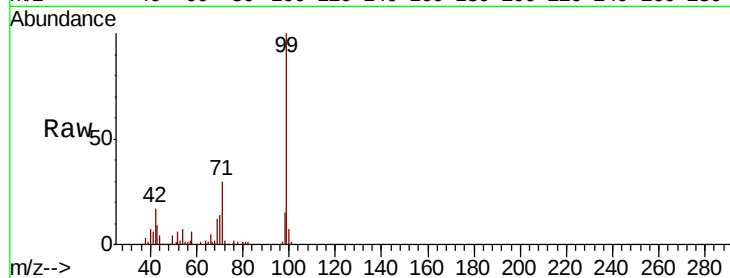
Tgt Ion: 99 Resp: 220883

Ion Ratio Lower Upper

99 100

42 16.7 14.8 22.2

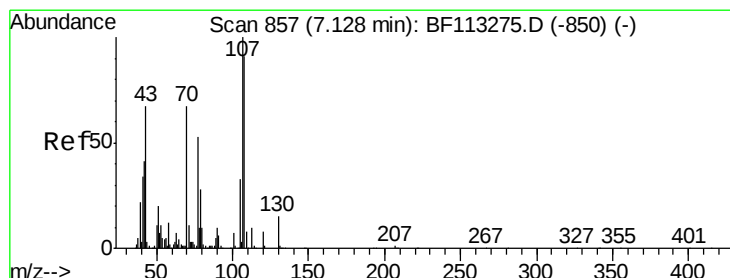
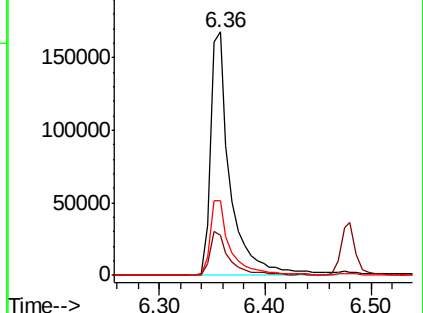
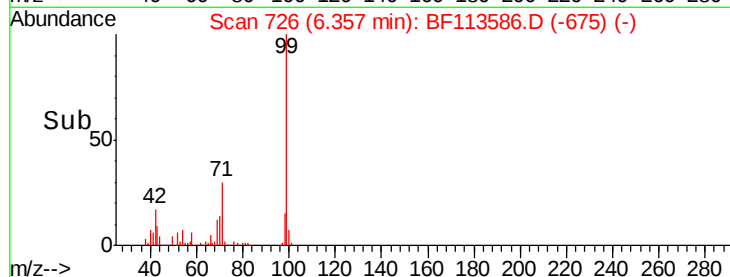
71 30.5 24.9 37.3



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: 14.961 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.14 min

Lab File: BF113586.D

Acq: 2 Apr 2019 2:54

Tgt Ion: 70 Resp: 93087

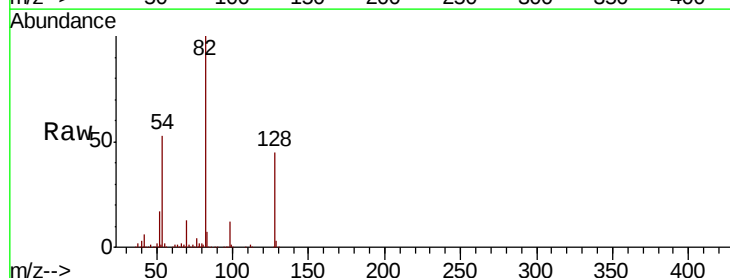
Ion Ratio Lower Upper

70 100

42 48.6 48.4 72.6

101 0.0 7.8 11.8#

130 2.1 18.2 27.4#

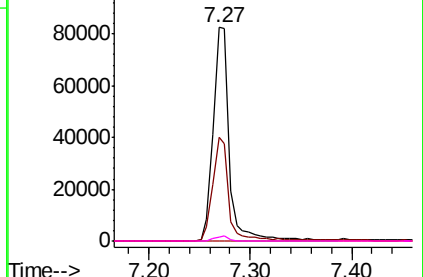
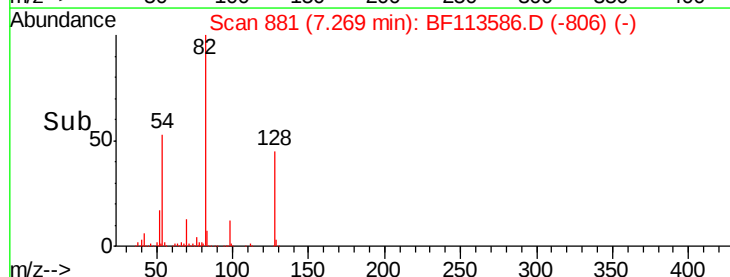


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 7.99 min Scan# 1003

Delta R.T. -0.00 min

Lab File: BF113586.D

Acq: 2 Apr 2019 2:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 136 Resp: 484215

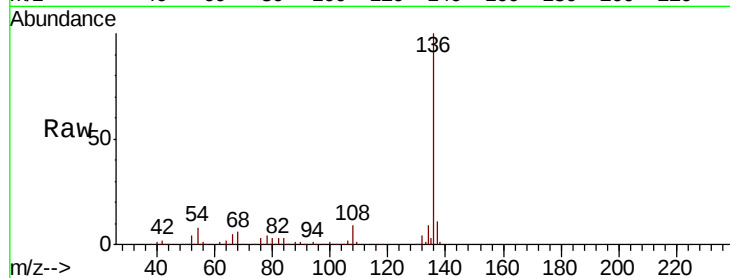
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 8.2 7.0 10.6

68 6.3 4.8 7.2

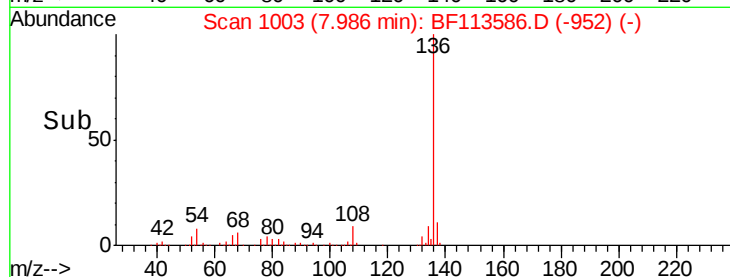


Abundance Ion 136.00 (135.70 to 136.70): E

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



600000

400000

300000

200000

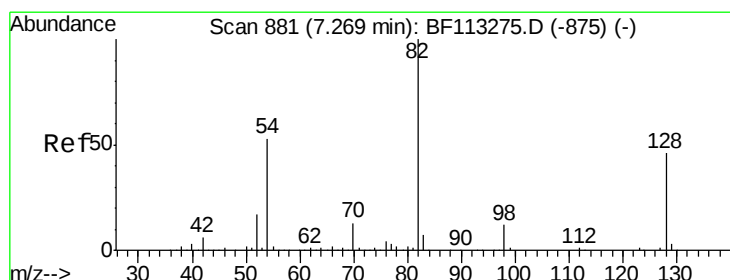
100000

0

7.99

Time-->

7.90 8.00 8.10 8.20 8.30



#23

Nitrobenzene-d5

Concen: 90.042 ng

RT: 7.27 min Scan# 882

Delta R.T. 0.01 min

Lab File: BF113586.D

Acq: 2 Apr 2019 2:54

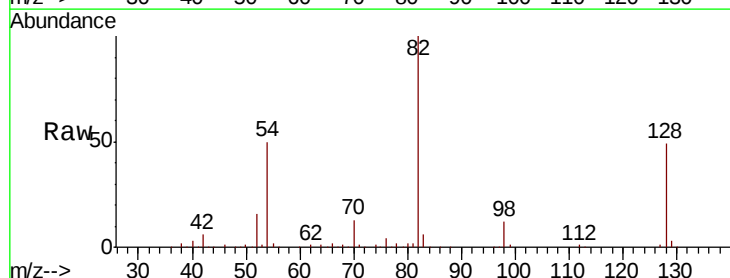
Tgt Ion: 82 Resp: 734573

Ion Ratio Lower Upper

82 100

128 49.4 36.5 54.7

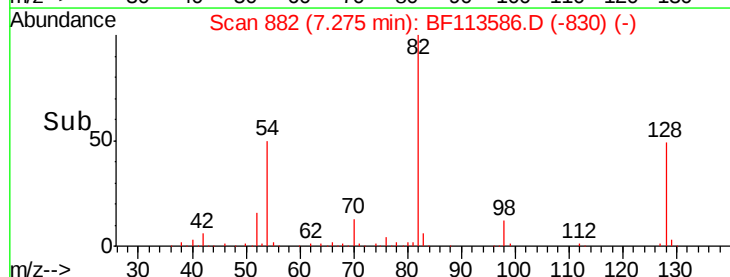
54 49.7 42.2 63.2



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



800000

600000

400000

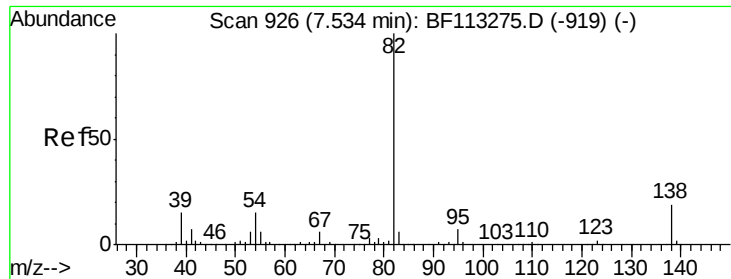
200000

0

7.27

Time-->

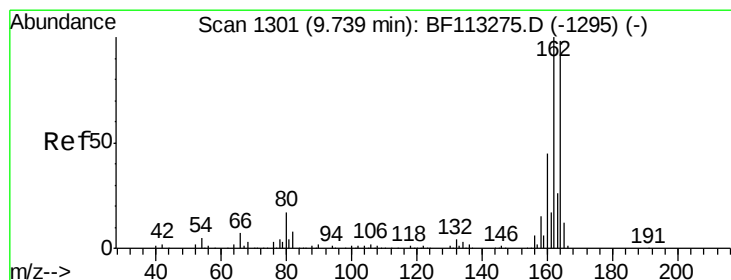
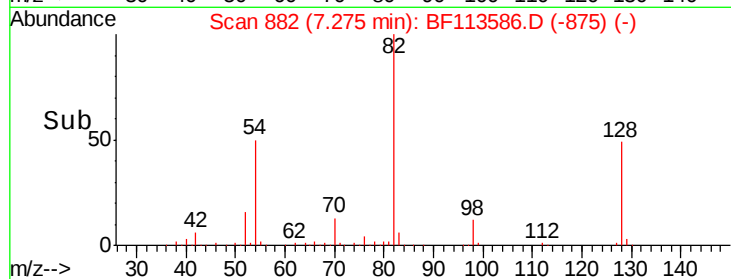
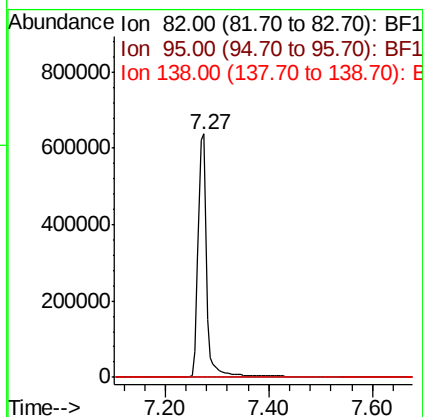
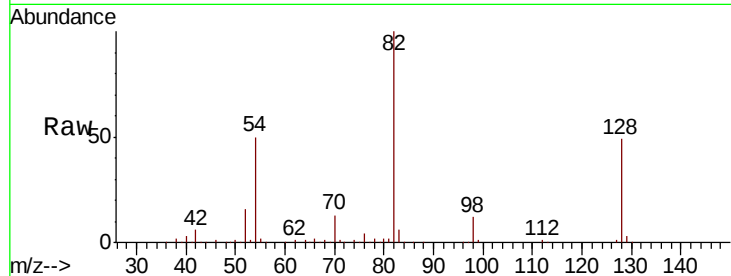
7.20 7.40 7.60



#25
Isophorone
Concen: 46.462 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.26 min
Lab File: BF113586.D
Acq: 2 Apr 2019 2:54

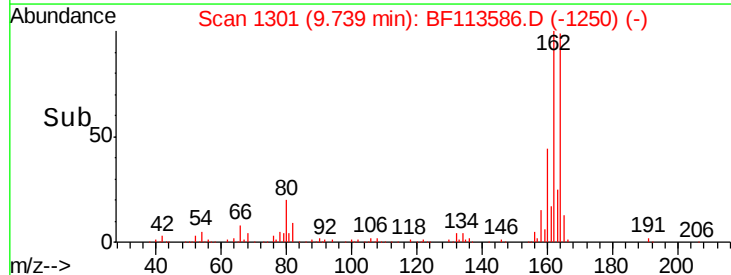
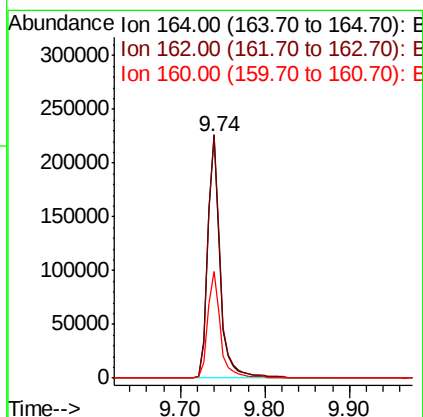
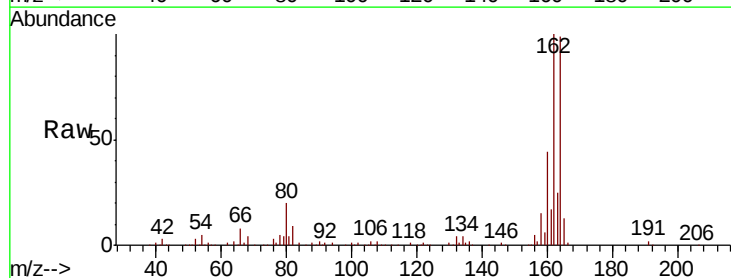
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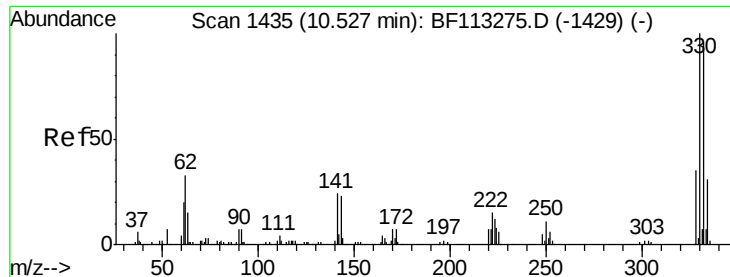
Tgt Ion: 82 Resp: 734570
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BF113586.D
Acq: 2 Apr 2019 2:54

Tgt Ion: 164 Resp: 230871
Ion Ratio Lower Upper
164 100
162 100.7 81.8 122.6
160 44.3 36.4 54.6

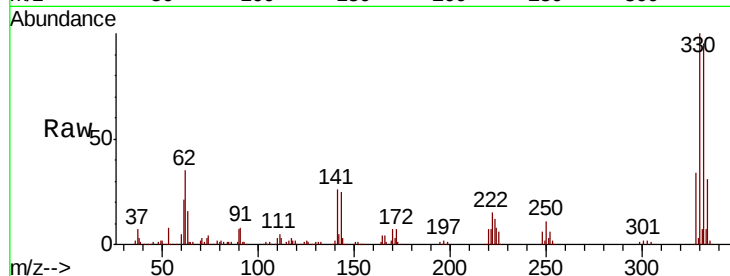




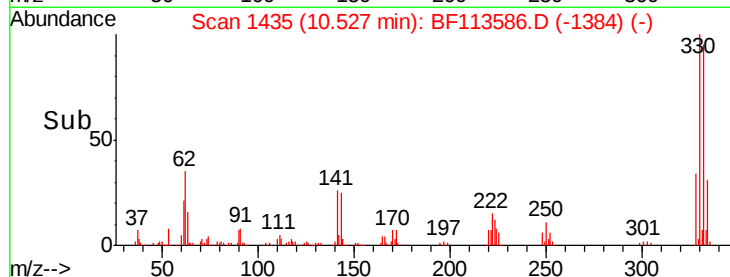
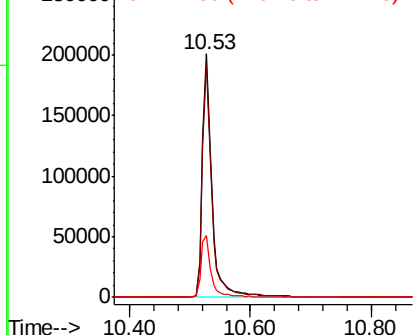
#42
 2,4,6-Tribromophenol
 Concen: 79.032 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: BF113586.D
 Acq: 2 Apr 2019 2:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:330 Resp: 225381
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.8 116.6
 141 26.7 22.7 34.1

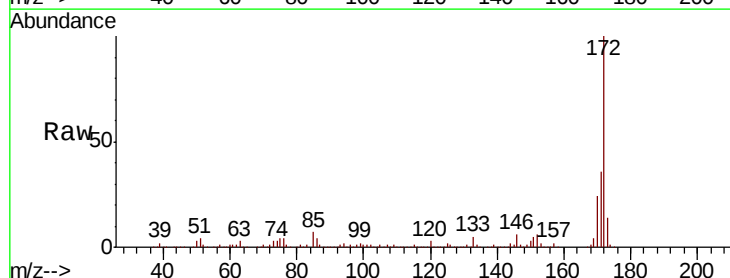


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

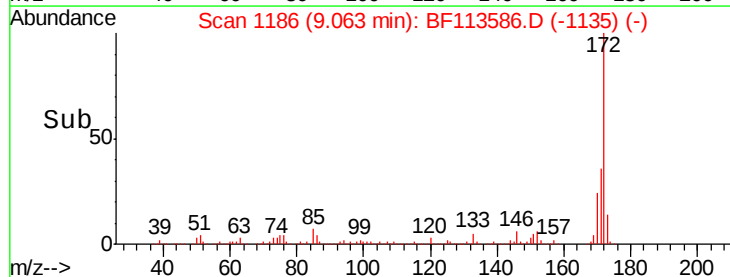
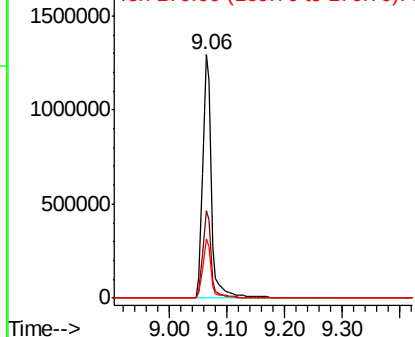


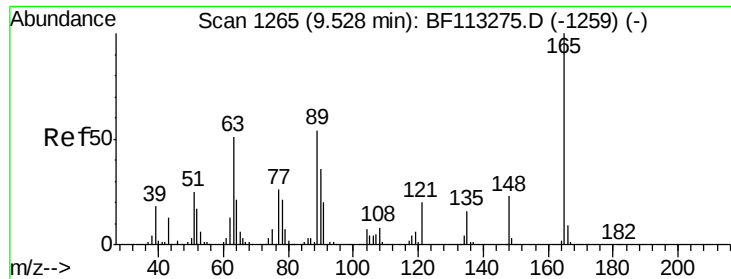
#45
 2-Fluorobiphenyl
 Concen: 98.604 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF113586.D
 Acq: 2 Apr 2019 2:54

Tgt Ion:172 Resp: 1410856
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.0 43.6
 170 24.3 19.5 29.3



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

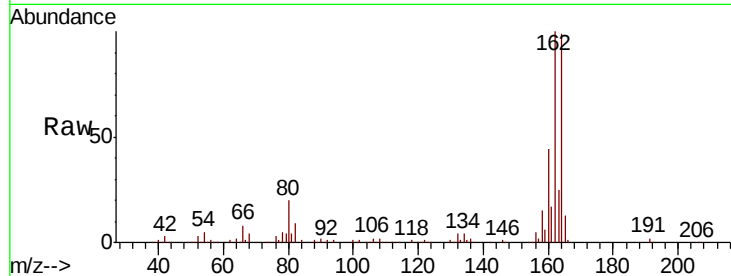




#51
 2,6-Dinitrotoluene
 Concen: 7.416 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. 0.21 min
 Lab File: BF113586.D
 Acq: 2 Apr 2019 2:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

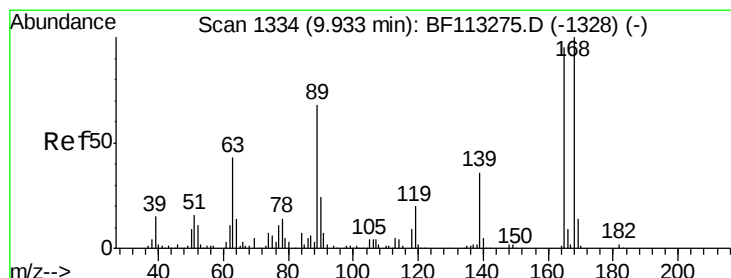
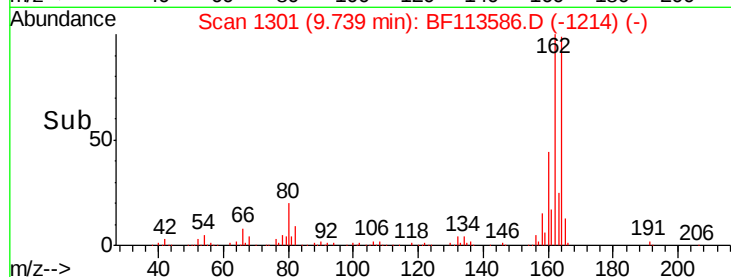
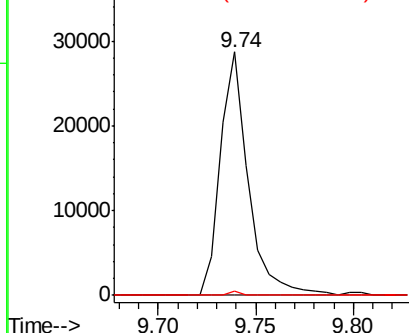
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.4	65.0#
89	1.5	43.1	64.7#



Abundance Ion 165.00 (164.70 to 165.70): E

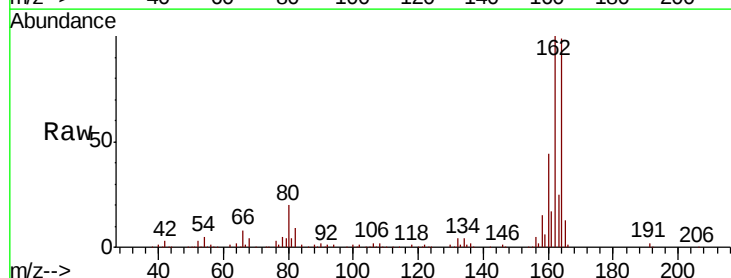
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#57
 2,4-Dinitrotoluene
 Concen: 5.831 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. -0.19 min
 Lab File: BF113586.D
 Acq: 2 Apr 2019 2:54

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	37.5	56.3#
89	1.5	57.4	86.2#
182	0.0	2.0	3.0#

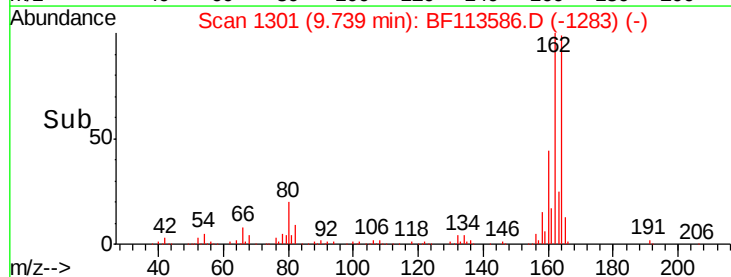
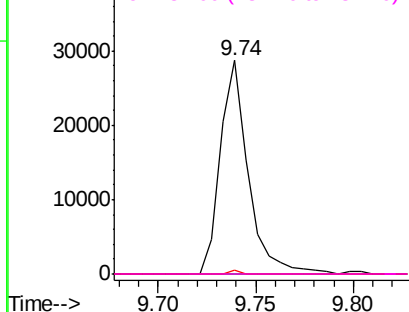


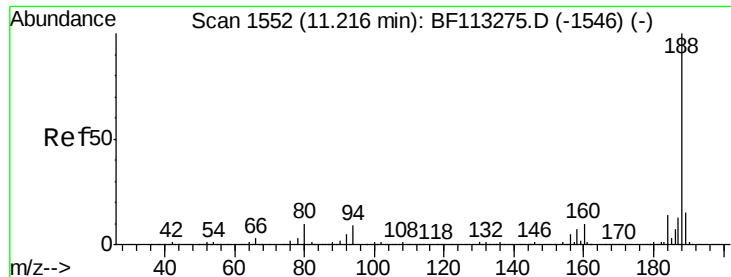
Abundance Ion 165.00 (164.70 to 165.70): E

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

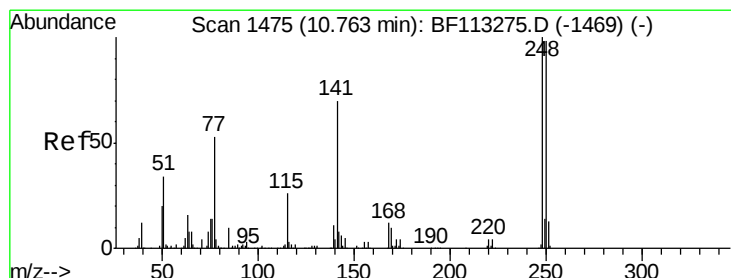
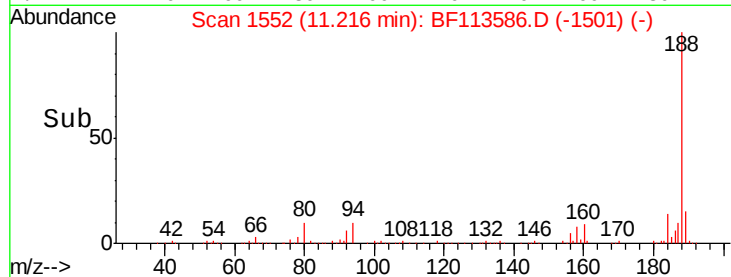
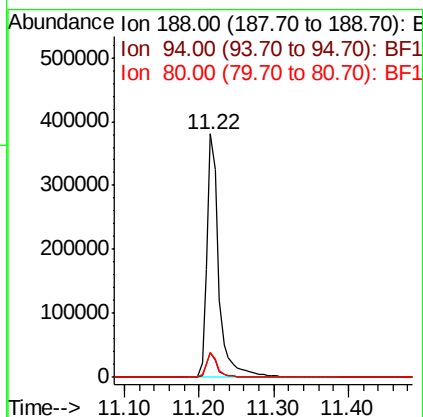
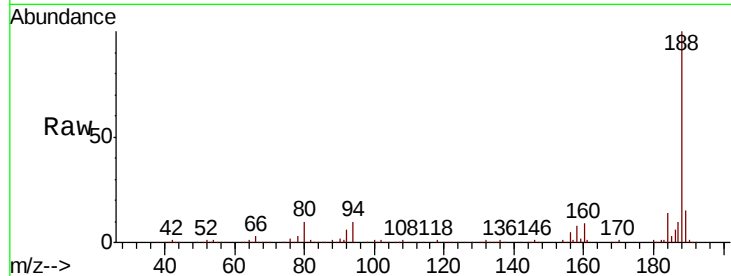




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.00 min
Lab File: BF113586.D
Acq: 2 Apr 2019 2:54

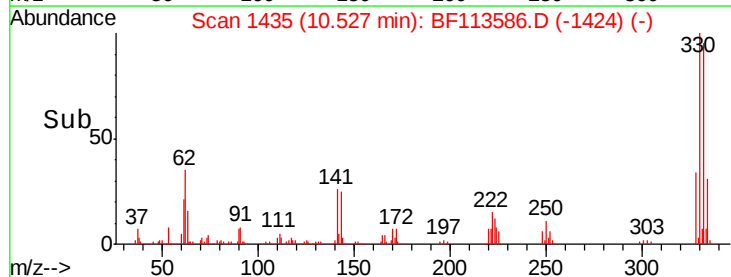
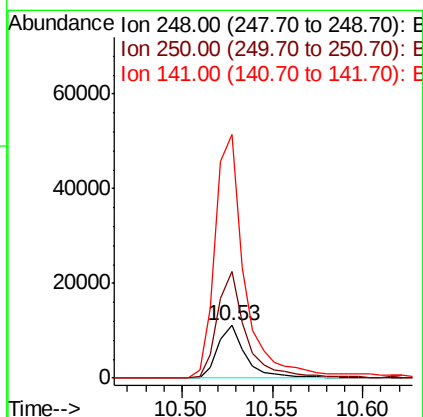
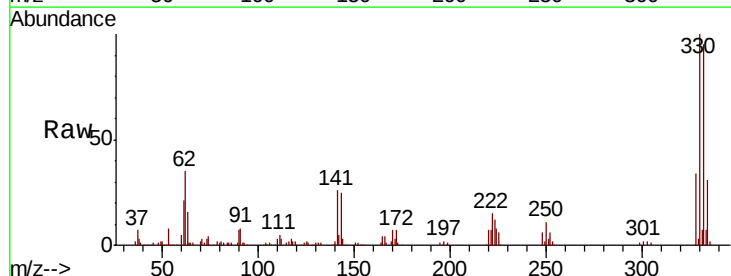
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

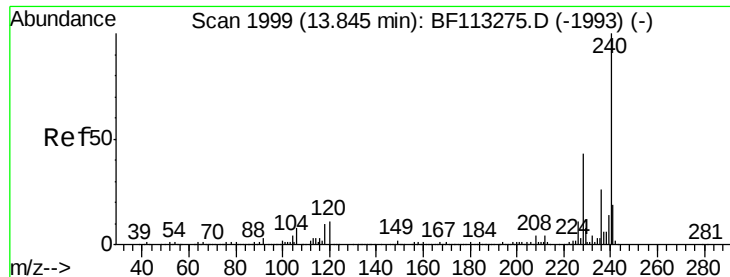
Tgt Ion:188 Resp: 424318
Ion Ratio Lower Upper
188 100
94 10.0 7.0 10.6
80 10.3 7.7 11.5



#67
4-Bromophenyl-phenylether
Concen: 2.571 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.24 min
Lab File: BF113586.D
Acq: 2 Apr 2019 2:54

Tgt Ion:248 Resp: 11889
Ion Ratio Lower Upper
248 100
250 203.4 78.3 117.5#
141 464.7 56.2 84.4#

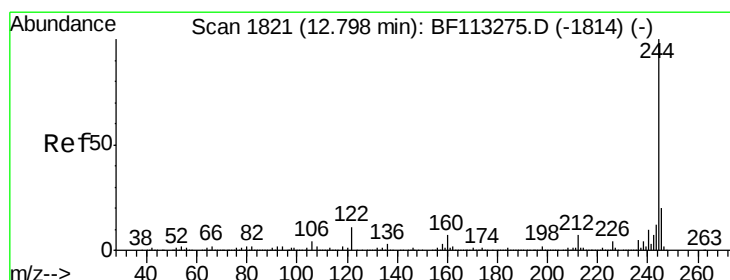
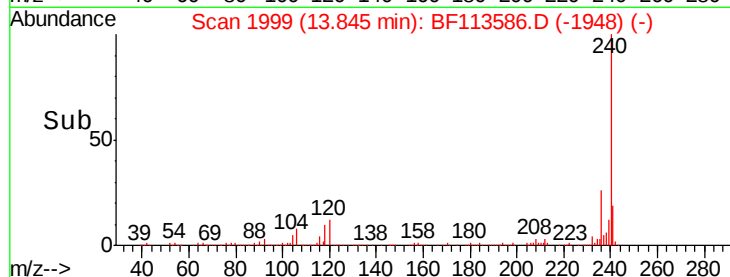
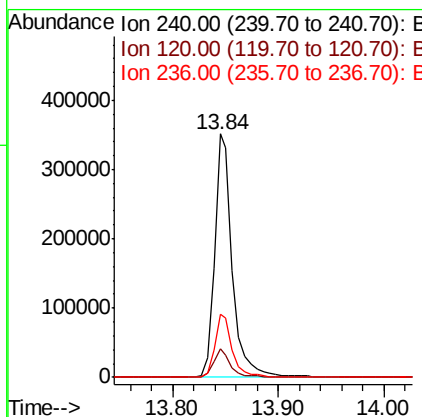
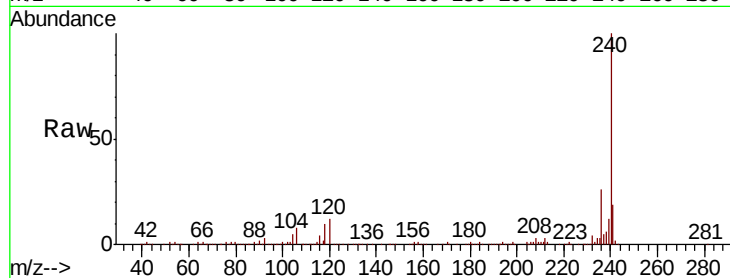




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1999
Delta R.T. -0.00 min
Lab File: BF113586.D
Acq: 2 Apr 2019 2:54

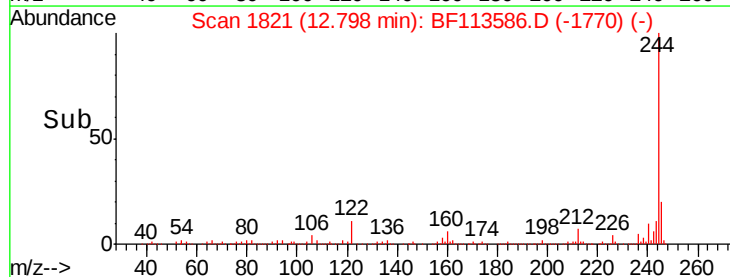
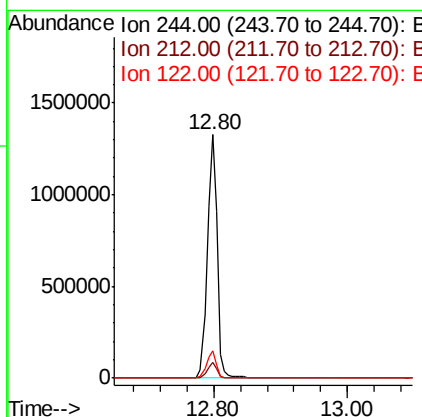
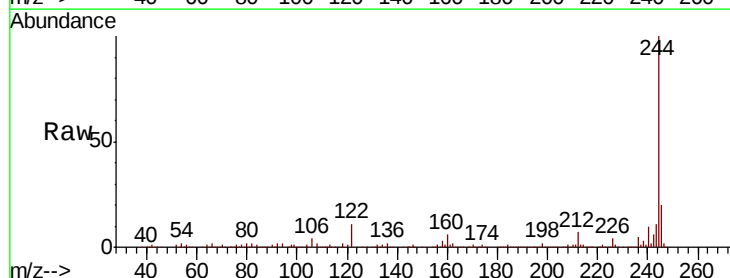
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

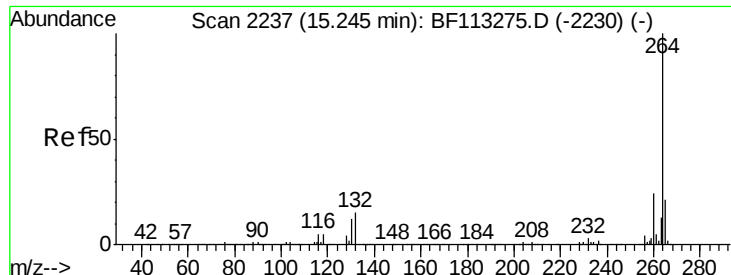
Tgt Ion:240 Resp: 415620
Ion Ratio Lower Upper
240 100
120 11.5 8.8 13.2
236 25.9 20.9 31.3



#79
Terphenyl-d14
Concen: 71.579 ng
RT: 12.80 min Scan# 1821
Delta R.T. 0.00 min
Lab File: BF113586.D
Acq: 2 Apr 2019 2:54

Tgt Ion:244 Resp: 1349693
Ion Ratio Lower Upper
244 100
212 6.5 5.5 8.3
122 11.1 8.6 13.0

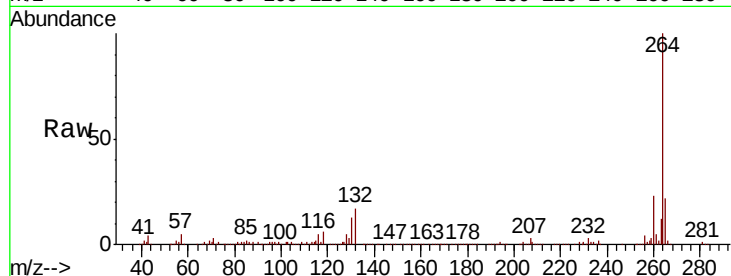




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2239
Delta R.T. 0.01 min
Lab File: BF113586.D
Acq: 2 Apr 2019 2:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.1	28.7
265	21.7	17.1	25.7



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

