

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061219\
 Data File : BF114975.D
 Acq On : 12 Jun 2019 15:31
 Operator : HP/JU
 Sample : PB120267BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB120267BL

Quant Time: Jun 13 03:12:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 12 15:42:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	280589	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	1089169	20.00	ng	0.00
39) Acenaphthene-d10	9.67	164	537859	20.00	ng	0.00
64) Phenanthrene-d10	11.15	188	1068671	20.00	ng	0.00
76) Chrysene-d12	13.77	240	815113	20.00	ng	-0.01
87) Perylene-d12	15.16	264	749604	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	1912673	113.82	ng	0.01
7) Phenol-d6	6.30	99	2363027	116.58	ng	0.00
23) Nitrobenzene-d5	7.21	82	1503675	83.10	ng	0.00
42) 2,4,6-Tribromophenol	10.46	330	697983	121.18	ng	0.00
45) 2-Fluorobiphenyl	9.01	172	2753636	86.77	ng	0.00
79) Terphenyl-d14	12.74	244	2931427	67.64	ng	0.00

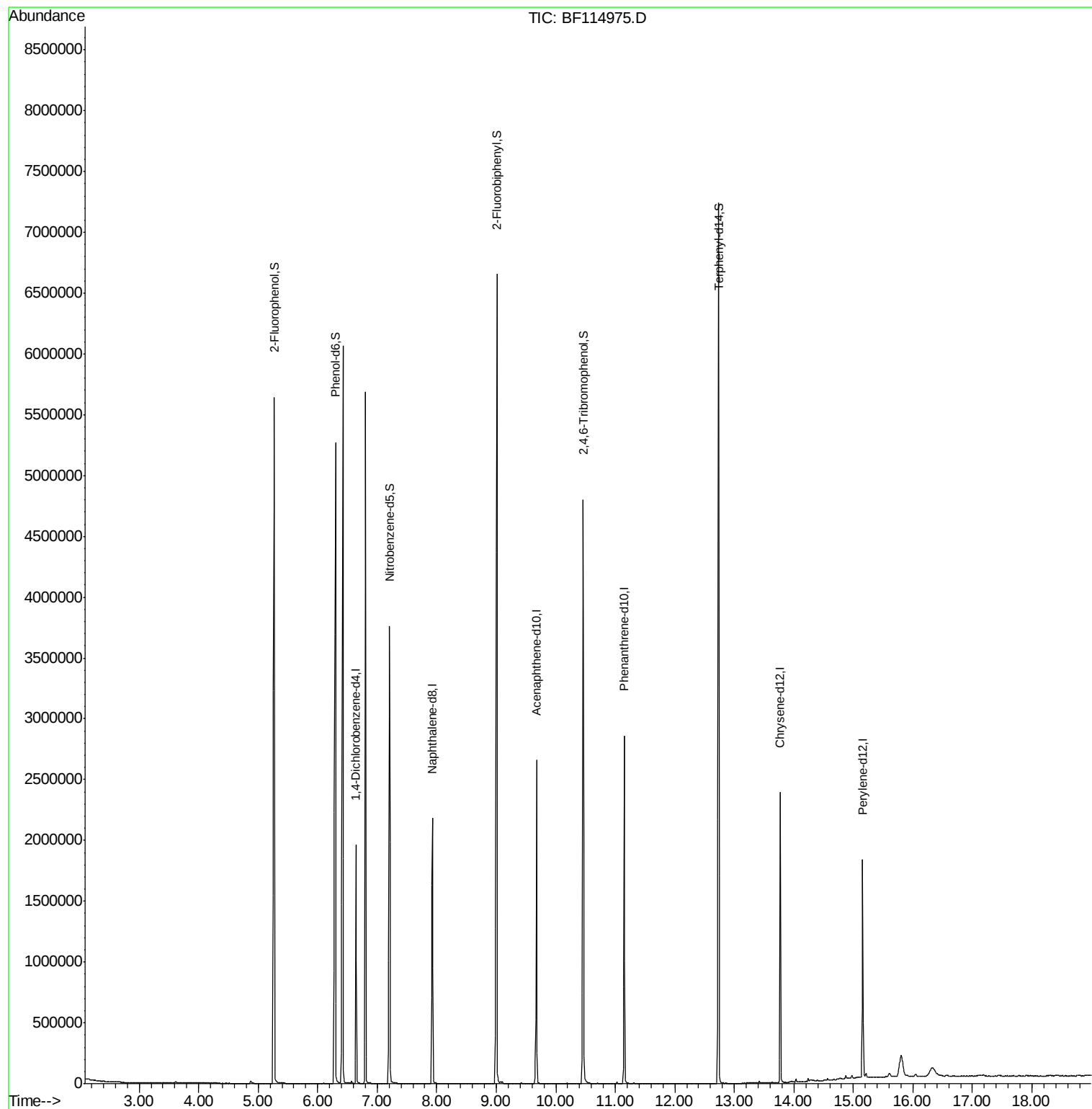
Target Compounds Qvalue

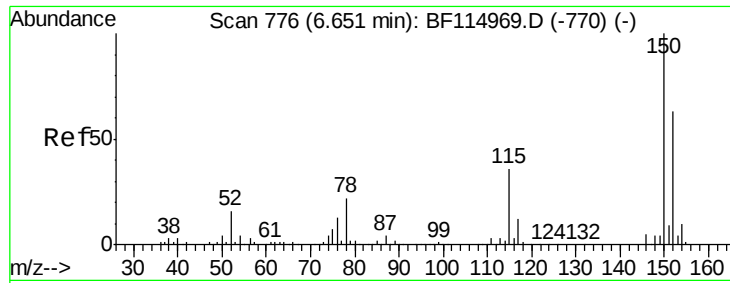
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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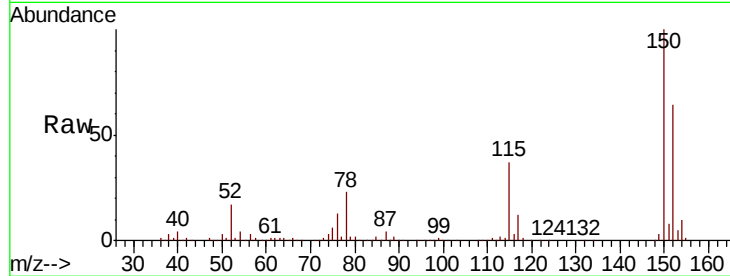


#1

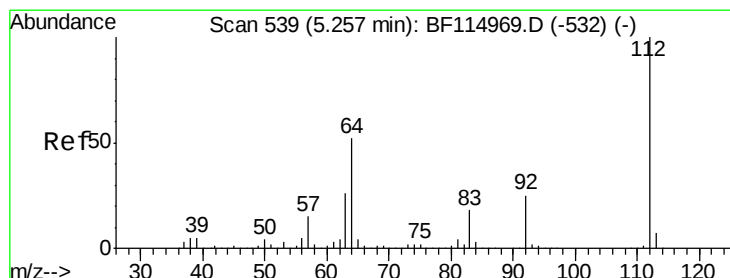
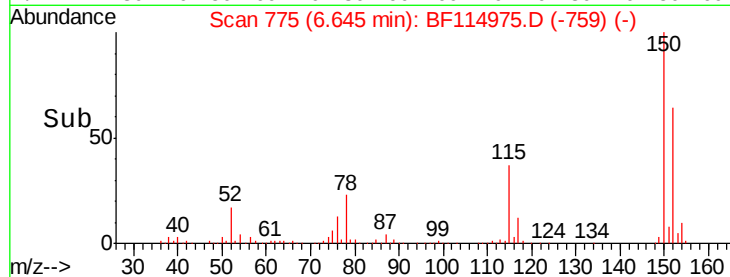
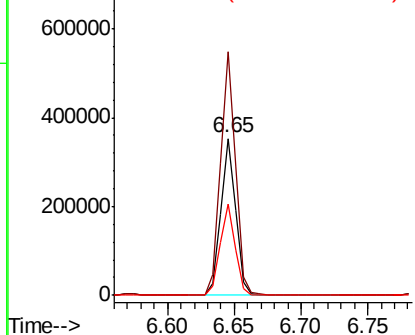
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF114975.D
Acq: 12 Jun 2019 15:31

Instrument :
BNA_F
ClientSampleId :
PB120267BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	127.4	191.0
115	58.2	46.0	69.0



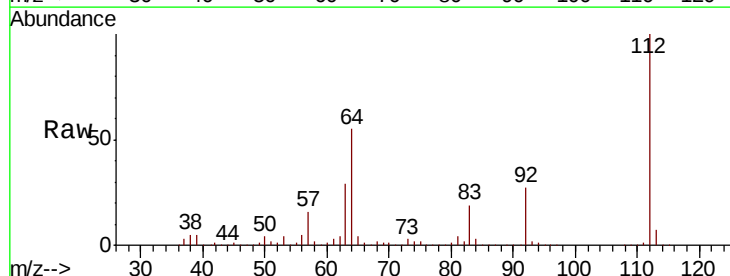
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



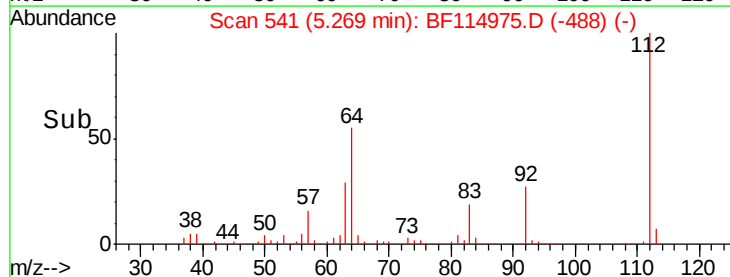
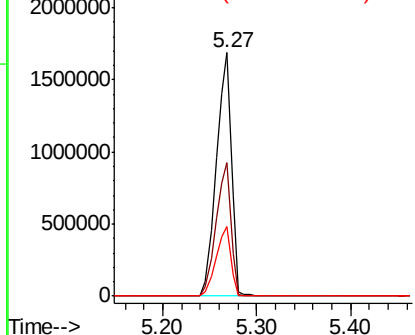
#5

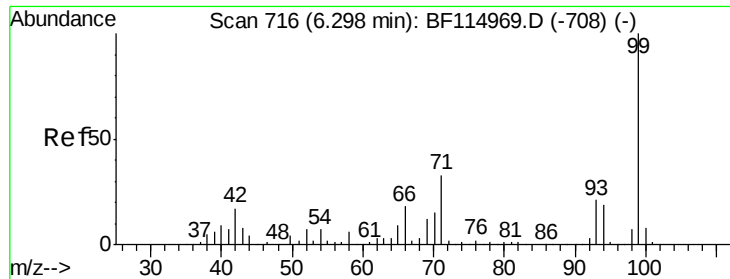
2-Fluorophenol
Concen: 113.823 ng
RT: 5.27 min Scan# 541
Delta R.T. 0.01 min
Lab File: BF114975.D
Acq: 12 Jun 2019 15:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.9	41.6	62.4
63	28.6	20.9	31.3



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: 116.576 ng

RT: 6.30 min Scan# 716

Delta R.T. -0.00 min

Lab File: BF114975.D

Acq: 12 Jun 2019 15:31

Instrument :

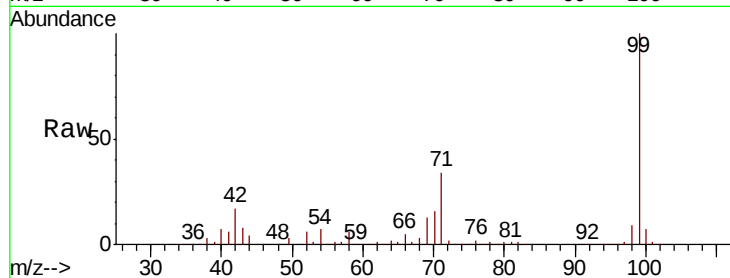
BNA_F

ClientSampleId :

PB120267BL

Tot Ion: 99 Resp: 2363027

Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.4	20.2
71	34.0	26.4	39.6

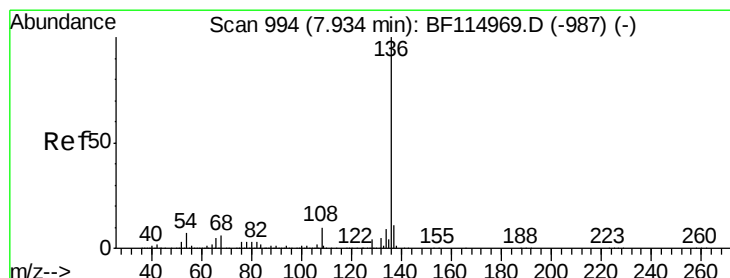
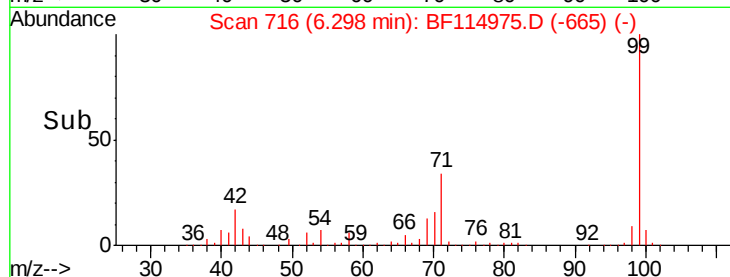
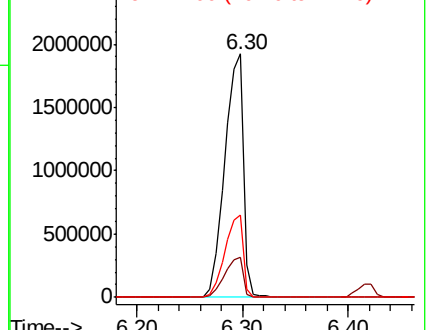


Abundance

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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.93 min Scan# 993

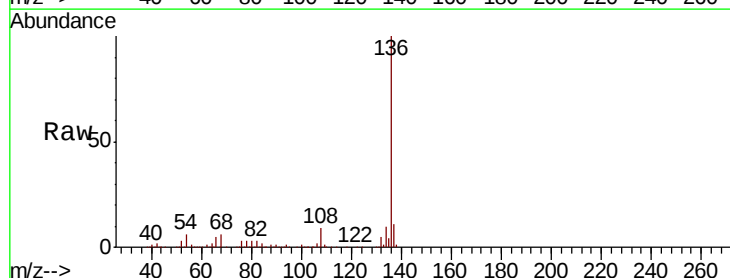
Delta R.T. -0.01 min

Lab File: BF114975.D

Acq: 12 Jun 2019 15:31

Tgt Ion: 136 Resp: 1089169

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	6.5	5.4	8.0
68	5.6	4.6	7.0



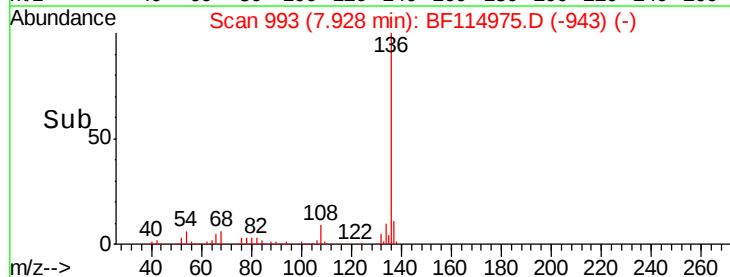
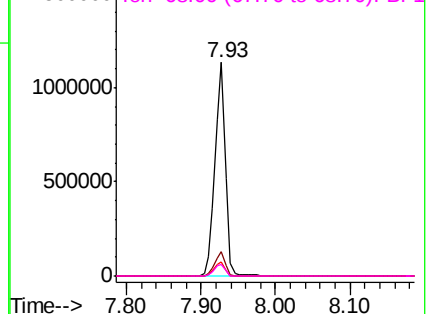
Abundance

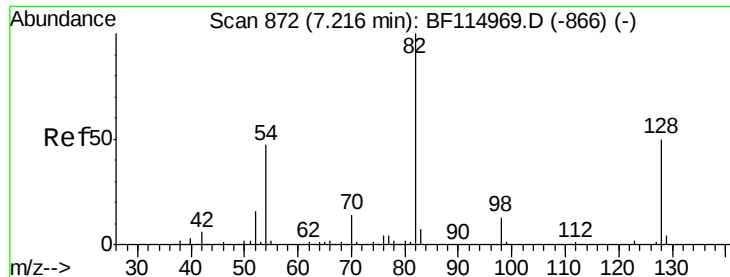
Ion 136.00 (135.70 to 136.70): E

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

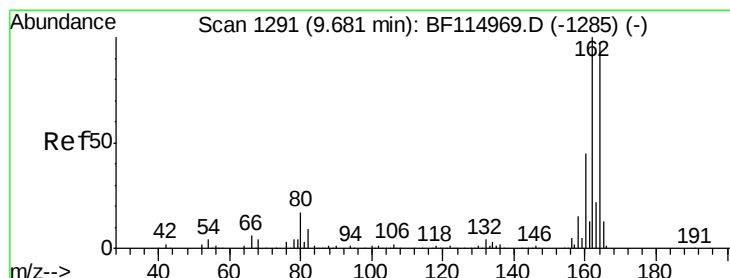
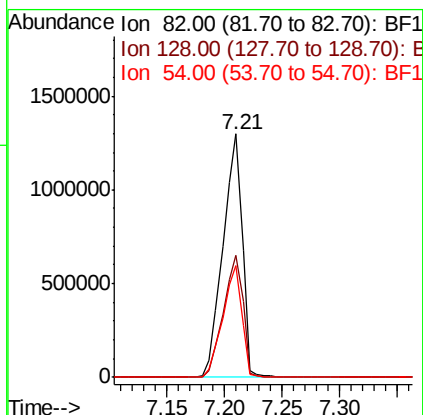
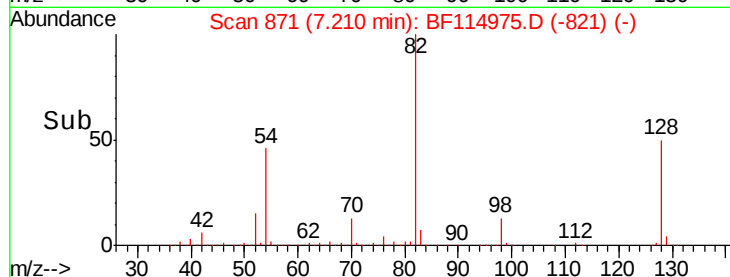
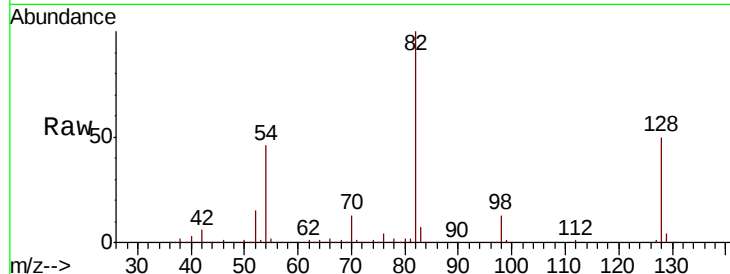




#23
Nitrobenzene-d5
Concen: 83.099 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF114975.D
Acq: 12 Jun 2019 15:31

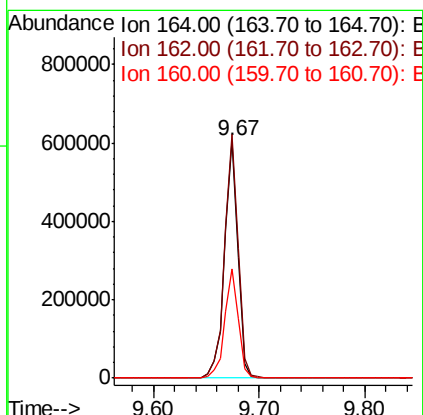
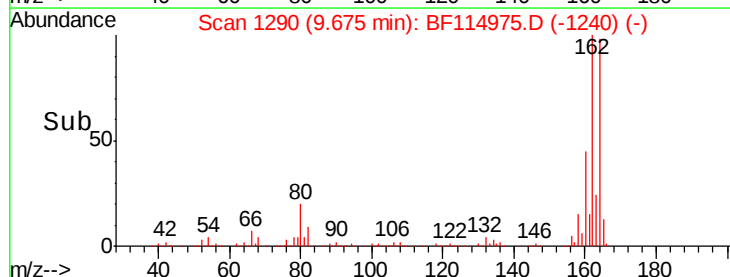
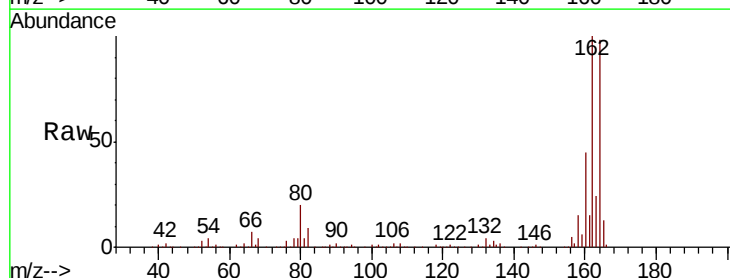
Instrument :
BNA_F
ClientSampleId :
PB120267BL

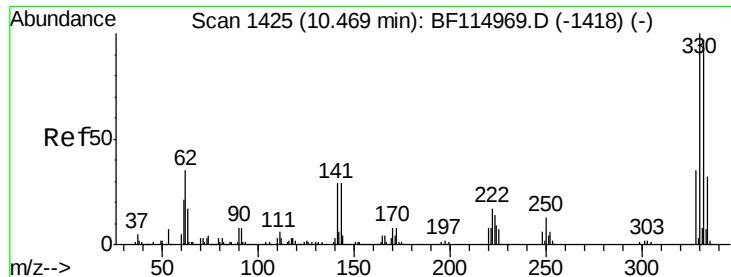
Tot Ion: 82 Resp: 1503675
Ion Ratio Lower Upper
82 100
128 50.2 39.9 59.9
54 46.1 37.3 55.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BF114975.D
Acq: 12 Jun 2019 15:31

Tgt Ion:164 Resp: 537859
Ion Ratio Lower Upper
164 100
162 102.4 82.6 124.0
160 46.2 36.9 55.3

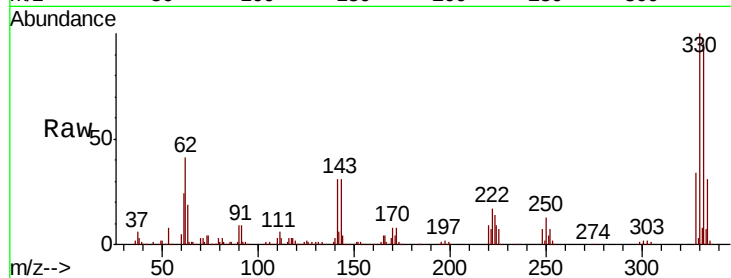




#42
 2,4,6-Tribromophenol
 Concen: 121.183 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BF114975.D
 Acq: 12 Jun 2019 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB120267BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.6	116.4
141	32.9	27.2	40.8

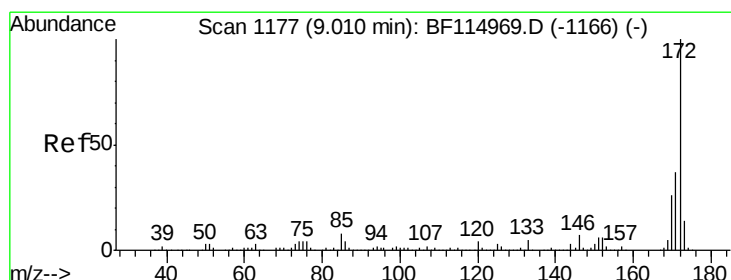
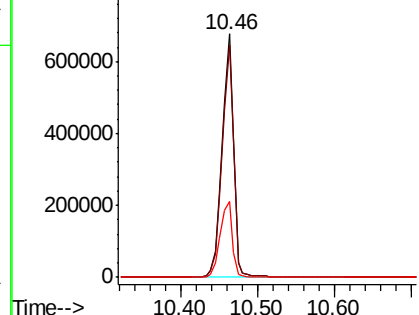
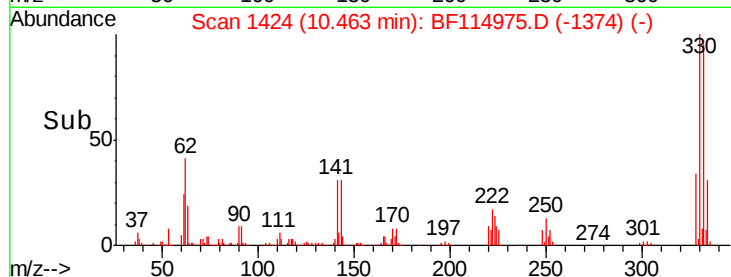


Abundance

Ion 329.80 (329.50 to 330.50): E

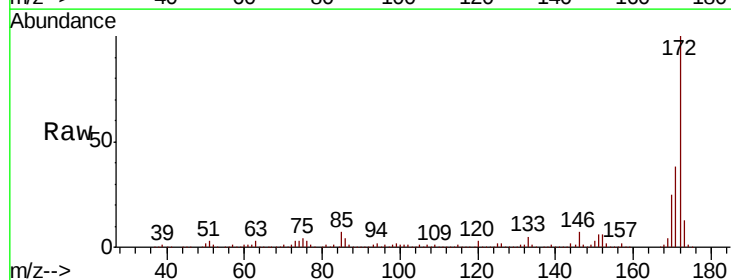
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 86.769 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. -0.00 min
 Lab File: BF114975.D
 Acq: 12 Jun 2019 15:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.2	29.8	44.6
170	25.5	20.6	31.0

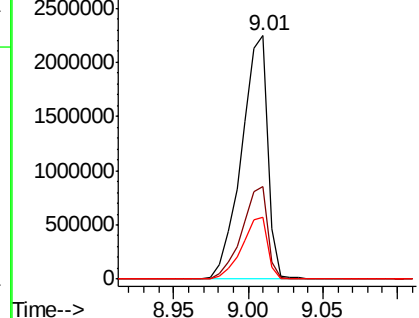
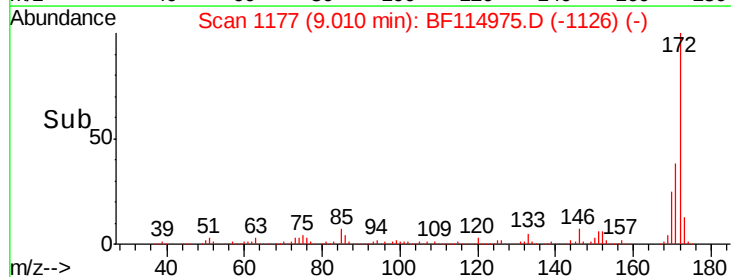


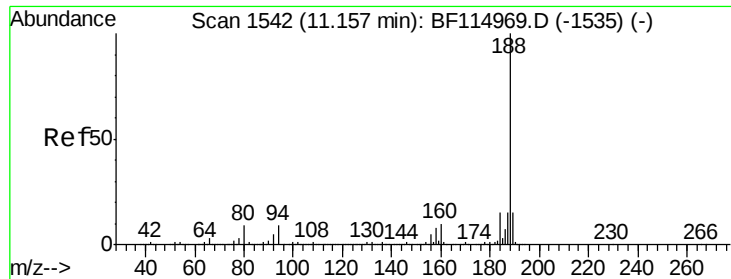
Abundance

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.15 min Scan# 1541

Delta R.T. -0.01 min

Lab File: BF114975.D

Acq: 12 Jun 2019 15:31

Instrument :

BNA_F

ClientSampleId :

PB120267BL

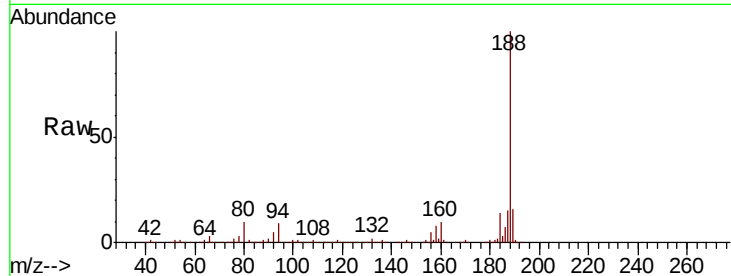
Tot Ion:188 Resp: 1068671

Ion Ratio Lower Upper

188 100

94 9.2 7.2 10.8

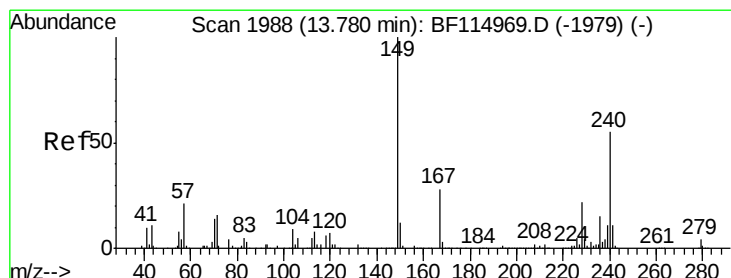
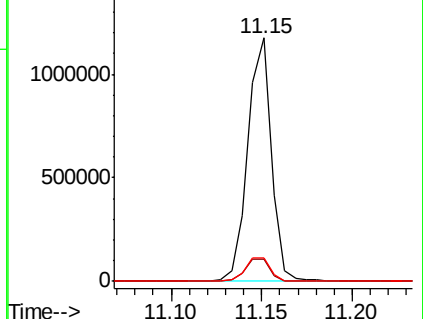
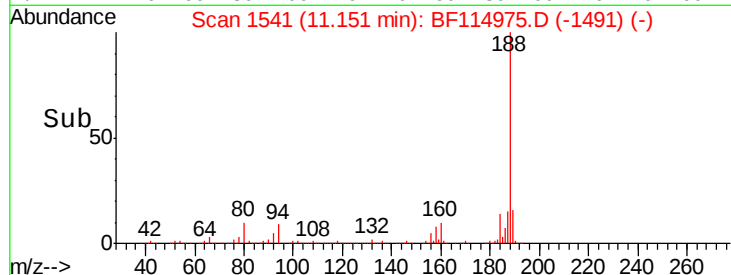
80 9.6 7.4 11.2



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.77 min Scan# 1986

Delta R.T. -0.01 min

Lab File: BF114975.D

Acq: 12 Jun 2019 15:31

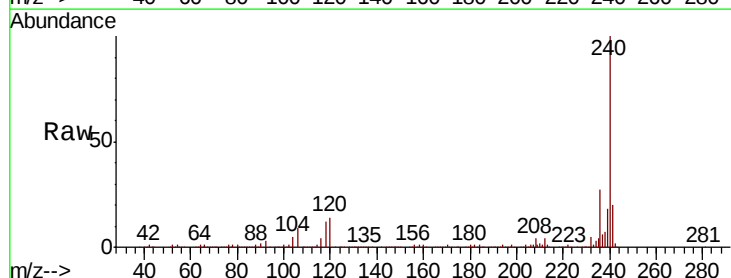
Tgt Ion:240 Resp: 815113

Ion Ratio Lower Upper

240 100

120 13.9 10.0 15.0

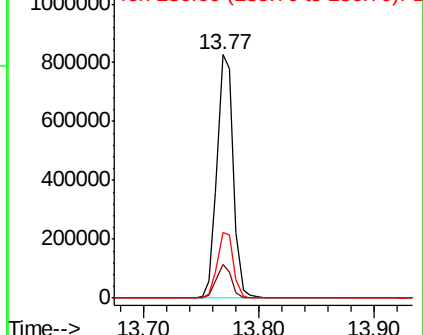
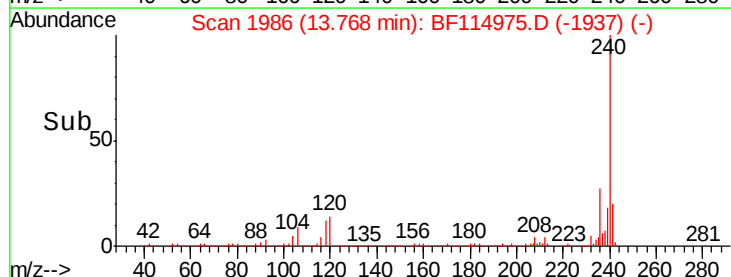
236 27.1 21.6 32.4

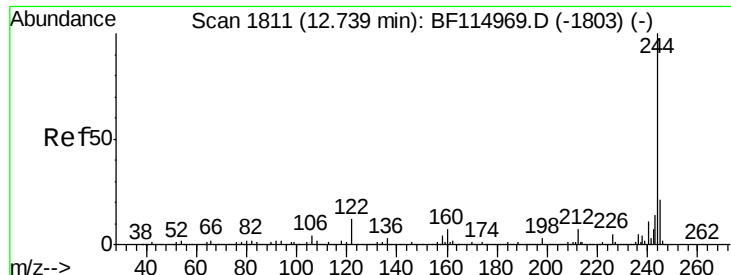


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 67.643 ng

RT: 12.74 min Scan# 1811

Delta R.T. -0.00 min

Lab File: BF114975.D

Acq: 12 Jun 2019 15:31

Instrument :

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ClientSampleId :

PB120267BL

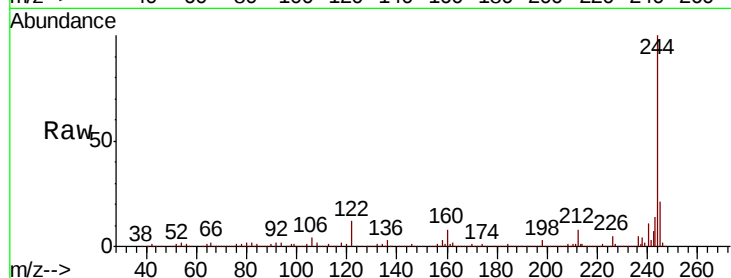
Tot Ion:244 Resp: 2931427

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

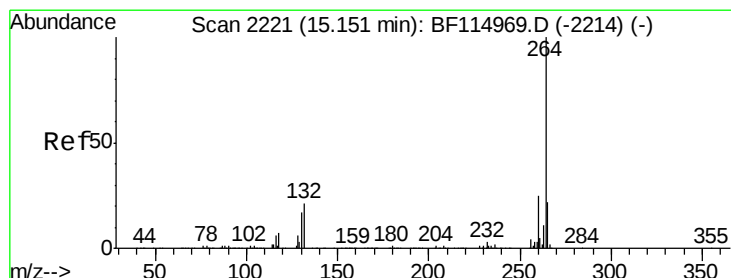
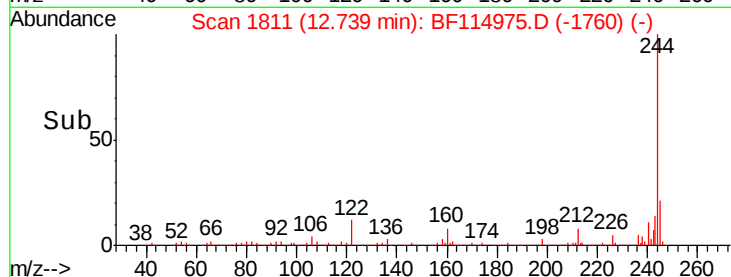
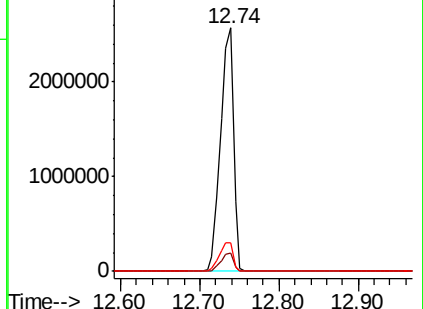
122 11.7 9.4 14.0



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: 15.16 min Scan# 2222

Delta R.T. 0.01 min

Lab File: BF114975.D

Acq: 12 Jun 2019 15:31

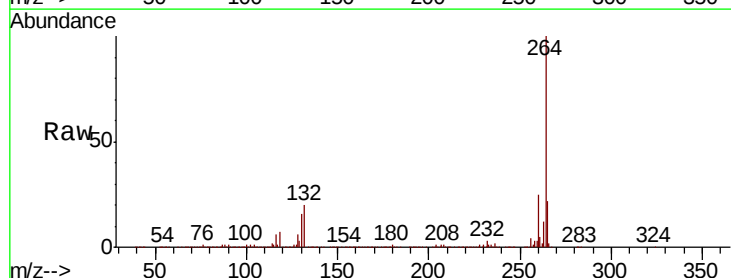
Tgt Ion:264 Resp: 749604

Ion Ratio Lower Upper

264 100

260 24.7 19.9 29.9

265 22.4 17.6 26.4



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

