

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053119\
 Data File : BF114698.D
 Acq On : 31 May 2019 10:41
 Operator : HP/JU
 Sample : PB120049BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB120049BL

Quant Time: May 31 14:03:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 31 12:07:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	421510	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	1651746	20.00	ng	-0.01
39) Acenaphthene-d10	9.72	164	860130	20.00	ng	-0.01
64) Phenanthrene-d10	11.20	188	1641922	20.00	ng	0.00
76) Chrysene-d12	13.82	240	1094395	20.00	ng	-0.01
87) Perylene-d12	15.21	264	921013	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	2580530	107.49	ng	0.01
7) Phenol-d6	6.34	99	3171273	109.62	ng	0.00
23) Nitrobenzene-d5	7.26	82	2050245	77.44	ng	-0.01
42) 2,4,6-Tribromophenol	10.51	330	986073	120.32	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	3753812	81.28	ng	0.00
79) Terphenyl-d14	12.79	244	3872956	66.54	ng	0.00

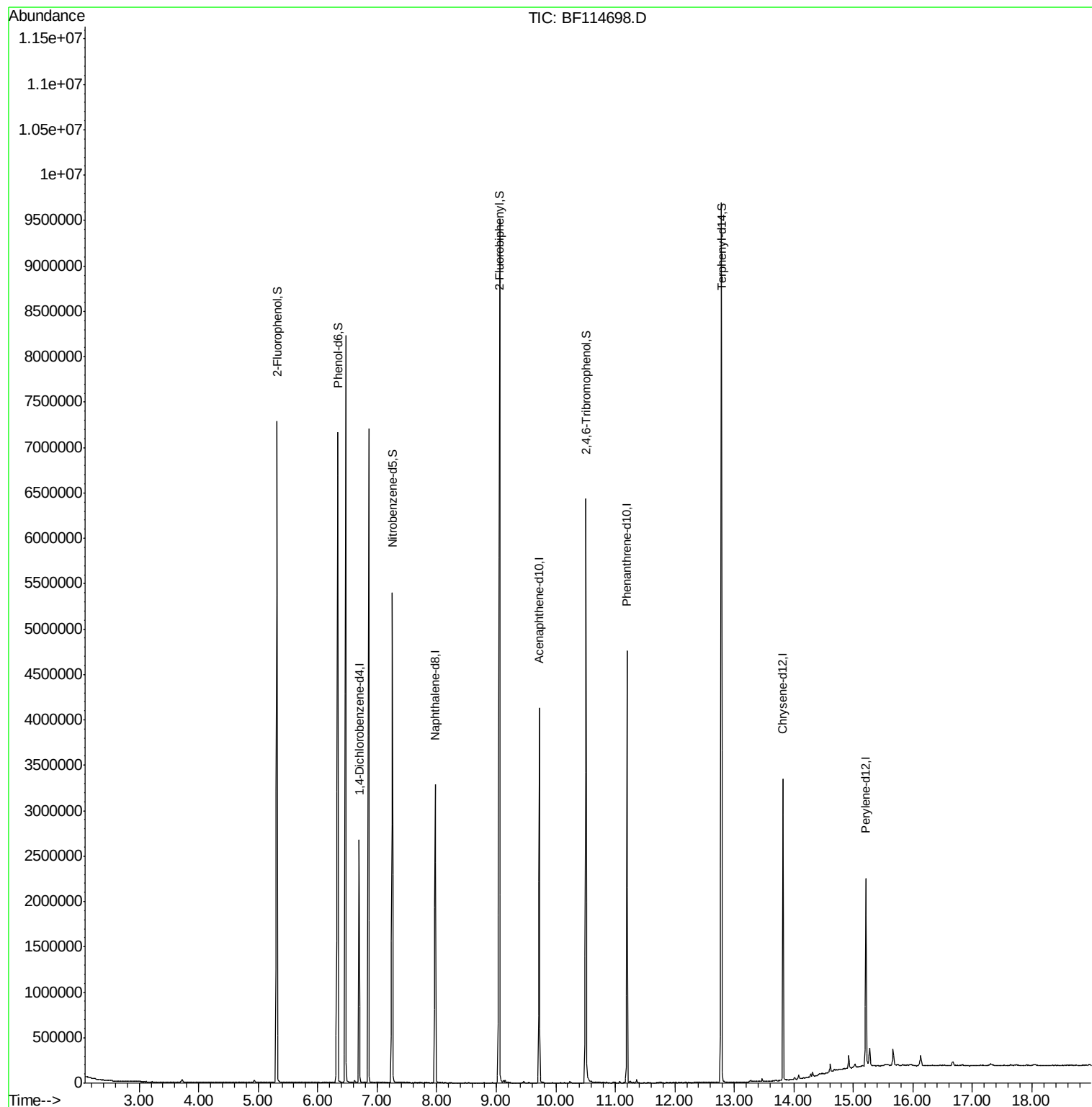
Target Compounds Qvalue

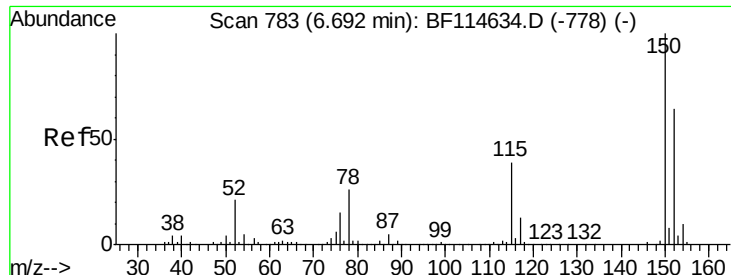
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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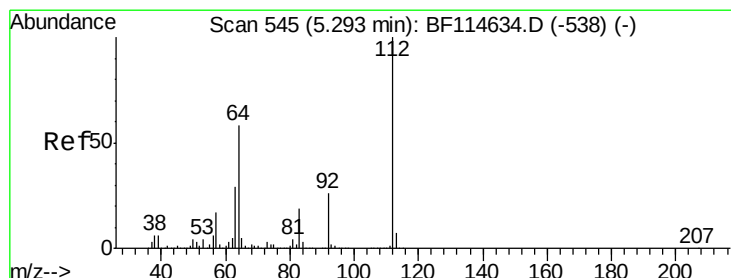
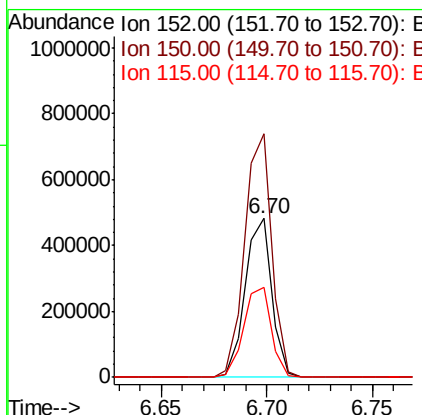
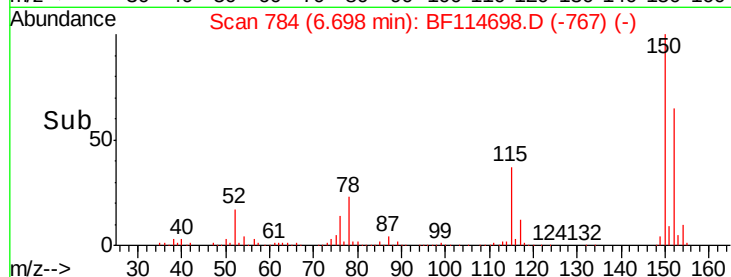
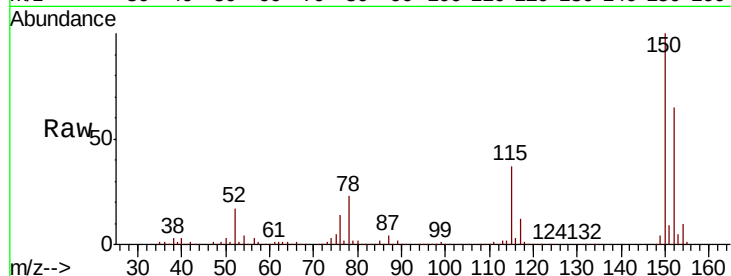


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF114698.D
Acq: 31 May 2019 10:41

Instrument :
BNA_F
ClientSampleId :
PB120049BL

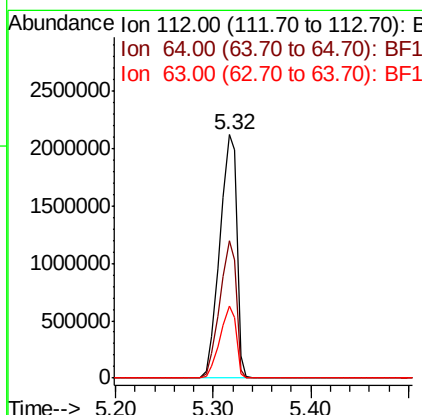
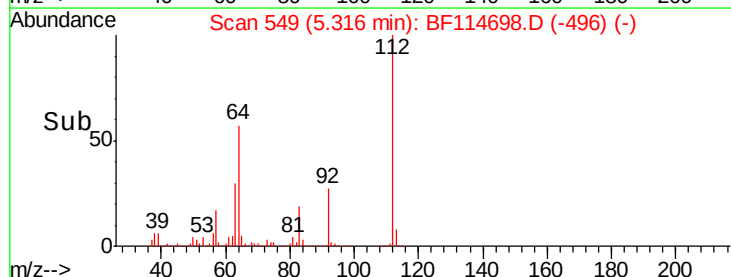
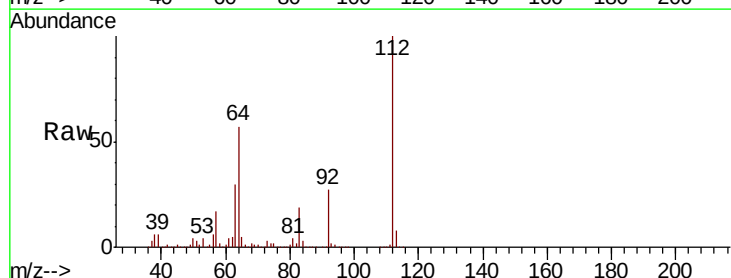
Tot Ion:152 Resp: 421510
Ion Ratio Lower Upper
152 100
150 153.4 124.3 186.5
115 56.7 48.8 73.2

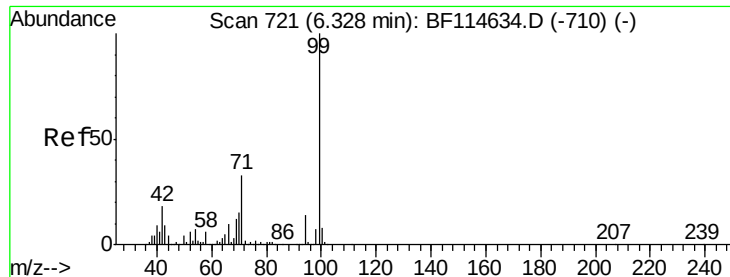


#5

2-Fluorophenol
Concen: 107.486 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.01 min
Lab File: BF114698.D
Acq: 31 May 2019 10:41

Tgt Ion:112 Resp: 2580530
Ion Ratio Lower Upper
112 100
64 56.5 44.8 67.2
63 29.7 23.0 34.6





#7

Phenol-d6

Concen: 109.617 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF114698.D

Acq: 31 May 2019 10:41

Instrument :

BNA_F

ClientSampleId :

PB120049BL

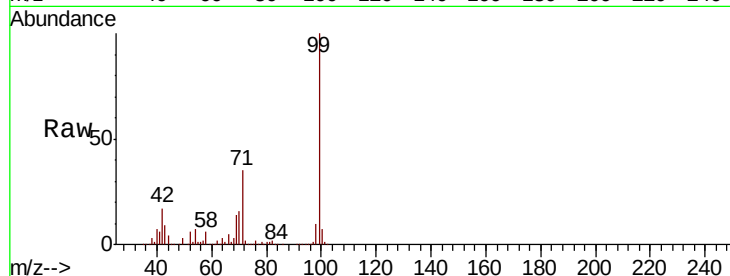
Tot Ion: 99 Resp: 3171273

Ion Ratio Lower Upper

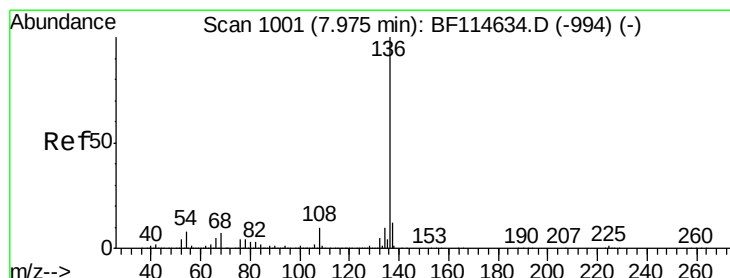
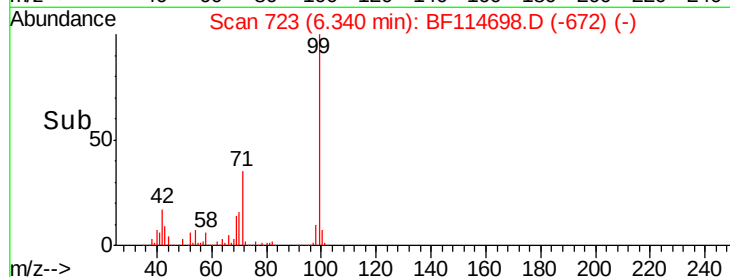
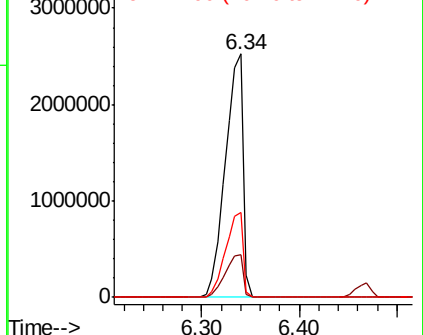
99 100

42 17.5 14.1 21.1

71 35.0 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF114698.D

Acq: 31 May 2019 10:41

Tgt Ion: 136 Resp: 1651746

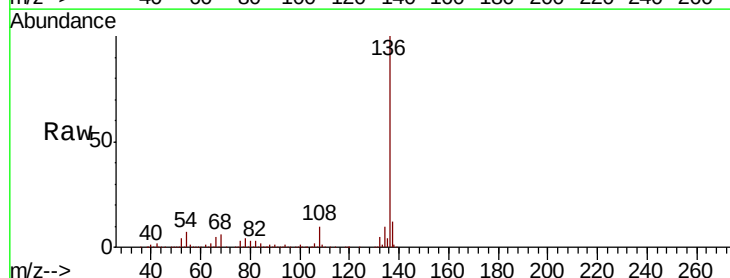
Ion Ratio Lower Upper

136 100

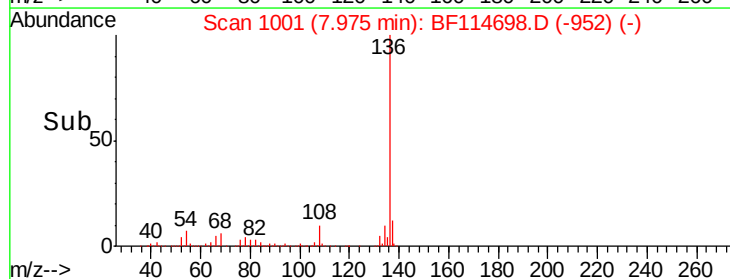
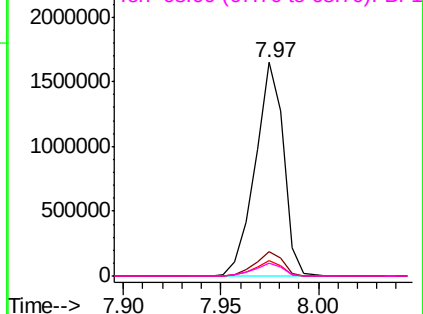
137 11.6 9.1 13.7

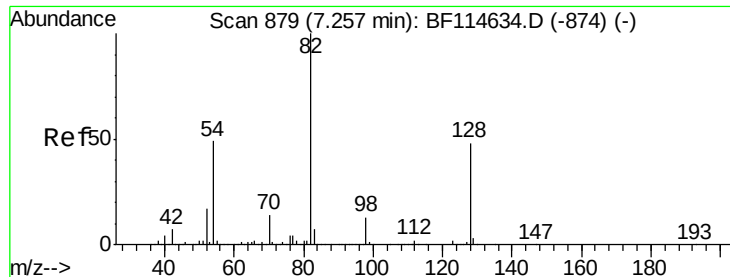
54 7.3 5.2 7.8

68 6.0 4.6 6.8



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

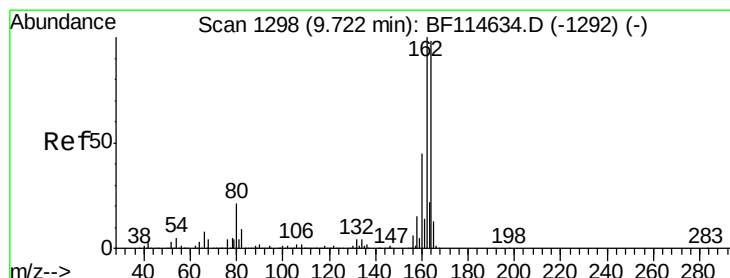
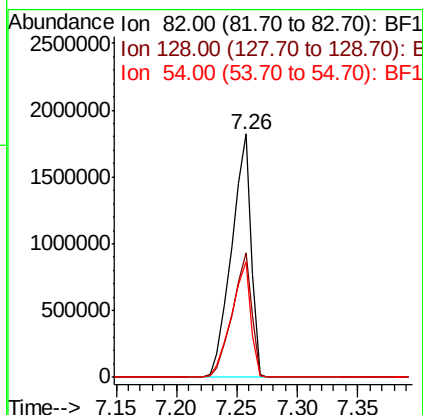
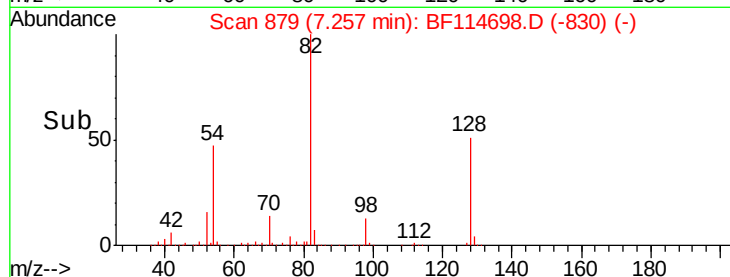
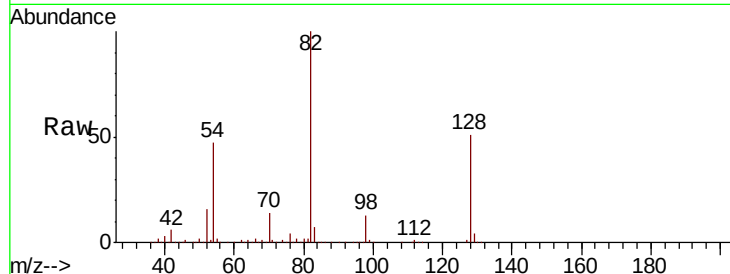




#23
Nitrobenzene-d5
Concen: 77.441 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF114698.D
Acq: 31 May 2019 10:41

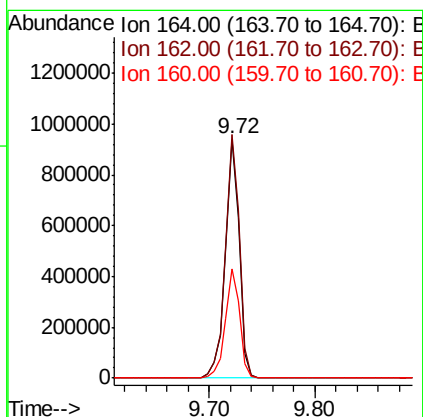
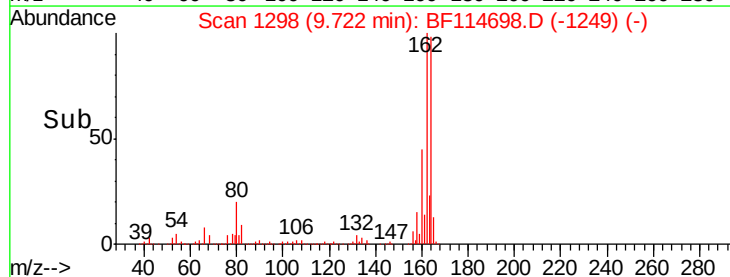
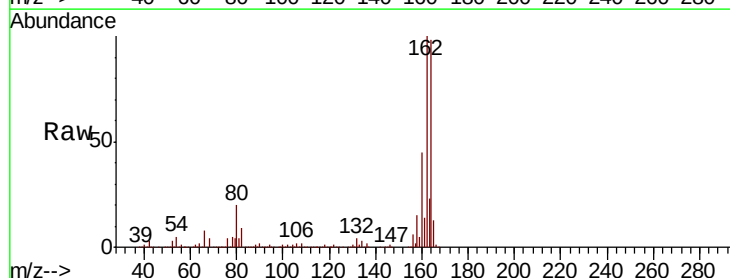
Instrument :
BNA_F
ClientSampleId :
PB120049BL

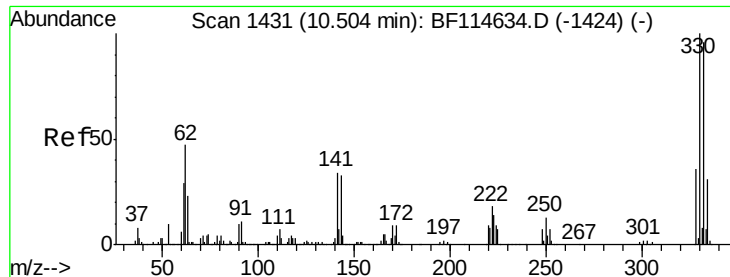
Tot Ion: 82 Resp: 2050245
Ion Ratio Lower Upper
82 100
128 51.1 41.7 62.5
54 47.3 37.5 56.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF114698.D
Acq: 31 May 2019 10:41

Tgt Ion: 164 Resp: 860130
Ion Ratio Lower Upper
164 100
162 101.9 83.0 124.4
160 45.6 38.2 57.2

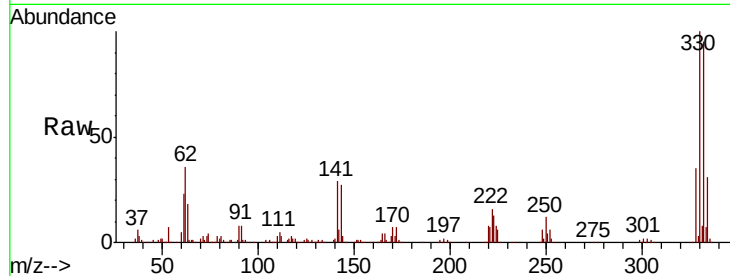




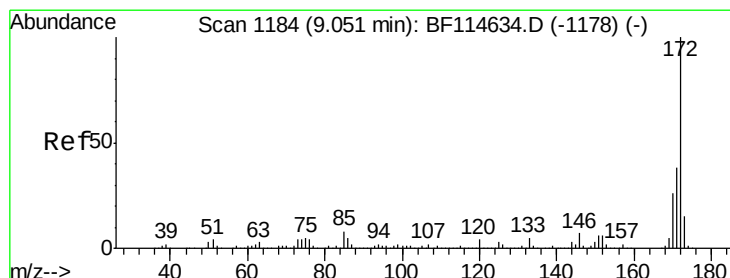
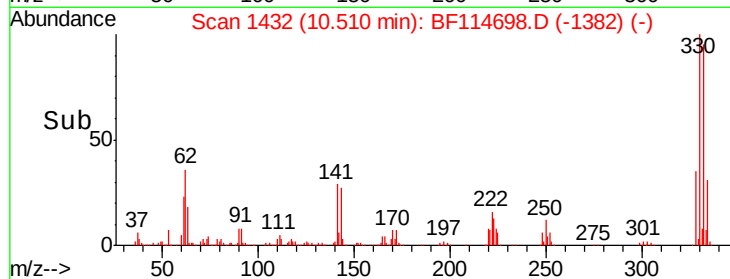
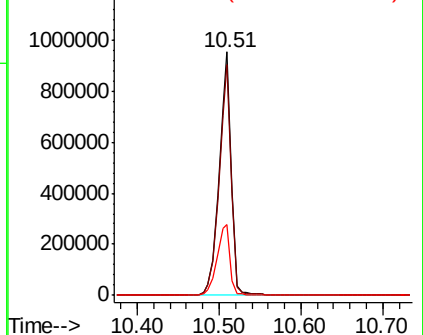
#42
 2,4,6-Tribromophenol
 Concen: 120.316 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF114698.D
 Acq: 31 May 2019 10:41

Instrument :
 BNA_F
 ClientSampleId :
 PB120049BL

Tot Ion:330 Resp: 986073
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.1 115.7
 141 31.7 26.2 39.2

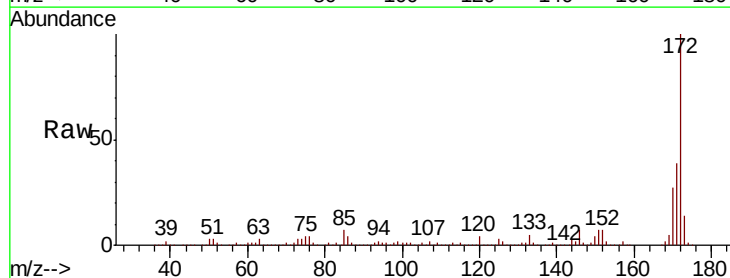


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

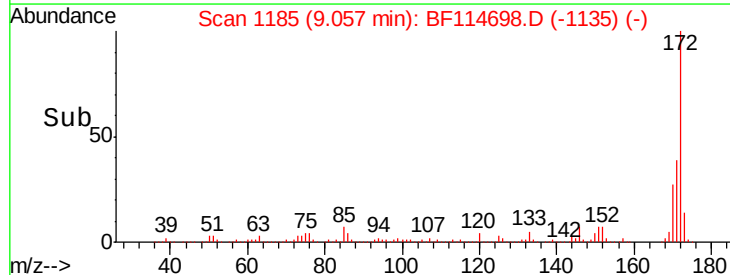
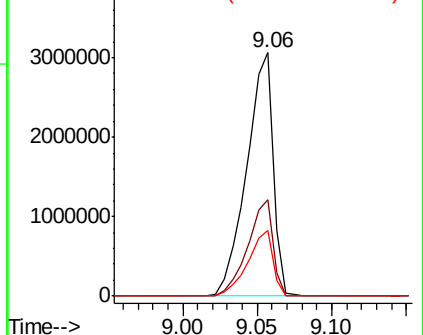


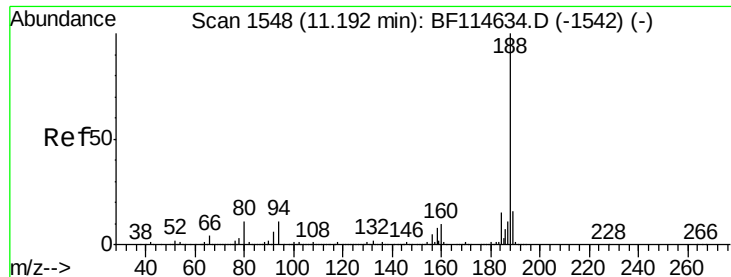
#45
 2-Fluorobiphenyl
 Concen: 81.282 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF114698.D
 Acq: 31 May 2019 10:41

Tgt Ion:172 Resp: 3753812
 Ion Ratio Lower Upper
 172 100
 171 39.5 31.6 47.4
 170 26.7 21.5 32.3



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

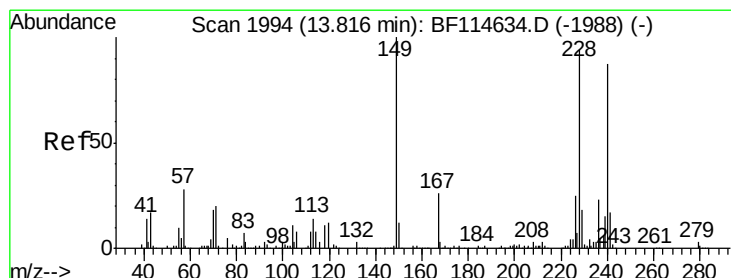
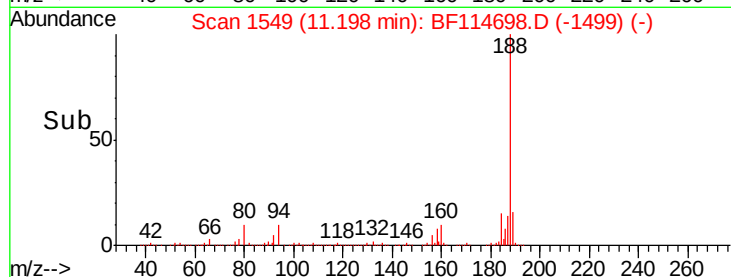
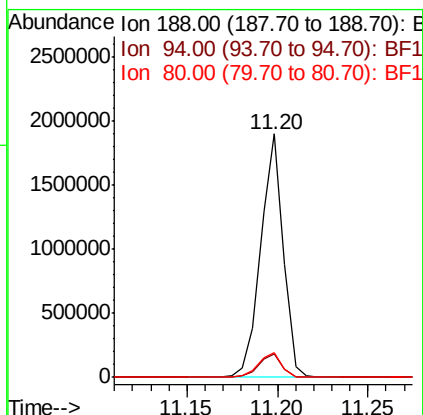
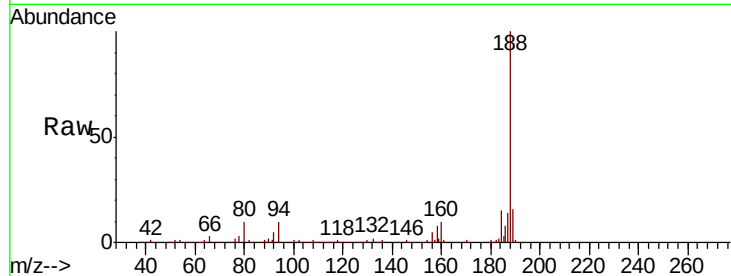




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF114698.D
Acq: 31 May 2019 10:41

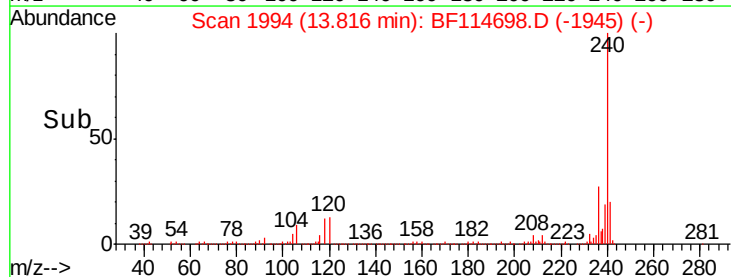
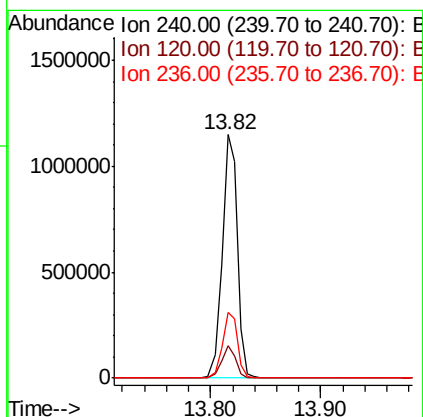
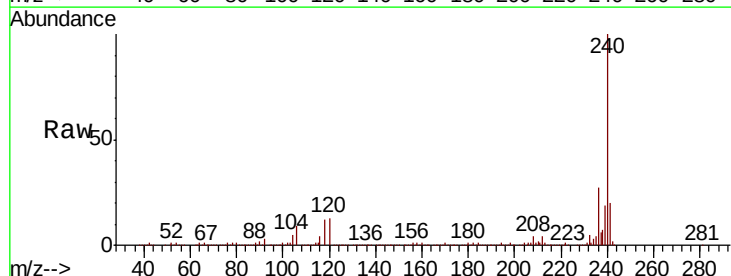
Instrument :
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ClientSampleId :
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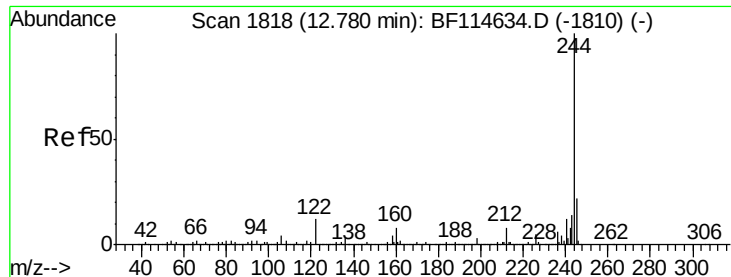
Tot Ion:188 Resp: 1641922
Ion Ratio Lower Upper
188 100
94 9.7 7.6 11.4
80 9.9 8.2 12.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BF114698.D
Acq: 31 May 2019 10:41

Tgt Ion:240 Resp: 1094395
Ion Ratio Lower Upper
240 100
120 13.2 10.8 16.2
236 27.2 21.9 32.9





#79

Terphenyl-d14

Concen: 66.537 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.00 min

Lab File: BF114698.D

Acq: 31 May 2019 10:41

Instrument :

BNA_F

ClientSampleId :

PB120049BL

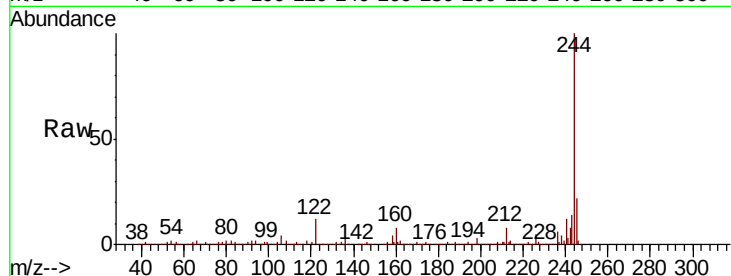
Tot Ion:244 Resp: 3872956

Ion Ratio Lower Upper

244 100

212 7.8 6.3 9.5

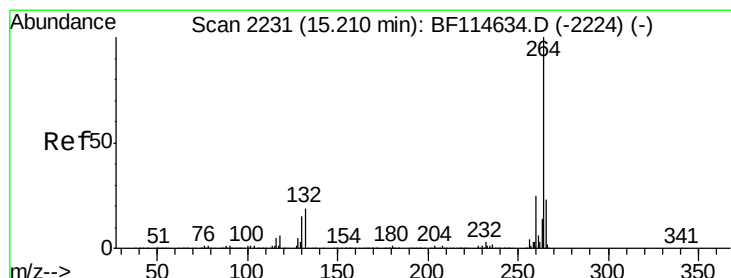
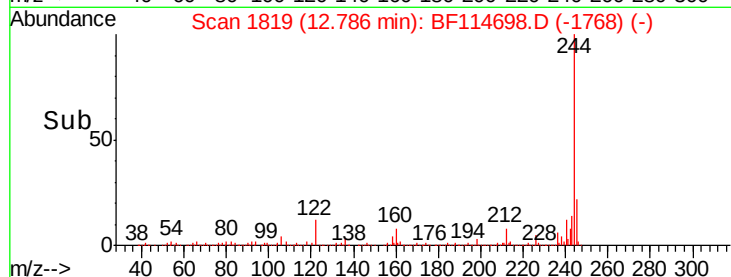
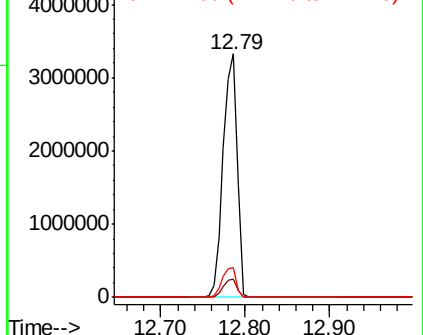
122 12.1 10.2 15.2



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: 15.21 min Scan# 2231

Delta R.T. -0.01 min

Lab File: BF114698.D

Acq: 31 May 2019 10:41

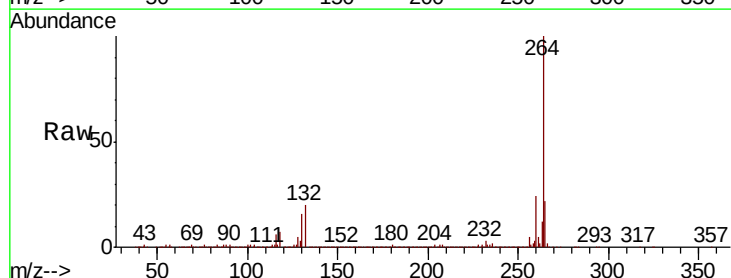
Tgt Ion:264 Resp: 921013

Ion Ratio Lower Upper

264 100

260 24.5 20.3 30.5

265 22.2 18.0 27.0



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

