

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012519\
 Data File : BF112252.D
 Acq On : 26 Jan 2019 00:35
 Operator : JU/SJ
 Sample : K1015-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-012419-B

Quant Time: Jan 28 00:49:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 25 16:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	216548	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	881996	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	394690	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	703009	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	434035	20.00	ng	-0.02
87) Perylene-d12	15.46	264	443257	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	557493	54.68	ng	0.00
7) Phenol-d6	6.48	99	693702	48.97	ng	-0.03
23) Nitrobenzene-d5	7.40	82	435171	28.43	ng	-0.02
42) 2,4,6-Tribromophenol	10.67	330	170419	37.10	ng	-0.02
45) 2-Fluorobiphenyl	9.20	172	1001274	35.88	ng	-0.01
79) Terphenyl-d14	12.94	244	898832	39.00	ng	-0.02

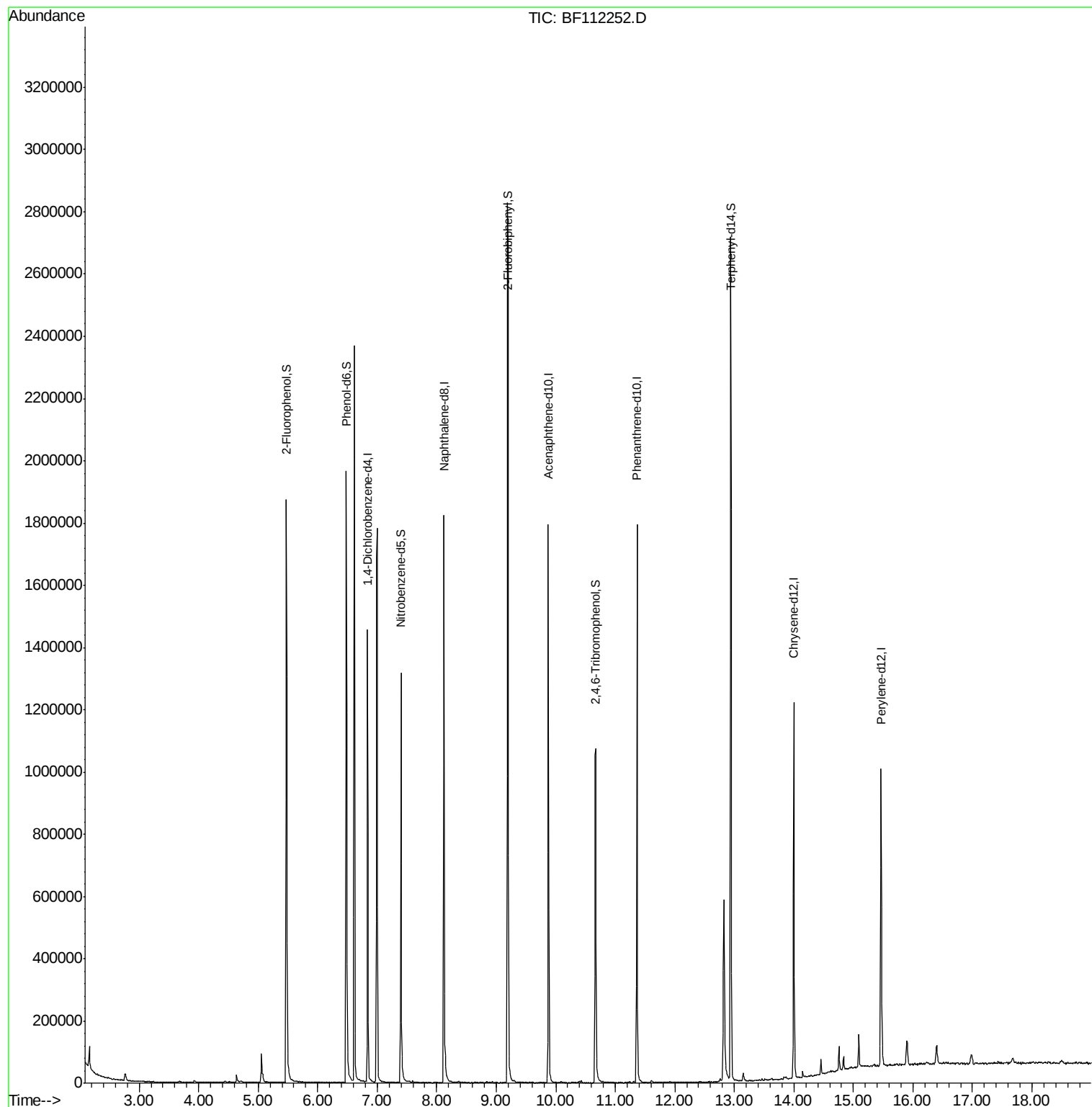
Target Compounds Qvalue

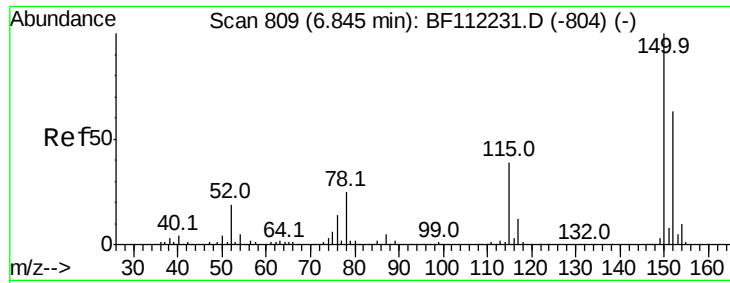
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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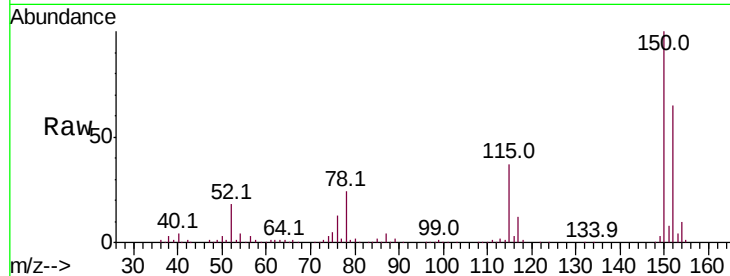


#1

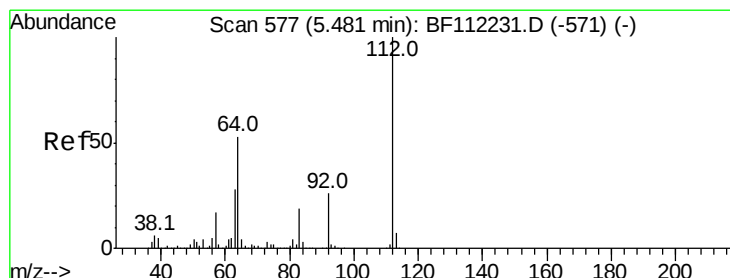
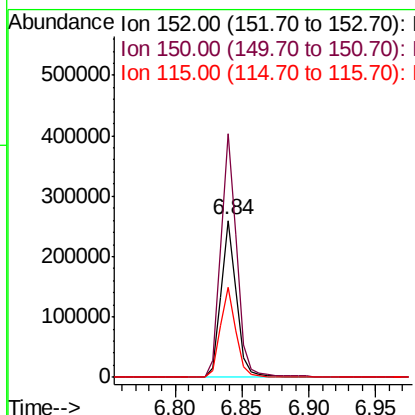
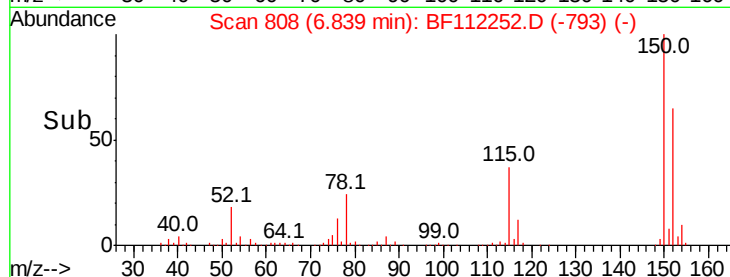
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.84 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: BF112252.D
 Acq: 26 Jan 2019 00:35

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-012419-B

Tot Ion:152 Resp: 216548
 Ion Ratio Lower Upper
 152 100
 150 155.0 127.4 191.0
 115 57.4 45.5 68.3



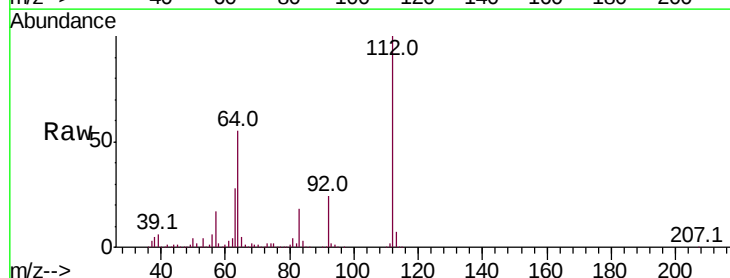
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



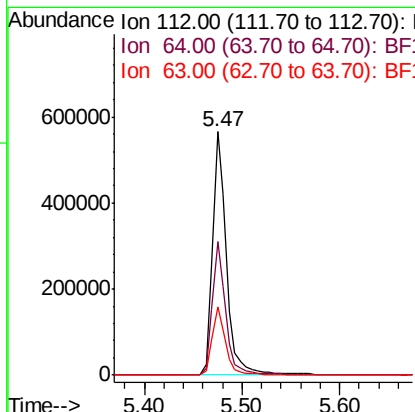
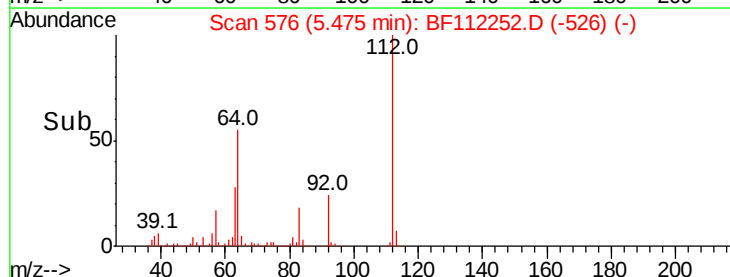
#5

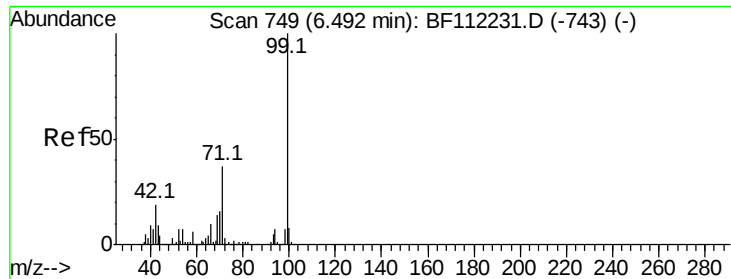
2-Fluorophenol
 Concen: 54.683 ng
 RT: 5.47 min Scan# 576
 Delta R.T. -0.01 min
 Lab File: BF112252.D
 Acq: 26 Jan 2019 00:35

Tgt Ion:112 Resp: 557493
 Ion Ratio Lower Upper
 112 100
 64 54.9 45.7 68.5
 63 28.1 23.6 35.4



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: 48.968 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.03 min

Lab File: BF112252.D

Acq: 26 Jan 2019 00:35

Instrument :

BNA_F

ClientSampleId :

SU-04-012419-B

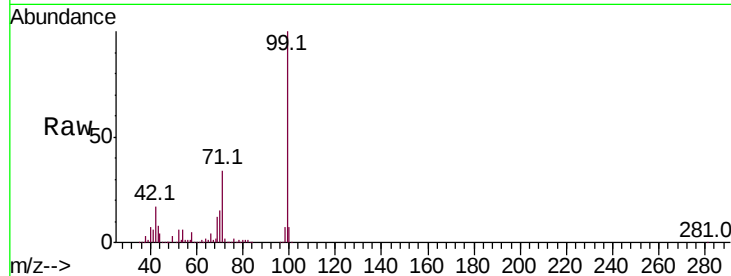
Tot Ion: 99 Resp: 693702

Ion Ratio Lower Upper

99 100

42 17.0 15.1 22.7

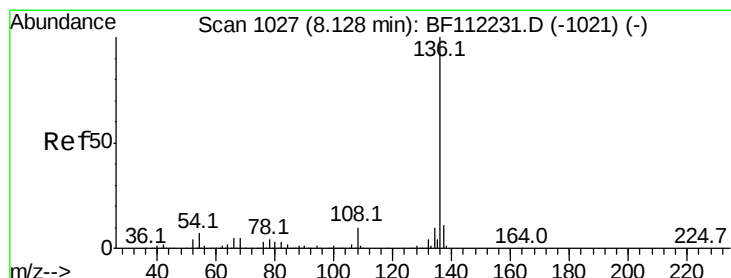
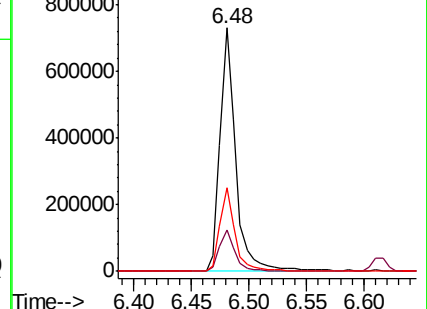
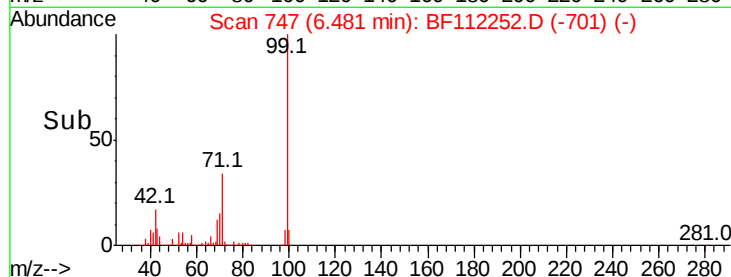
71 34.1 26.9 40.3



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF112252.D

Acq: 26 Jan 2019 00:35

Tgt Ion: 136 Resp: 881996

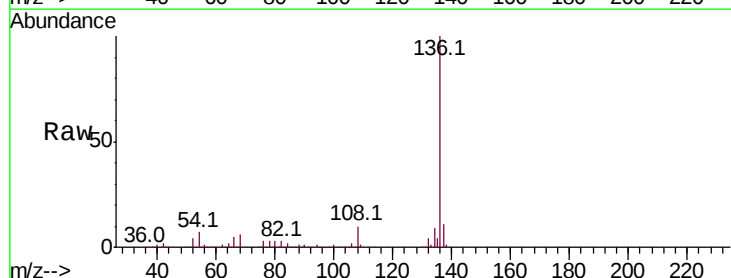
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 6.7 5.9 8.9

68 5.7 5.1 7.7

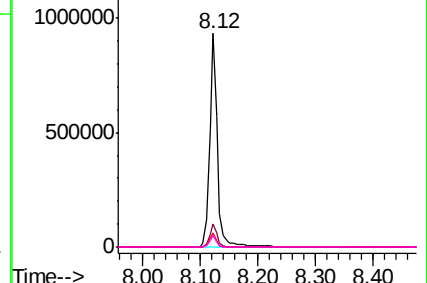
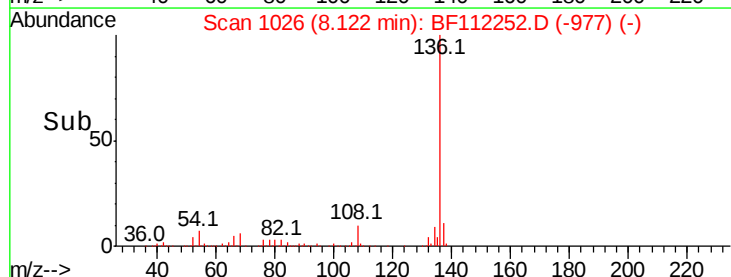


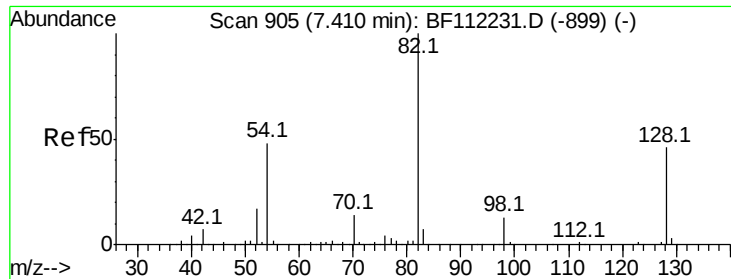
Abundance Ion 136.00 (135.70 to 136.70): E

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

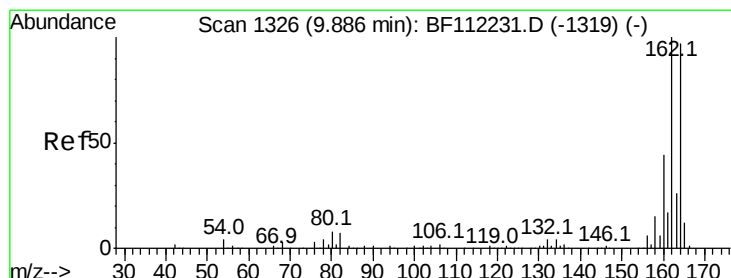
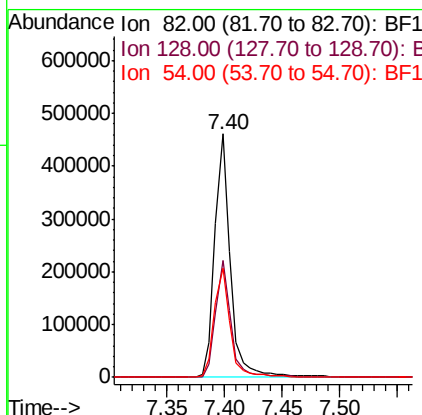
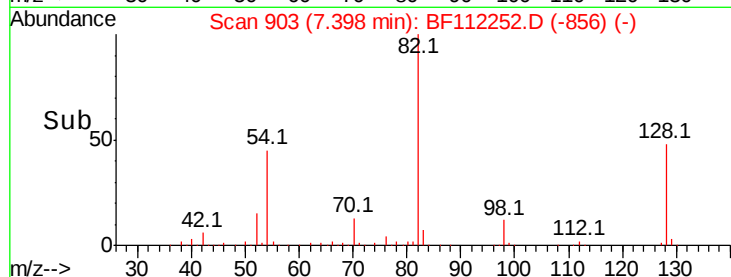
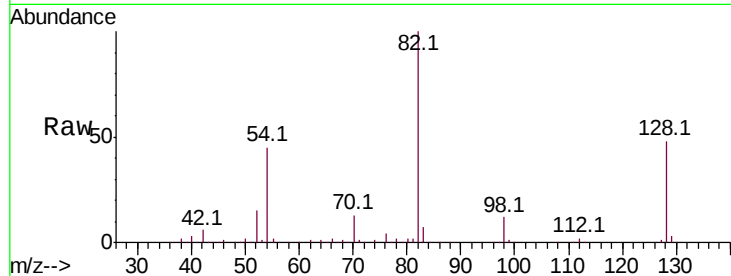




#23
 Nitrobenzene-d5
 Concen: 28.429 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.02 min
 Lab File: BF112252.D
 Acq: 26 Jan 2019 00:35

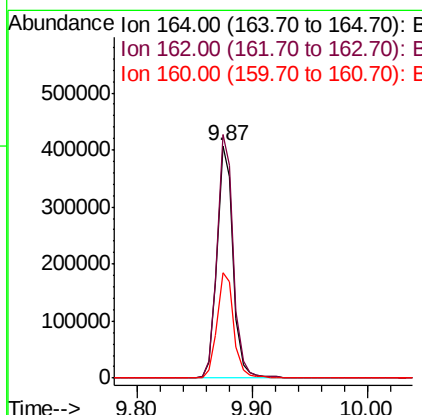
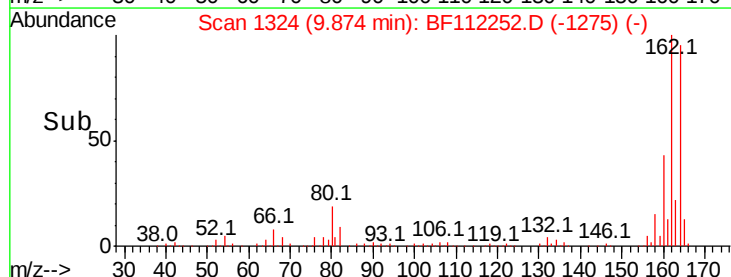
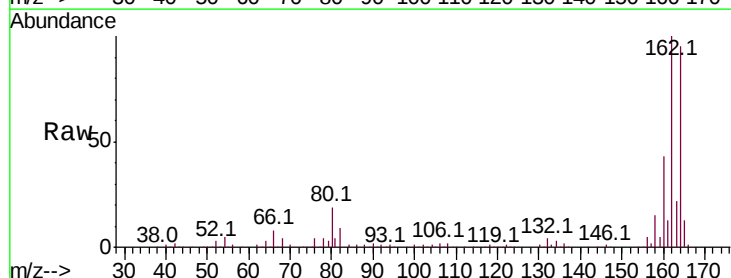
Instrument :
 BNA_F
 ClientSampleId :
 SU-04-012419-B

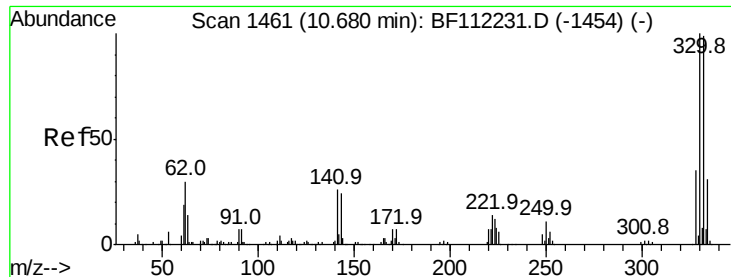
Tot Ion: 82 Resp: 435171
 Ion Ratio Lower Upper
 82 100
 128 47.9 37.8 56.8
 54 44.9 39.7 59.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF112252.D
 Acq: 26 Jan 2019 00:35

Tgt Ion: 164 Resp: 394690
 Ion Ratio Lower Upper
 164 100
 162 104.8 82.2 123.4
 160 45.6 36.2 54.4

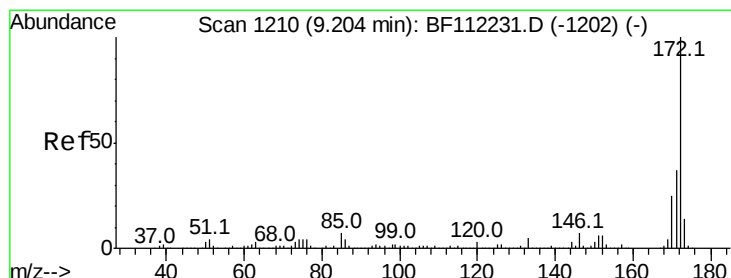
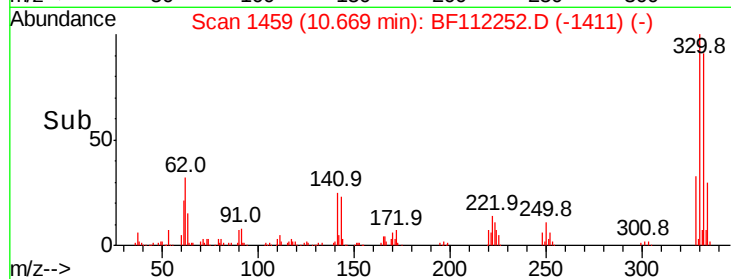
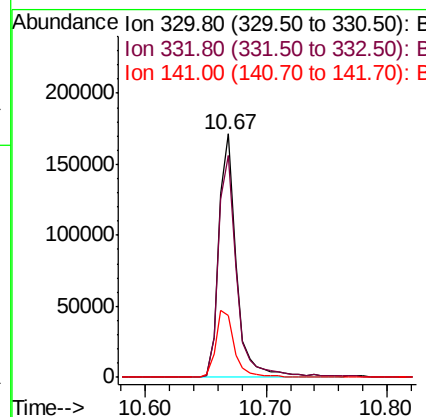
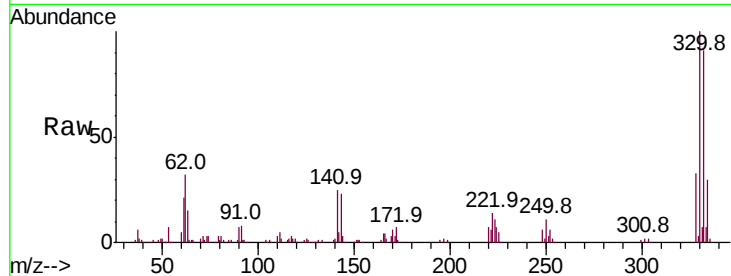




#42
 2,4,6-Tribromophenol
 Concen: 37.095 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.02 min
 Lab File: BF112252.D
 Acq: 26 Jan 2019 00:35

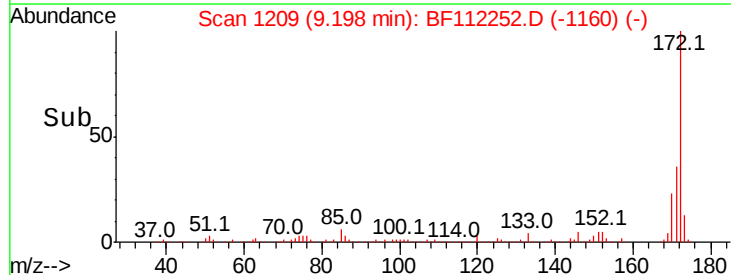
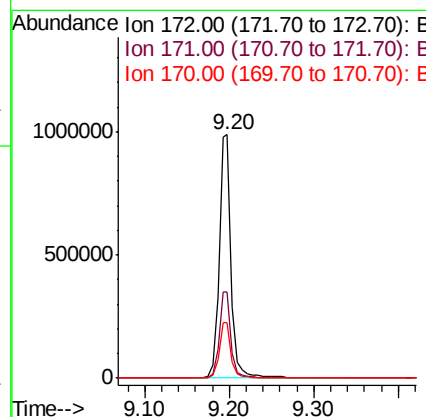
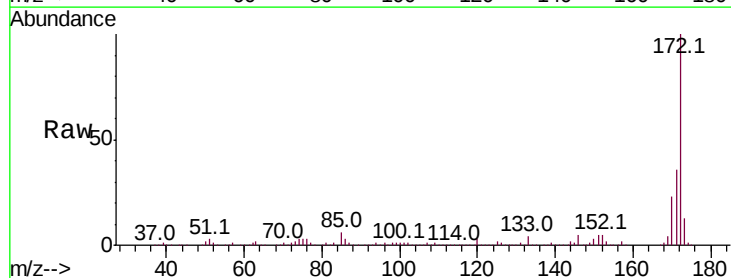
Instrument :
 BNA_F
 ClientSampleId :
 SU-04-012419-B

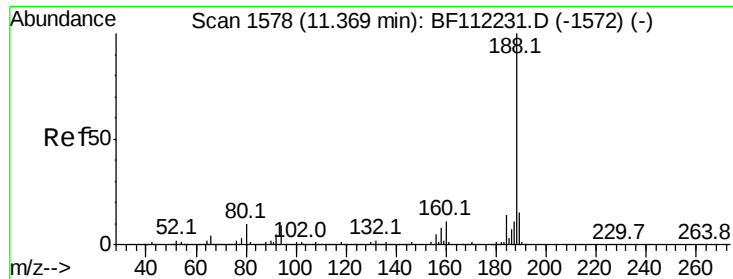
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.6	76.6	114.8
141	29.7	24.3	36.5



#45
 2-Fluorobiphenyl
 Concen: 35.880 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF112252.D
 Acq: 26 Jan 2019 00:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	30.5	45.7
170	22.9	20.2	30.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF112252.D

Acq: 26 Jan 2019 00:35

Instrument :

BNA_F

ClientSampleId :

SU-04-012419-B

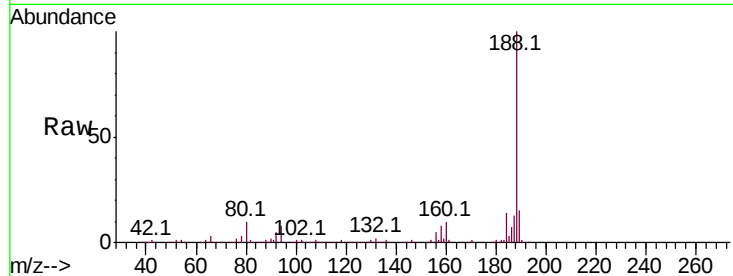
Tot Ion:188 Resp: 703009

Ion Ratio Lower Upper

188 100

94 8.4 8.2 12.2

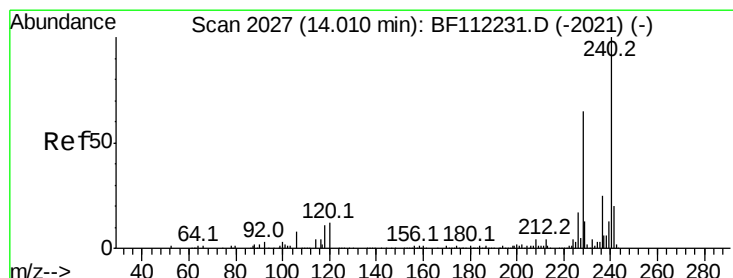
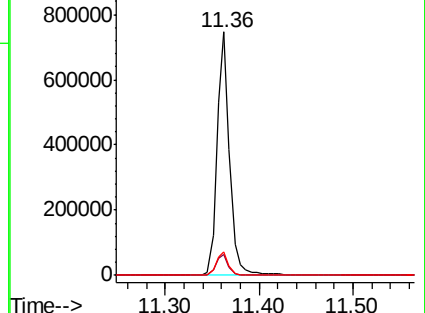
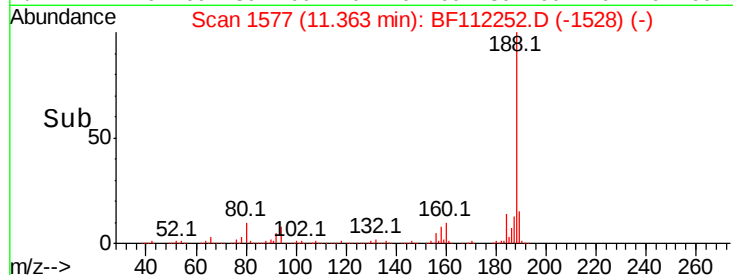
80 9.6 8.9 13.3



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: 14.00 min Scan# 2025

Delta R.T. -0.02 min

Lab File: BF112252.D

Acq: 26 Jan 2019 00:35

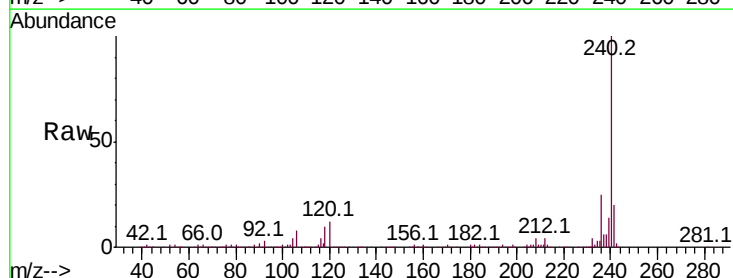
Tgt Ion:240 Resp: 434035

Ion Ratio Lower Upper

240 100

120 11.8 9.0 13.6

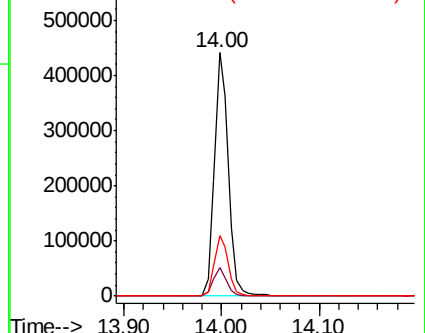
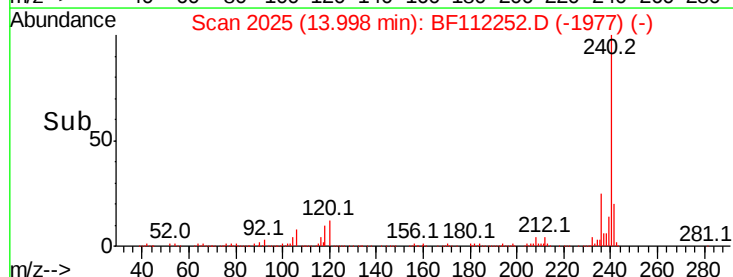
236 25.1 20.7 31.1

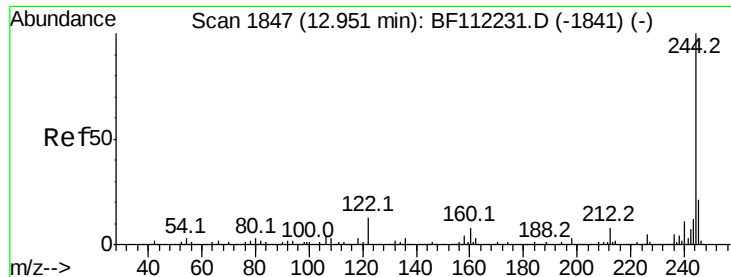


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 39.004 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.02 min

Lab File: BF112252.D

Acq: 26 Jan 2019 00:35

Instrument :

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ClientSampleId :

SU-04-012419-B

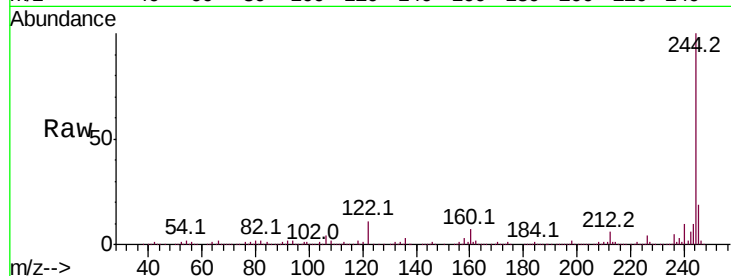
Tot Ion:244 Resp: 898832

Ion Ratio Lower Upper

244 100

212 6.4 5.9 8.9

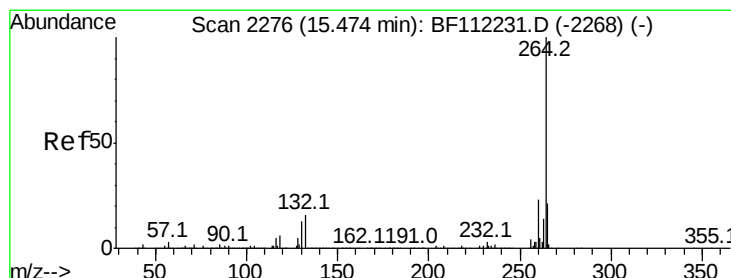
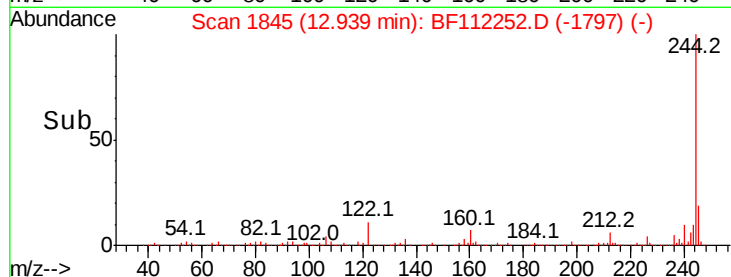
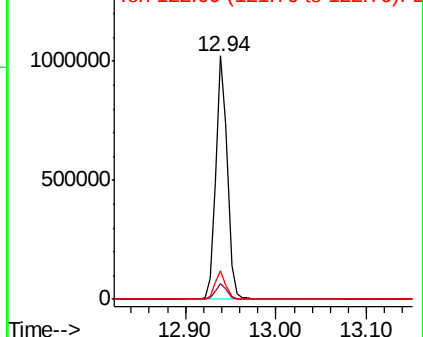
122 11.5 9.8 14.6



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: 15.46 min Scan# 2274

Delta R.T. -0.01 min

Lab File: BF112252.D

Acq: 26 Jan 2019 00:35

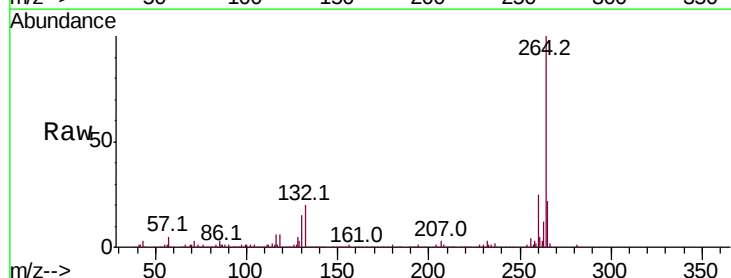
Tgt Ion:264 Resp: 443257

Ion Ratio Lower Upper

264 100

260 24.5 18.2 27.2

265 21.8 17.0 25.4



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

