

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082719\
 Data File : BF116584.D
 Acq On : 27 Aug 2019 14:46
 Operator : HP/JU
 Sample : K4506-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 28 06:35:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 23 13:38:31 2019
 Response via : Initial Calibration

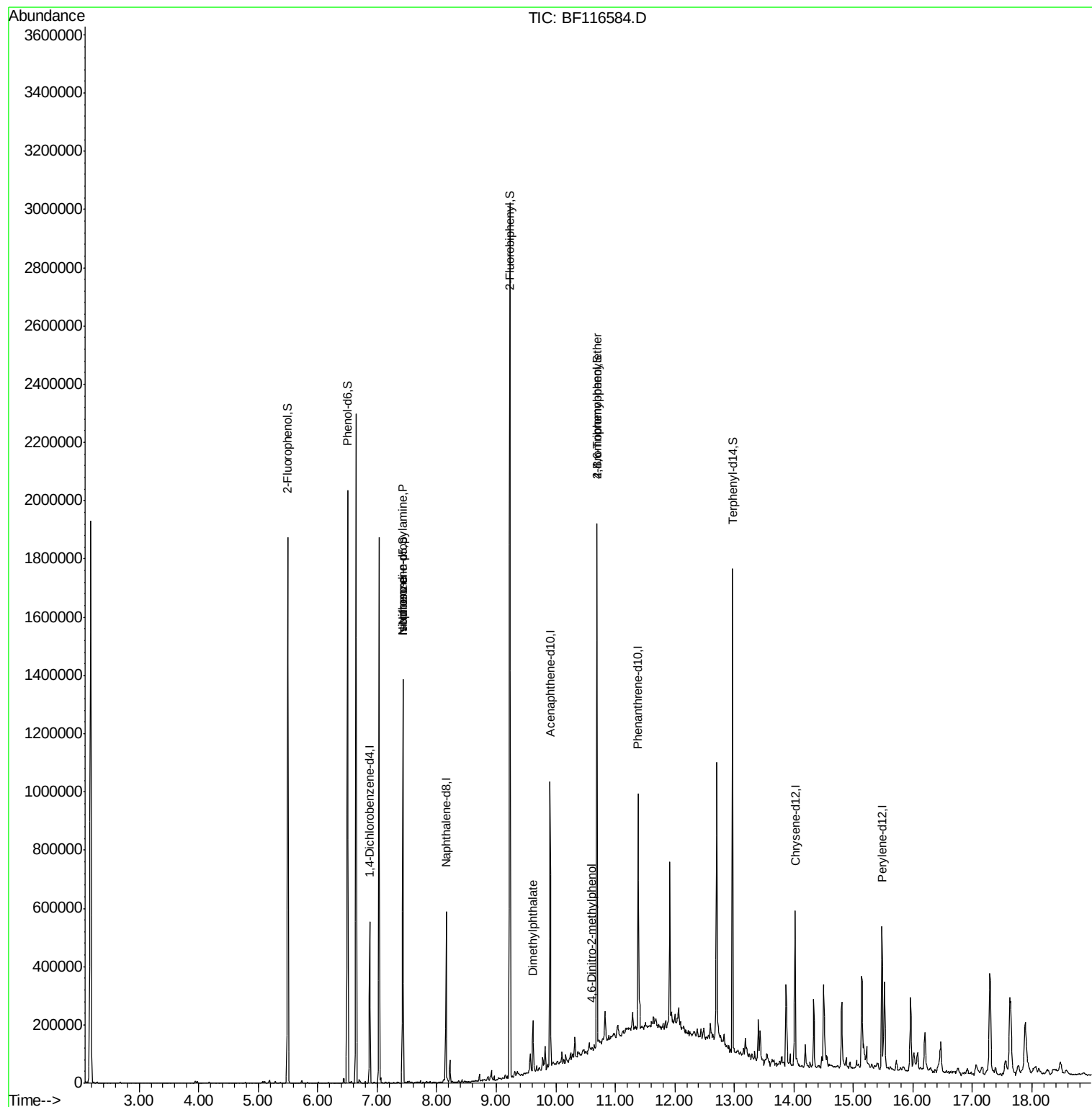
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	69575	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	259044	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	176733	20.00	ng	-0.01
64) Phenanthrene-d10	11.39	188	264300	20.00	ng	-0.01
76) Chrysene-d12	14.02	240	160524	20.00	ng	-0.01
87) Perylene-d12	15.48	264	212042	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	544057	114.26	ng	0.00
7) Phenol-d6	6.50	99	721442	123.57	ng	0.00
23) Nitrobenzene-d5	7.43	82	457552	96.63	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	192507	126.85	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	835034	76.09	ng	-0.01
79) Terphenyl-d14	12.97	244	528093	61.45	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.43	70	62001	15.563	ng	# 78
25) Isophorone	7.43	82	457372	49.017	ng	# 67
50) Dimethylphthalate	9.62	163	50050	4.059	ng	98
65) 4,6-Dinitro-2-methylphenol	10.62	198	107	7.090	ng	# 1
67) 4-Bromophenyl-phenylether	10.69	248	12608	4.550	ng	# 1

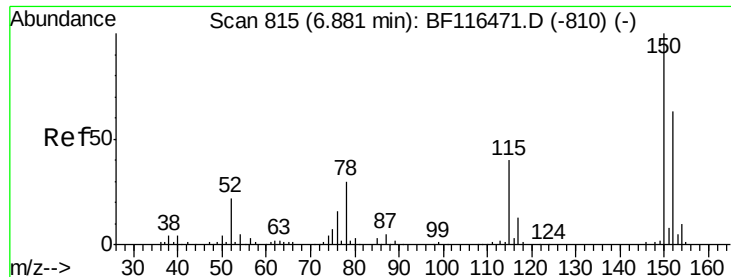
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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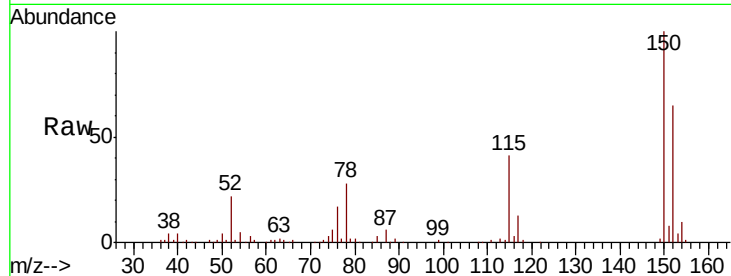


#1

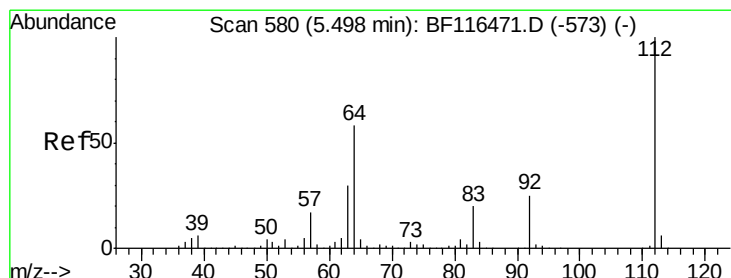
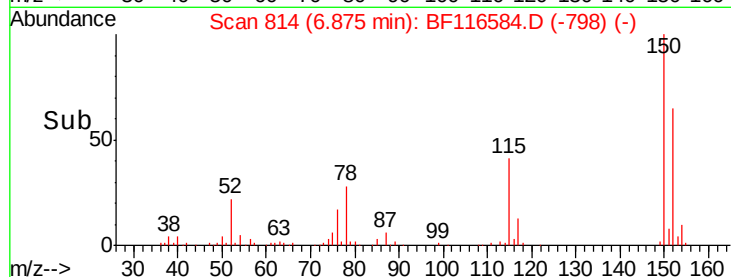
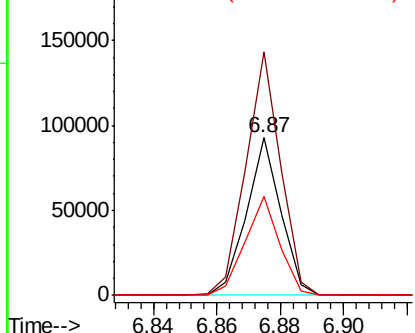
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF116584.D
Acq: 27 Aug 2019 14:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 69575
Ion Ratio Lower Upper
152 100
150 154.8 126.7 190.1
115 63.3 50.9 76.3



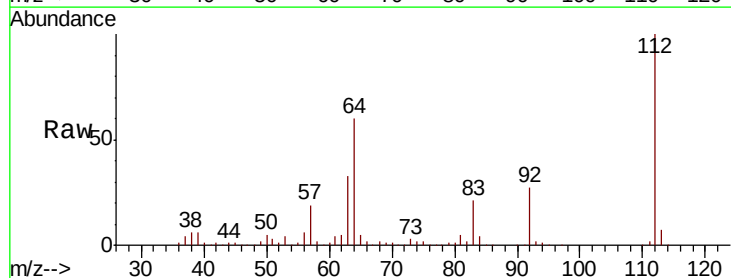
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



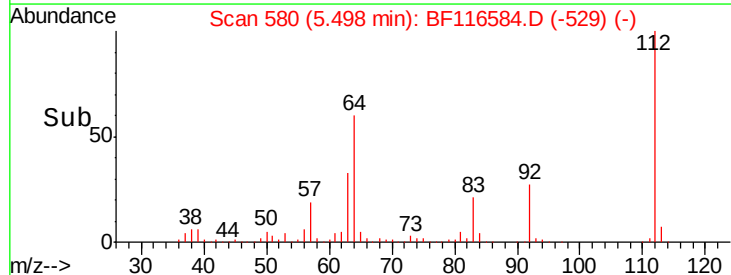
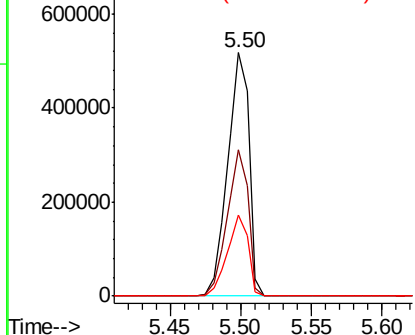
#5

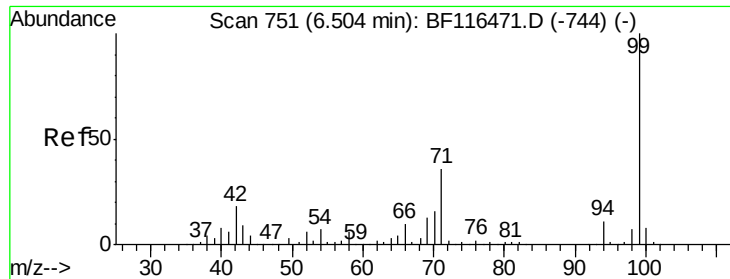
2-Fluorophenol
Concen: 114.258 ng
RT: 5.50 min Scan# 580
Delta R.T. -0.00 min
Lab File: BF116584.D
Acq: 27 Aug 2019 14:46

Tgt Ion:112 Resp: 544057
Ion Ratio Lower Upper
112 100
64 59.9 46.3 69.5
63 33.4 24.2 36.4



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: 123.566 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF116584.D

Acq: 27 Aug 2019 14:46

Instrument :
BNA_F
ClientSampled :

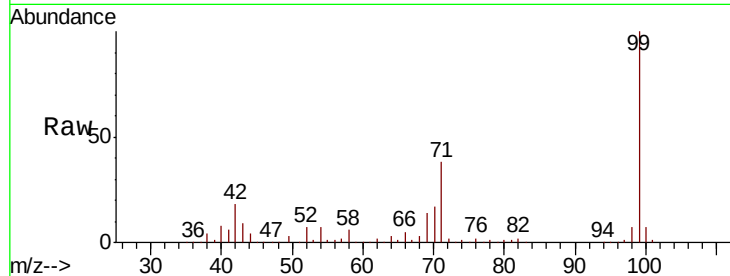
Tot Ion: 99 Resp: 721442

Ion Ratio Lower Upper

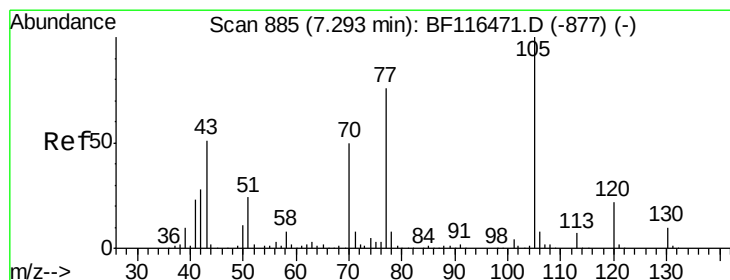
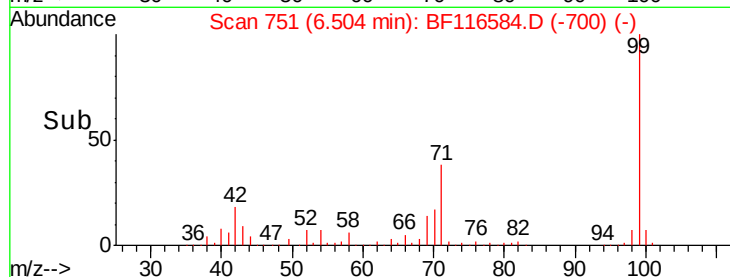
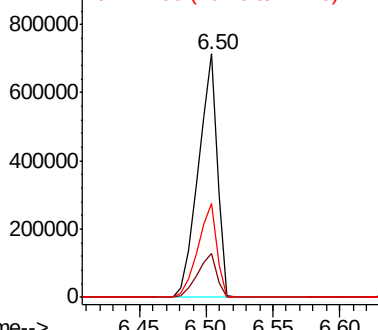
99 100

42 18.2 14.6 21.8

71 38.4 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: 15.563 ng

RT: 7.43 min Scan# 909

Delta R.T. 0.14 min

Lab File: BF116584.D

Acq: 27 Aug 2019 14:46

Tgt Ion: 70 Resp: 62001

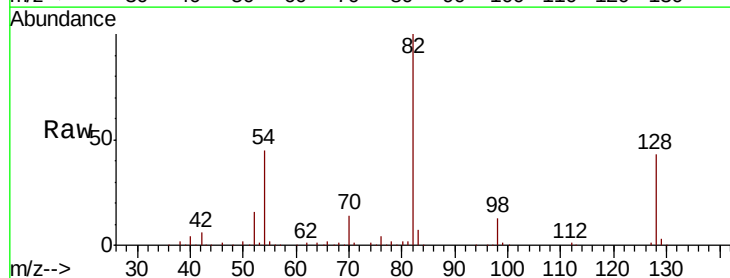
Ion Ratio Lower Upper

70 100

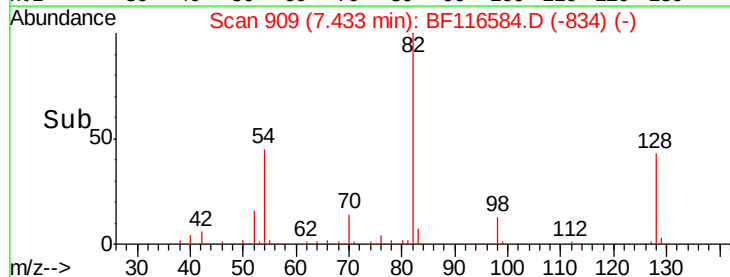
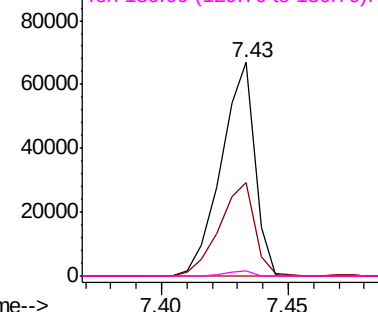
42 43.9 44.4 66.6#

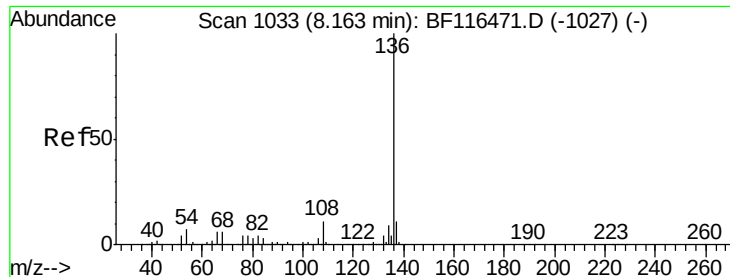
101 0.0 7.1 10.7#

130 2.1 15.8 23.8#



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

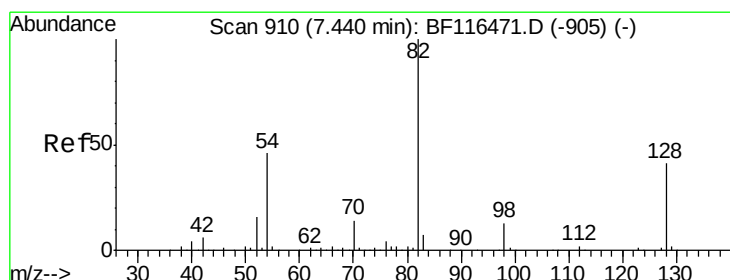
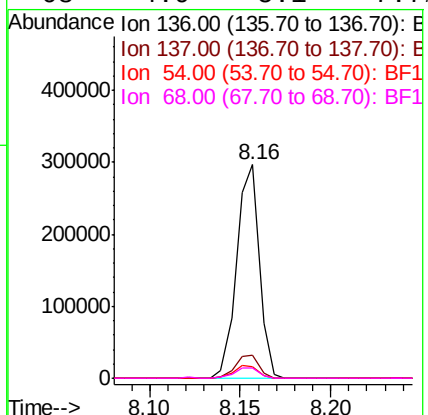
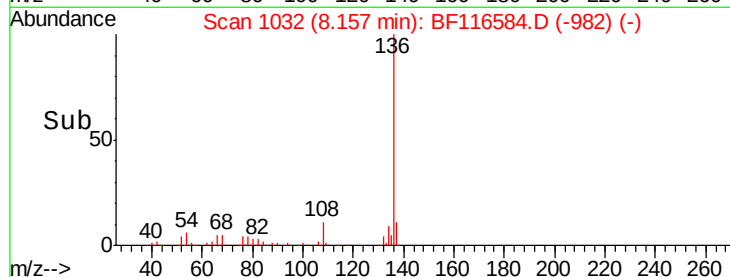
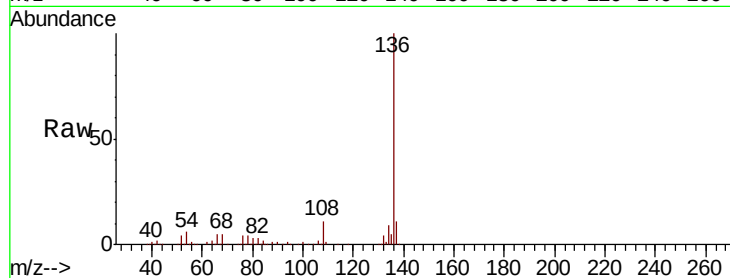




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF116584.D
Acq: 27 Aug 2019 14:46

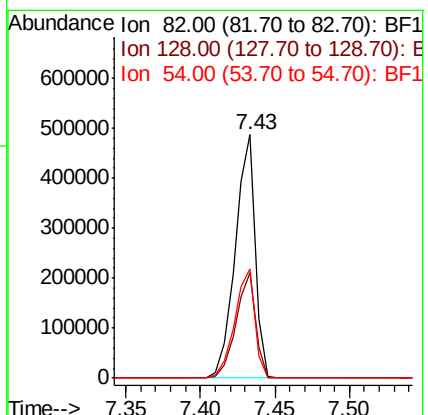
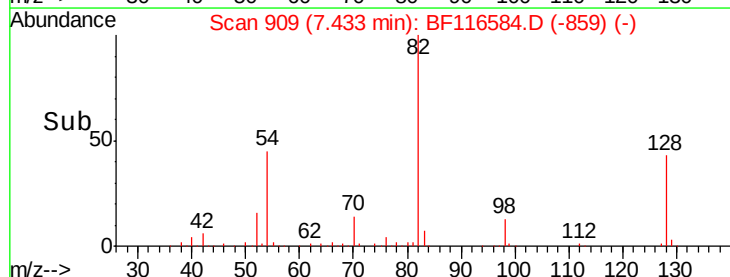
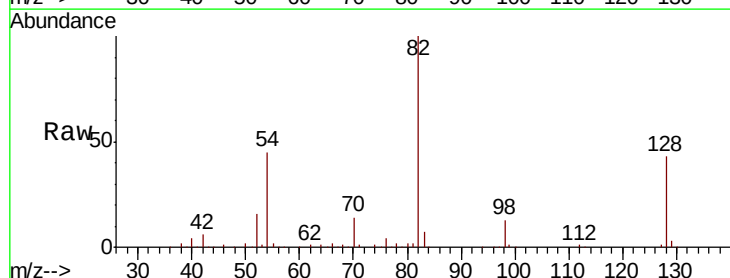
Instrument :
BNA_F
ClientSampleId :

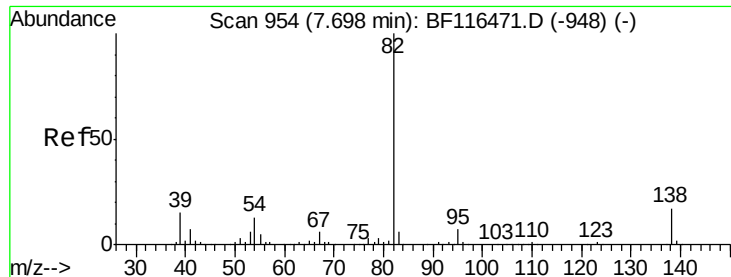
Tot Ion:136	Resp:	259044
Ion Ratio	Lower	Upper
136 100		
137 10.9	9.0	13.4
54 5.6	5.8	8.6#
68 4.9	5.1	7.7#



#23
Nitrobenzene-d5
Concen: 96.635 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF116584.D
Acq: 27 Aug 2019 14:46

Tgt	Ion: 82	Resp:	457552
Ion	Ratio	Lower	Upper
82	100		
128	43.4	32.2	48.4
54	45.0	36.5	54.7





#25

Isophorone

Concen: 49.017 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.26 min

Lab File: BF116584.D

Acq: 27 Aug 2019 14:46

Instrument :

BNA_F

ClientSampleId :

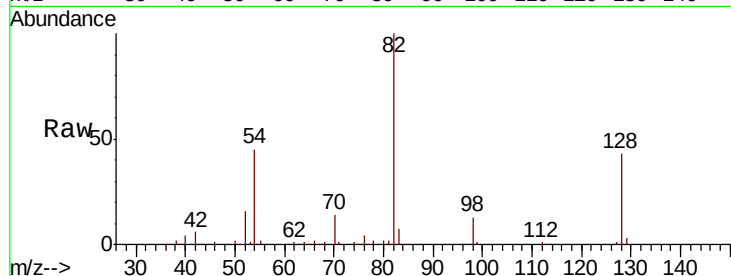
Tot Ion: 82 Resp: 457372

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

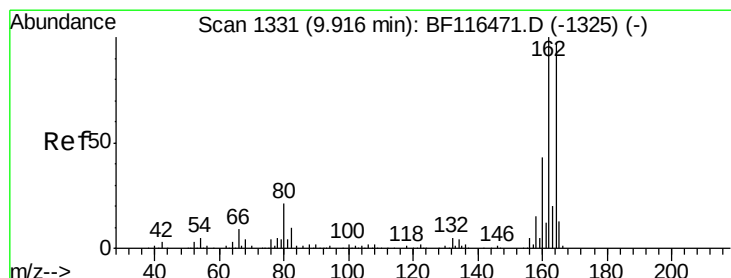
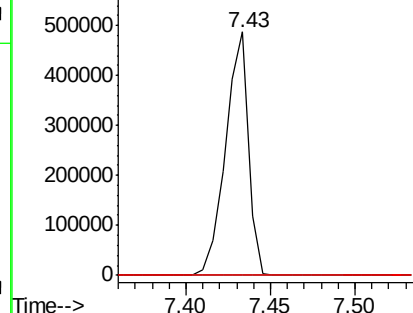
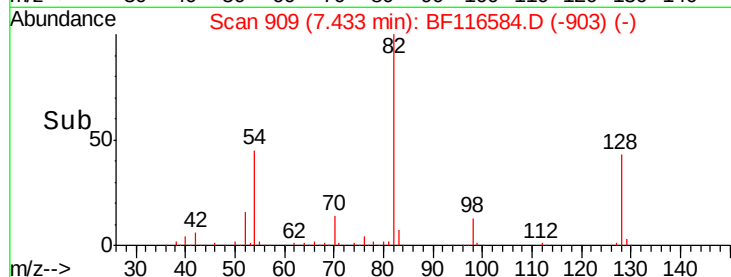
138 0.0 13.3 19.9#



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. -0.01 min

Lab File: BF116584.D

Acq: 27 Aug 2019 14:46

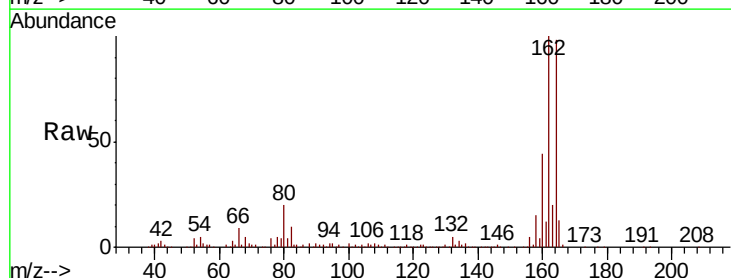
Tgt Ion:164 Resp: 176733

Ion Ratio Lower Upper

164 100

162 101.9 82.6 123.8

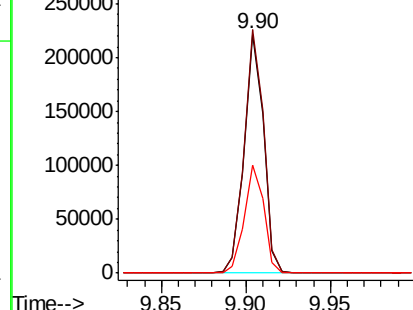
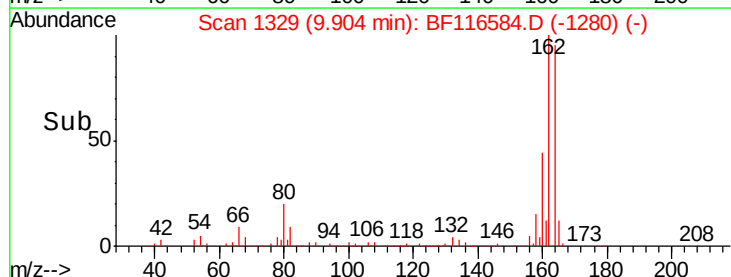
160 45.3 35.8 53.8

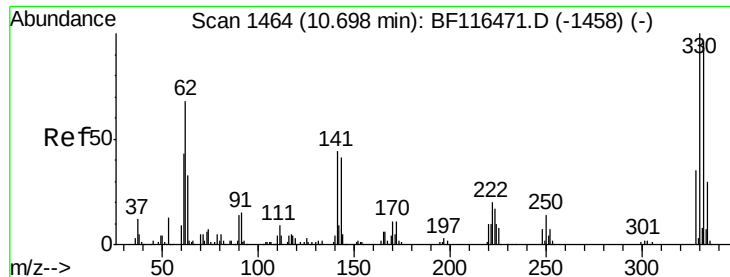


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 126.853 ng

RT: 10.69 min Scan# 1463

Delta R.T. -0.01 min

Lab File: BF116584.D

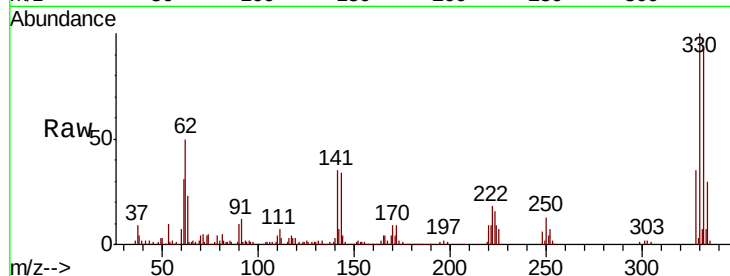
Acq: 27 Aug 2019 14:46

Instrument :

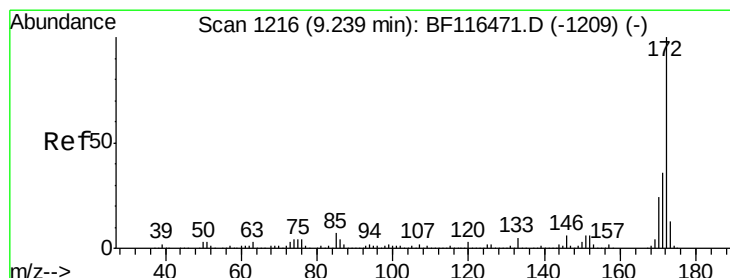
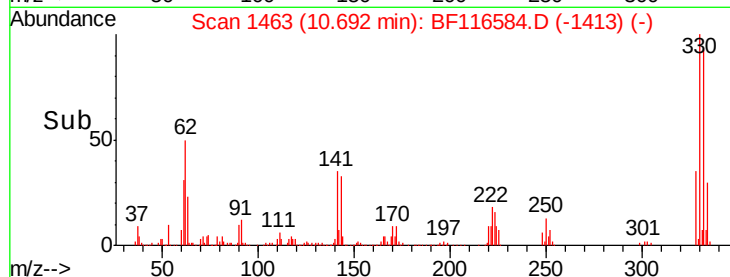
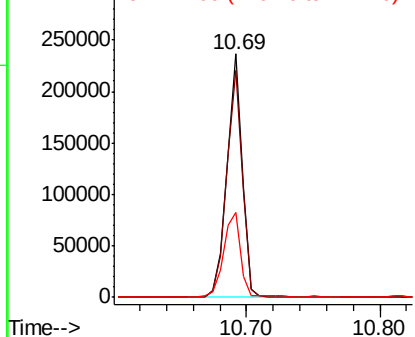
BNA_F

ClientSampleId :

Tot Ion:	330	Resp:	192507
Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.2	115.8
141	38.9	33.3	49.9



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: 76.089 ng

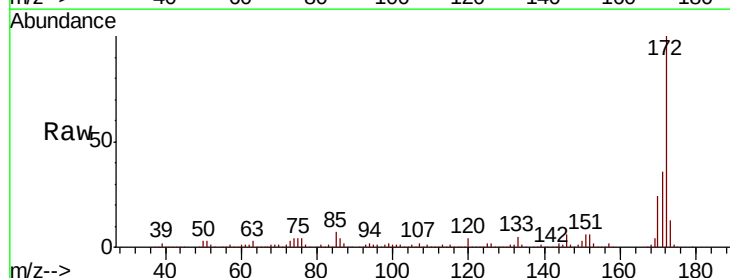
RT: 9.23 min Scan# 1214

Delta R.T. -0.01 min

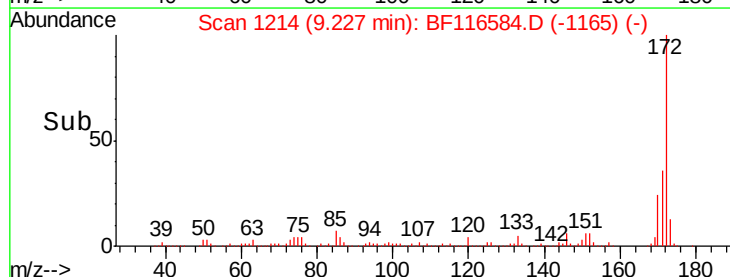
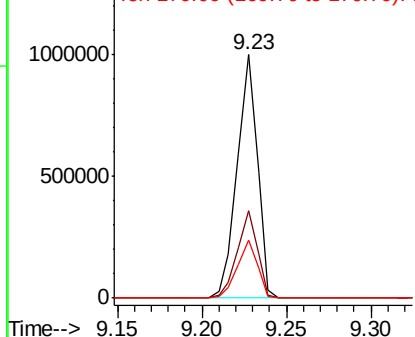
Lab File: BF116584.D

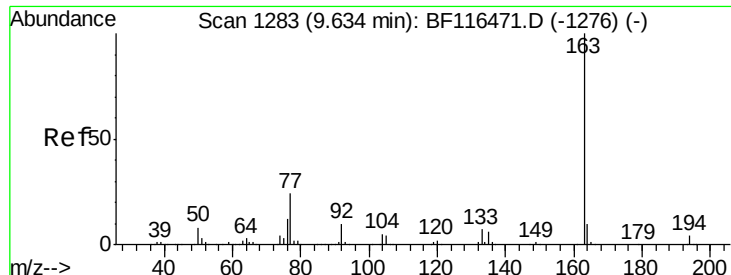
Acq: 27 Aug 2019 14:46

Tgt Ion:	172	Resp:	835034
Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.9	43.3
170	24.1	19.4	29.0



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

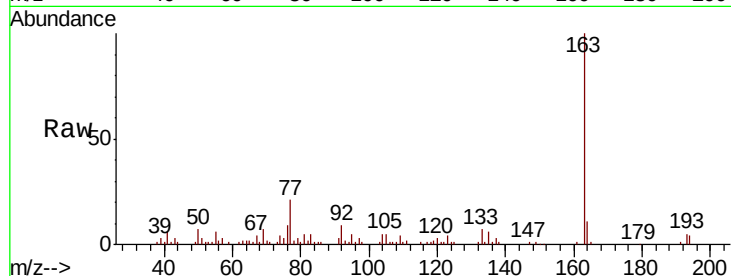




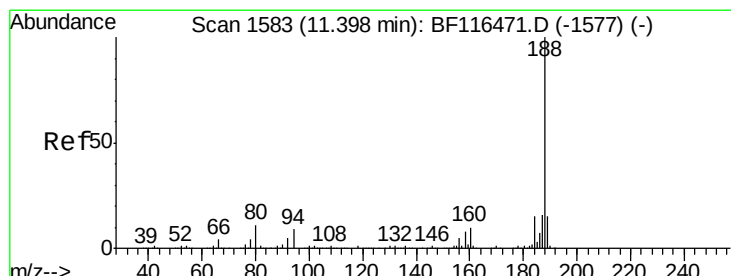
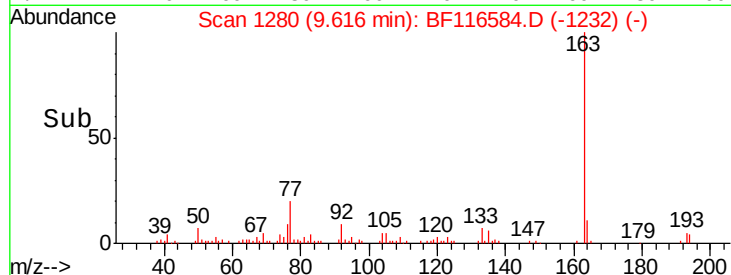
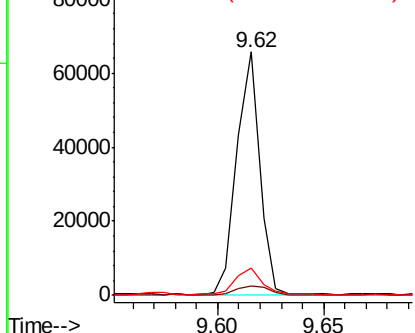
#50
Dimethylphthalate
Concen: 4.059 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BF116584.D
Acq: 27 Aug 2019 14:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 50050
Ion Ratio Lower Upper
163 100
194 4.1 2.9 4.3
164 11.2 8.2 12.2

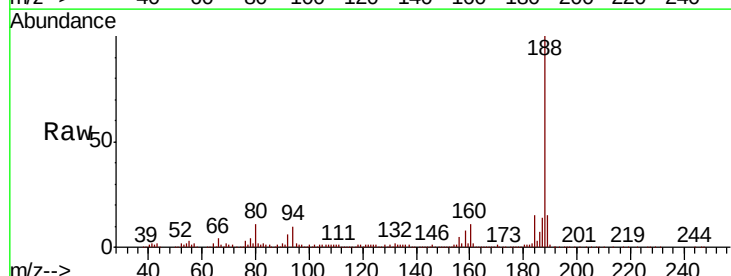


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

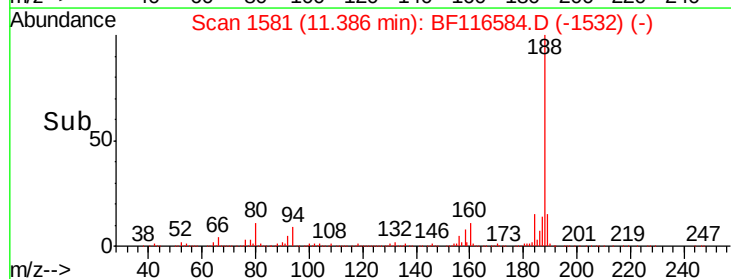
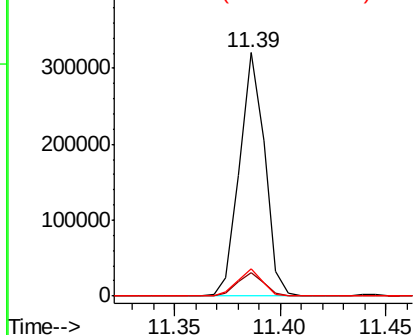


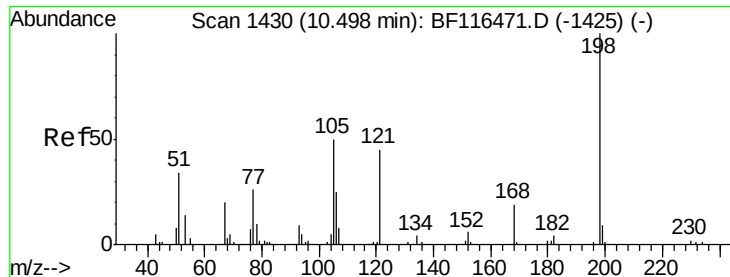
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF116584.D
Acq: 27 Aug 2019 14:46

Tgt Ion:188 Resp: 264300
Ion Ratio Lower Upper
188 100
94 9.8 7.4 11.2
80 11.1 8.6 12.8



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

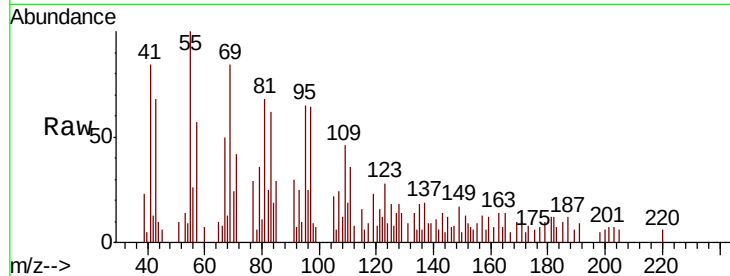




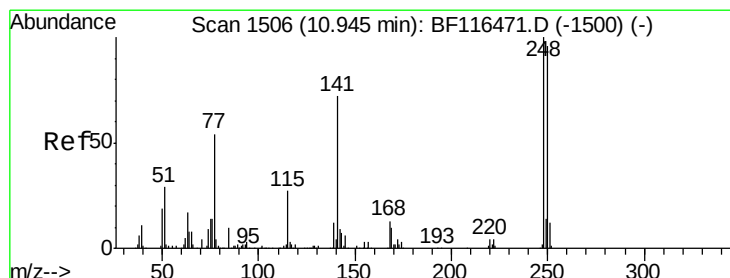
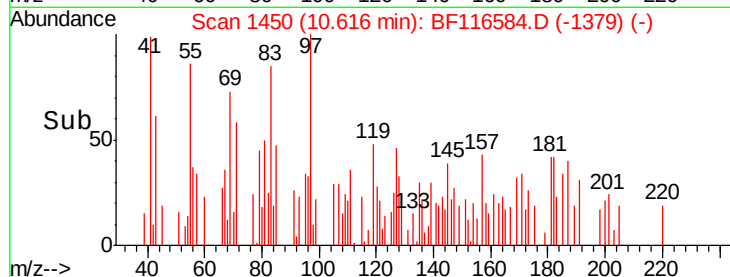
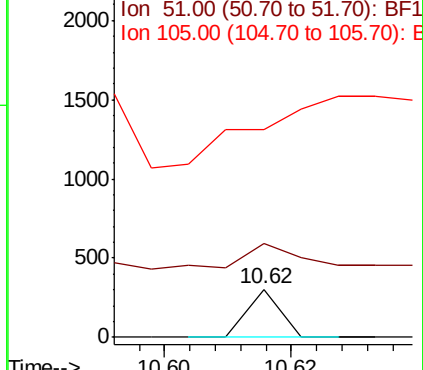
#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.090 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. 0.12 min
 Lab File: BF116584.D
 Acq: 27 Aug 2019 14:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:198 Resp: 107
 Ion Ratio Lower Upper
 198 100
 51 195.0 30.4 70.4#
 105 432.3 32.8 72.8#

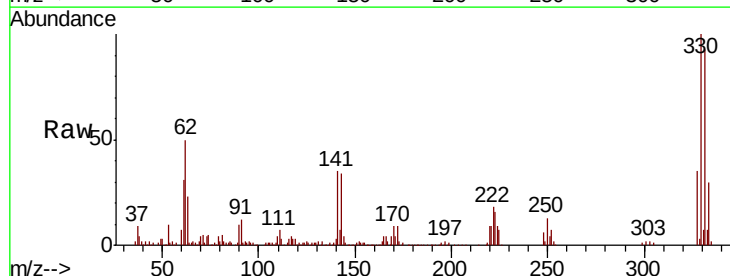


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

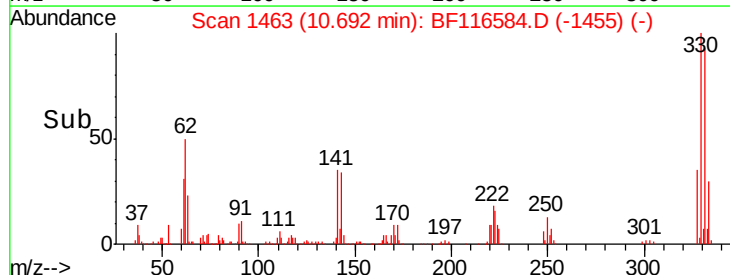
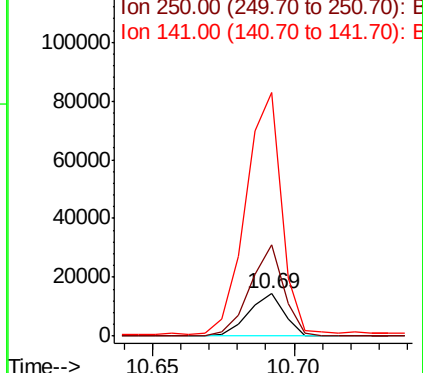


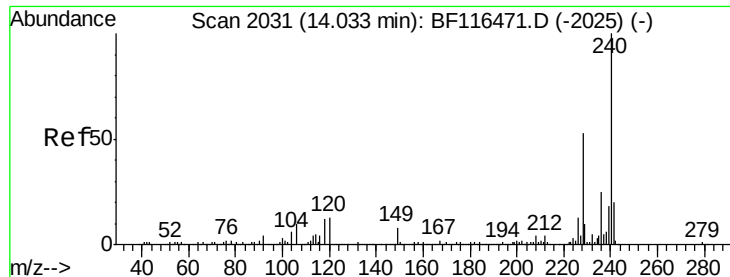
#67
 4-Bromophenyl-phenylether
 Concen: 4.550 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.25 min
 Lab File: BF116584.D
 Acq: 27 Aug 2019 14:46

Tgt Ion:248 Resp: 12608
 Ion Ratio Lower Upper
 248 100
 250 213.5 77.0 115.6#
 141 573.2 57.4 86.0#



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: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF116584.D

Acq: 27 Aug 2019 14:46

Instrument :

BNA_F

ClientSampleId :

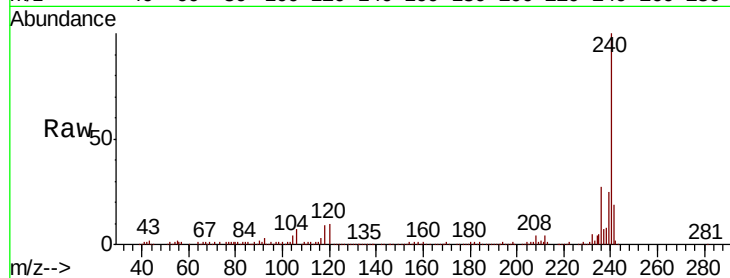
Tot Ion:240 Resp: 160524

Ion Ratio Lower Upper

240 100

120 10.5 10.5 15.7#

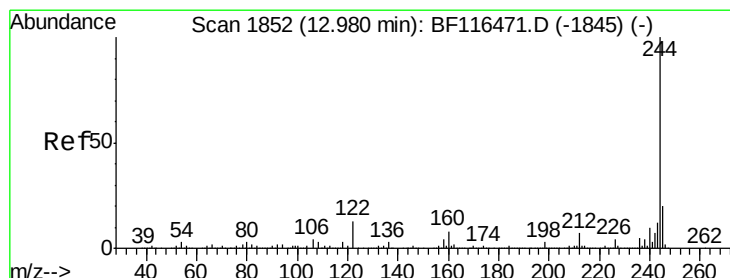
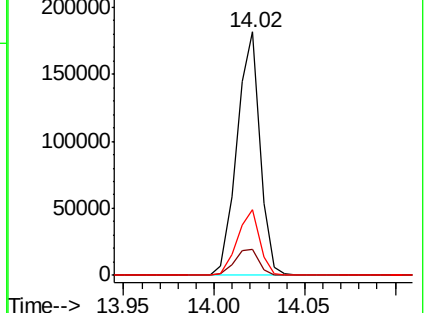
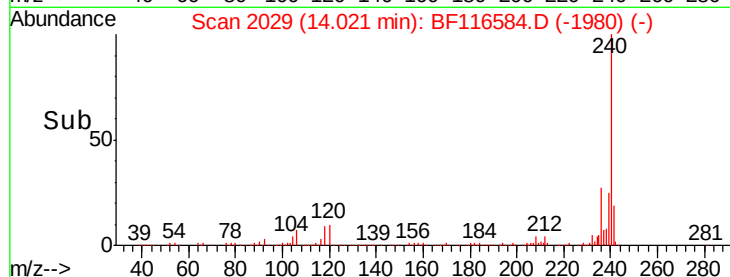
236 26.8 20.2 30.2



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: 61.450 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BF116584.D

Acq: 27 Aug 2019 14:46

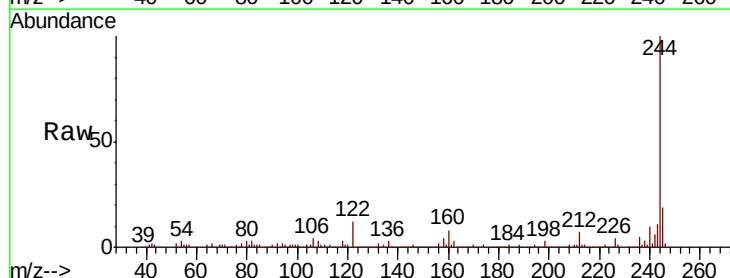
Tgt Ion:244 Resp: 528093

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

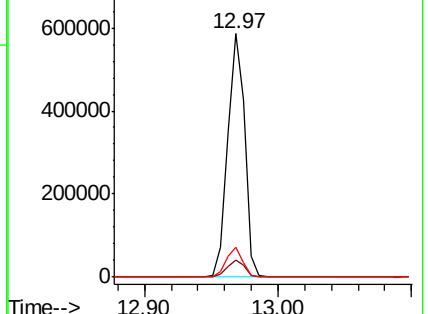
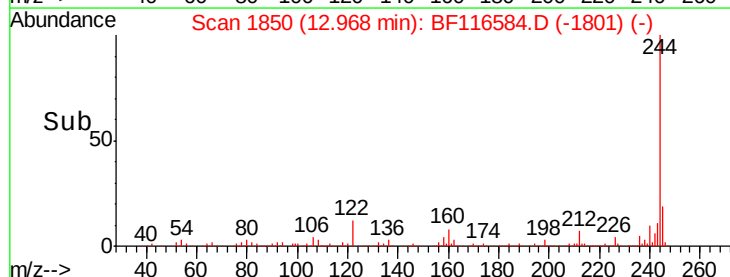
122 12.3 10.2 15.4

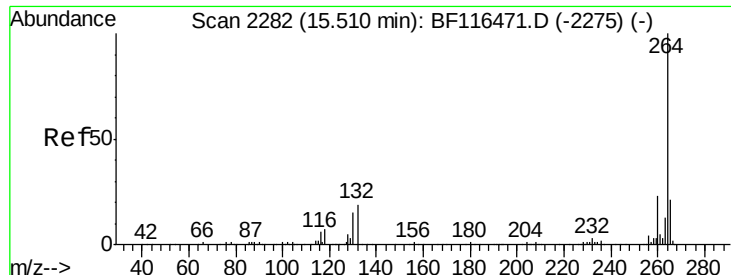


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

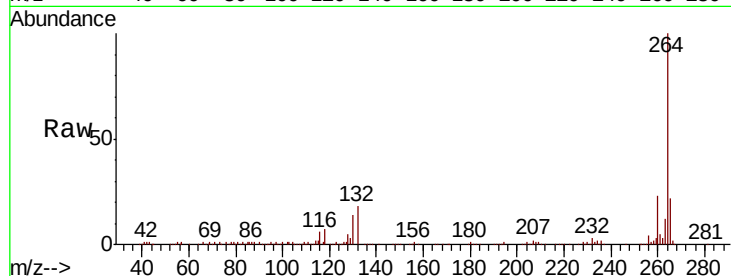




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.48 min Scan# 2277
Delta R.T. -0.03 min
Lab File: BF116584.D
Acq: 27 Aug 2019 14:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.8	28.2
265	22.0	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

