

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032219\
 Data File : BF113249.D
 Acq On : 22 Mar 2019 22:07
 Operator : JU/SJ
 Sample : K2034-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 031619-LIFT-E-D-B

Quant Time: Mar 23 01:26:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	142606	20.00	ng	-0.02
21) Naphthalene-d8	8.00	136	516399	20.00	ng	-0.02
39) Acenaphthene-d10	9.75	164	247860	20.00	ng	-0.02
64) Phenanthrene-d10	11.23	188	419082	20.00	ng	-0.02
76) Chrysene-d12	13.86	240	376272	20.00	ng	-0.01
87) Perylene-d12	15.27	264	381122	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	325255	35.48	ng	-0.02
7) Phenol-d6	6.36	99	274690	23.85	ng	-0.02
23) Nitrobenzene-d5	7.27	82	791827	91.75	ng	-0.02
42) 2,4,6-Tribromophenol	10.53	330	244925	93.08	ng	-0.02
45) 2-Fluorobiphenyl	9.07	172	1464040	103.90	ng	-0.02
79) Terphenyl-d14	12.81	244	1116594	57.53	ng	-0.01

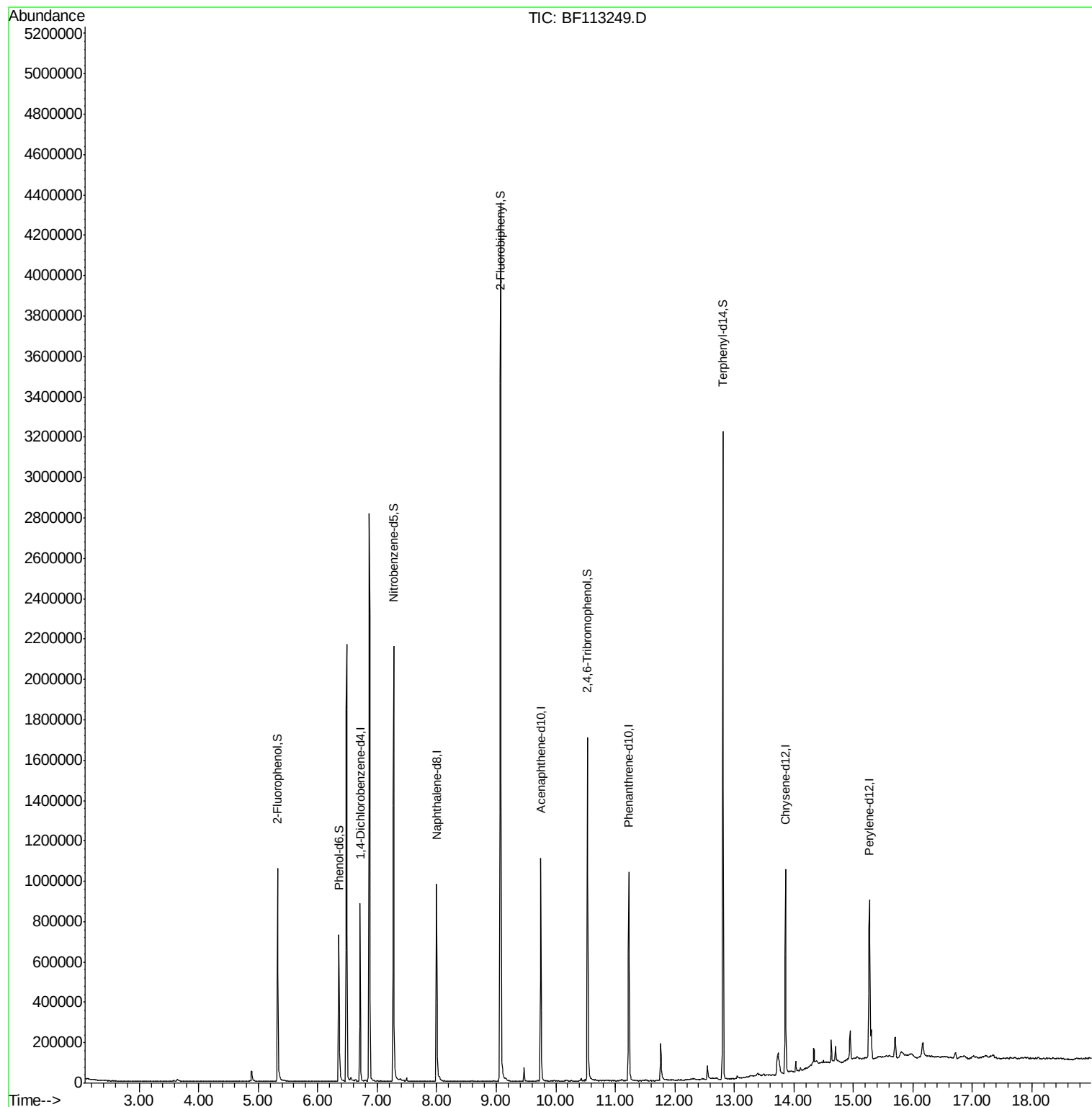
Target Compounds	Qvalue
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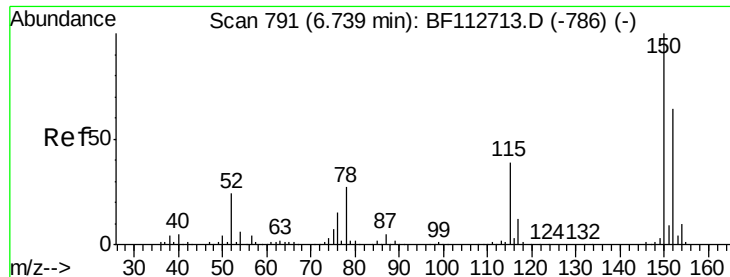
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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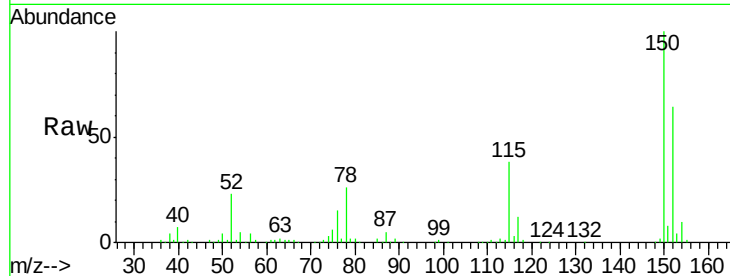


#1

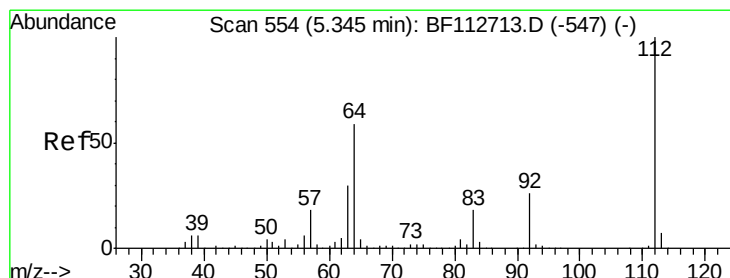
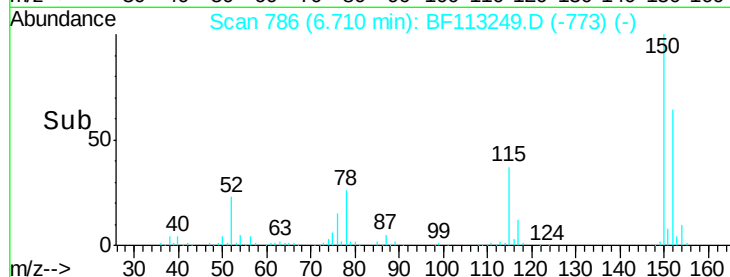
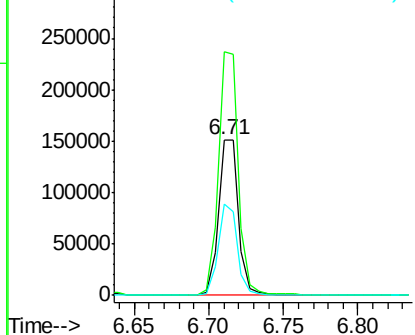
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.02 min
Lab File: BF113249.D
Acq: 22 Mar 2019 22:07

Instrument :
BNA_F
ClientSampleId :
031619-LIFT-E-D-B

Tgt Ion:152 Resp: 142606
Ion Ratio Lower Upper
152 100
150 156.4 124.2 186.2
115 58.7 48.2 72.4



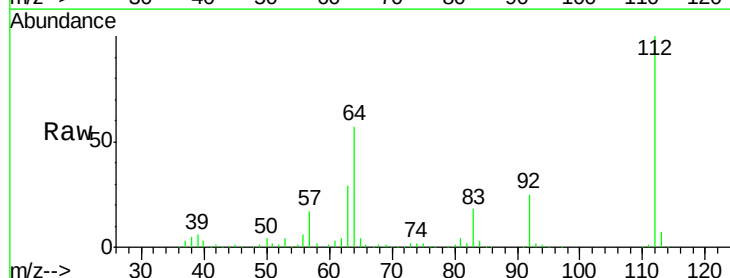
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



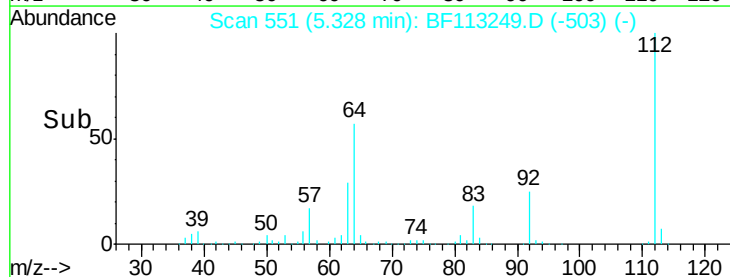
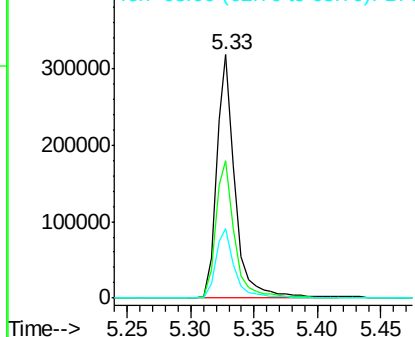
#5

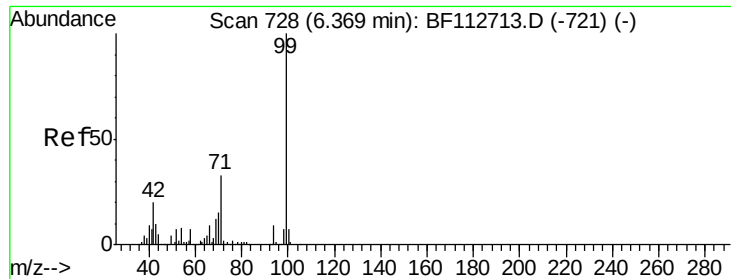
2-Fluorophenol
Concen: 35.479 ng
RT: 5.33 min Scan# 551
Delta R.T. -0.02 min
Lab File: BF113249.D
Acq: 22 Mar 2019 22:07

Tgt Ion:112 Resp: 325255
Ion Ratio Lower Upper
112 100
64 56.7 47.6 71.4
63 28.7 24.4 36.6



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: 23.853 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.02 min

Lab File: BF113249.D

Acq: 22 Mar 2019 22:07

Instrument :

BNA_F

ClientSampleId :

031619-LIFT-E-D-B

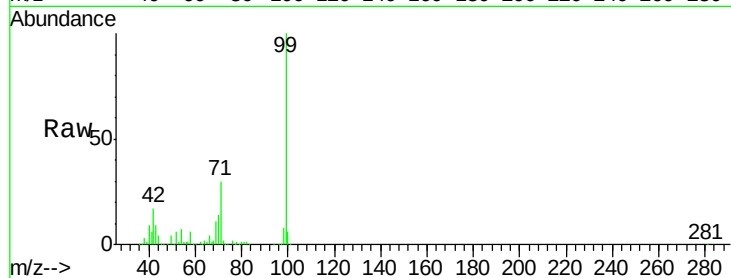
Tgt Ion: 99 Resp: 274690

Ion Ratio Lower Upper

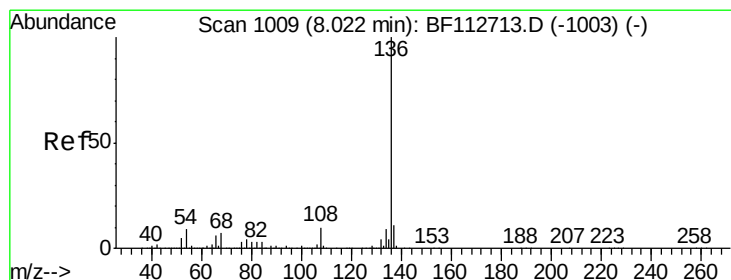
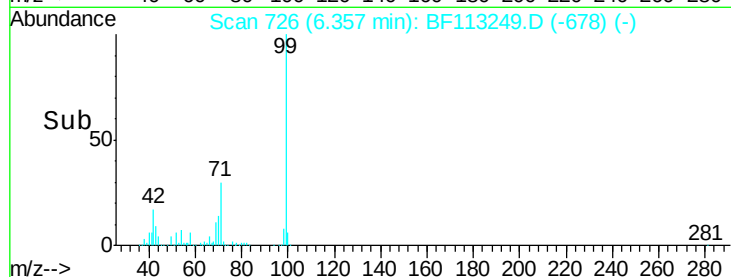
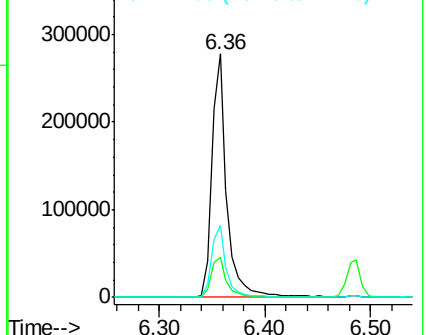
99 100

42 16.7 16.3 24.5

71 29.7 26.2 39.4



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: 8.00 min Scan# 1005

Delta R.T. -0.02 min

Lab File: BF113249.D

Acq: 22 Mar 2019 22:07

Tgt Ion: 136 Resp: 516399

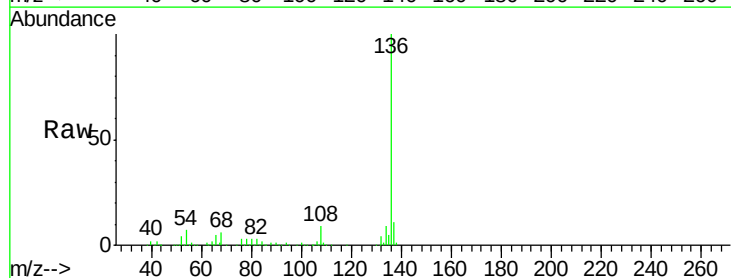
Ion Ratio Lower Upper

136 100

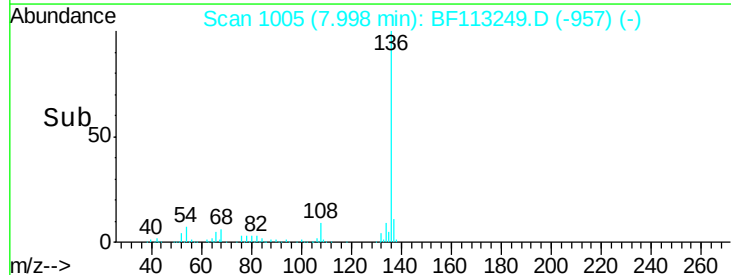
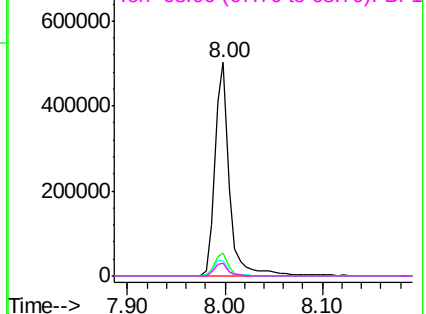
137 10.8 8.9 13.3

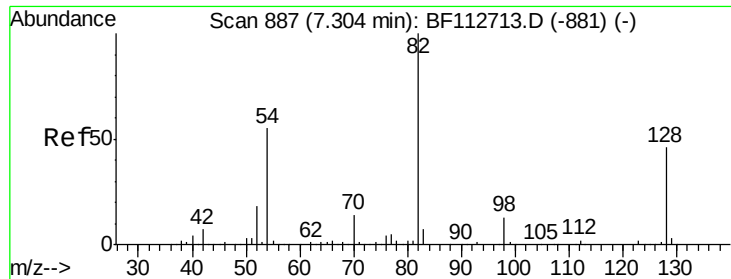
54 7.5 7.3 10.9

68 5.8 5.4 8.2



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

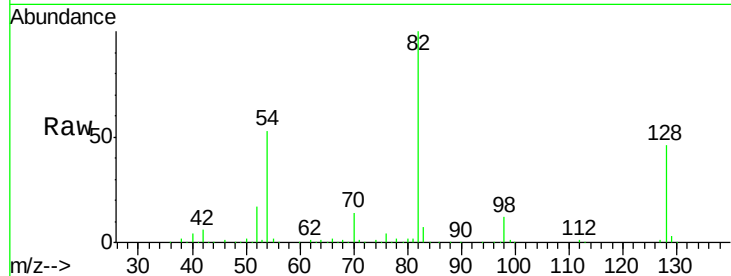




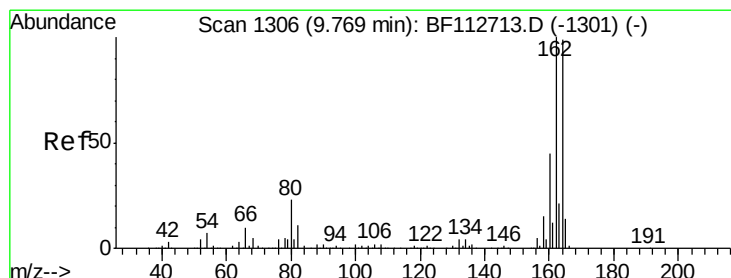
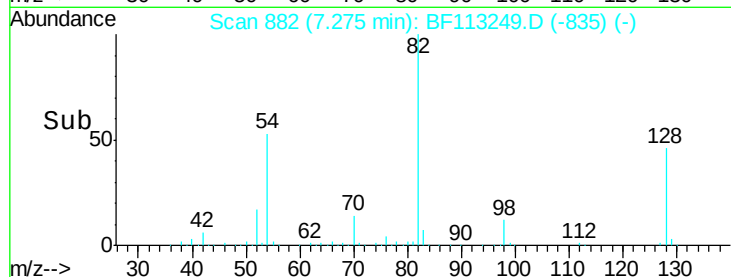
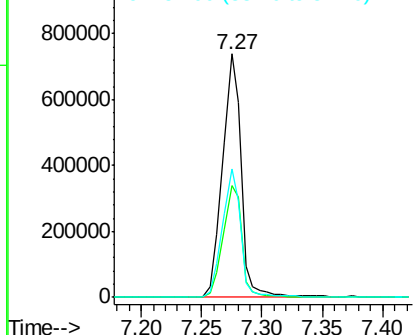
#23
 Nitrobenzene-d5
 Concen: 91.753 ng
 RT: 7.27 min Scan# 882
 Delta R.T. -0.02 min
 Lab File: BF113249.D
 Acq: 22 Mar 2019 22:07

Instrument :
 BNA_F
 ClientSampleId :
 031619-LIFT-E-D-B

Tgt Ion: 82 Resp: 791827
 Ion Ratio Lower Upper
 82 100
 128 46.2 36.3 54.5
 54 52.8 43.7 65.5

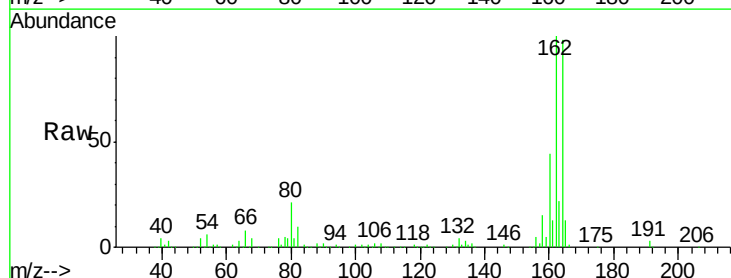


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

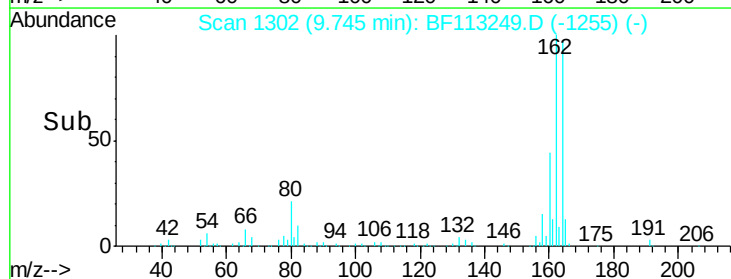
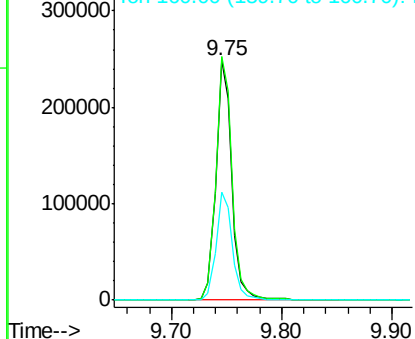


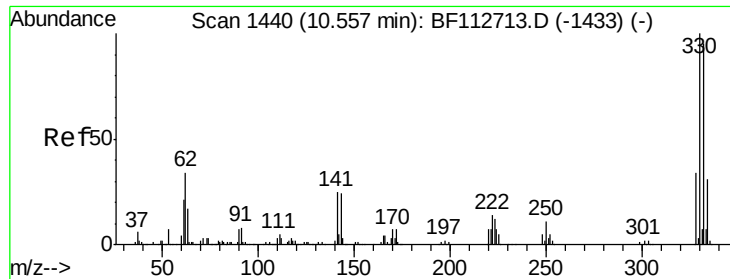
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.02 min
 Lab File: BF113249.D
 Acq: 22 Mar 2019 22:07

Tgt Ion: 164 Resp: 247860
 Ion Ratio Lower Upper
 164 100
 162 101.8 80.6 120.8
 160 45.0 36.0 54.0



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1

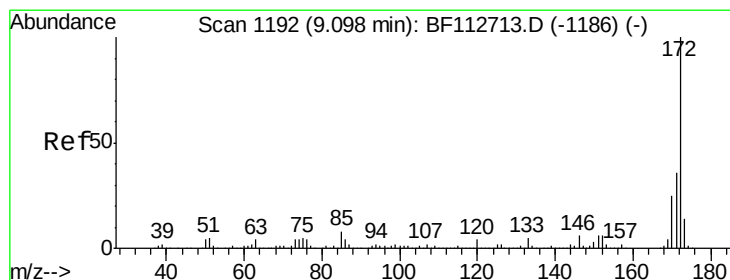
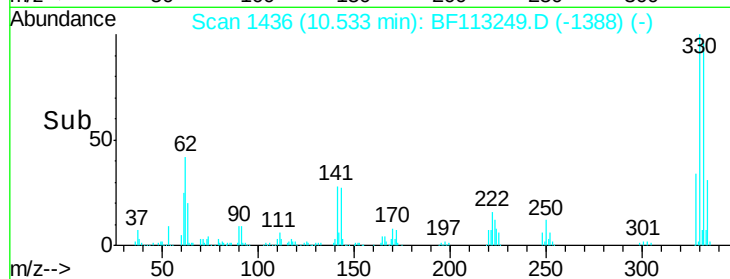
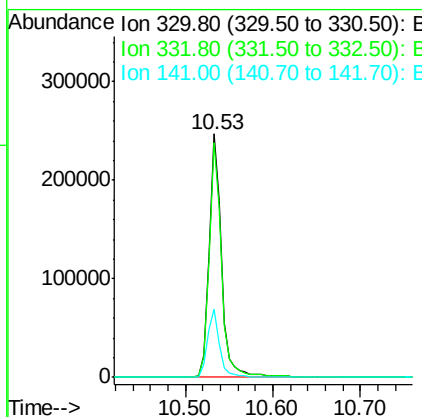
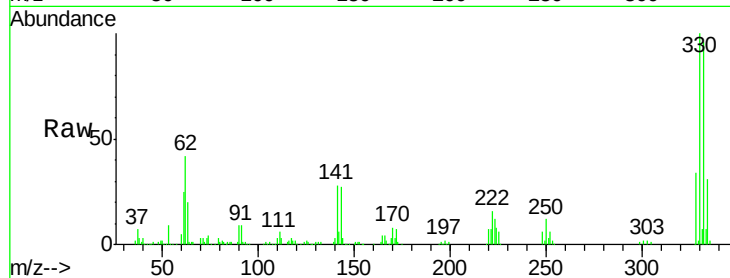




#42
 2,4,6-Tribromophenol
 Concen: 93.080 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. -0.02 min
 Lab File: BF113249.D
 Acq: 22 Mar 2019 22:07

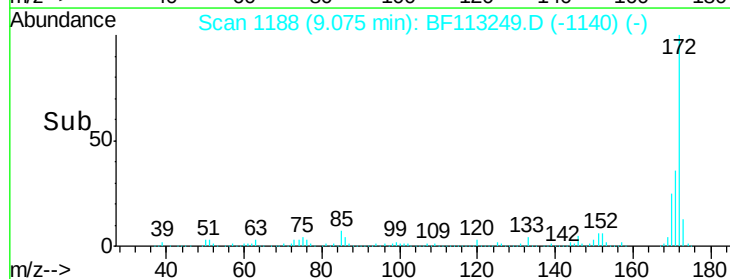
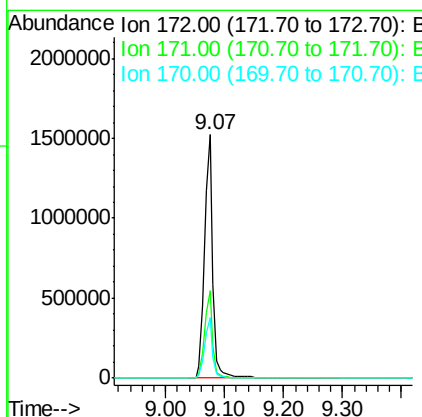
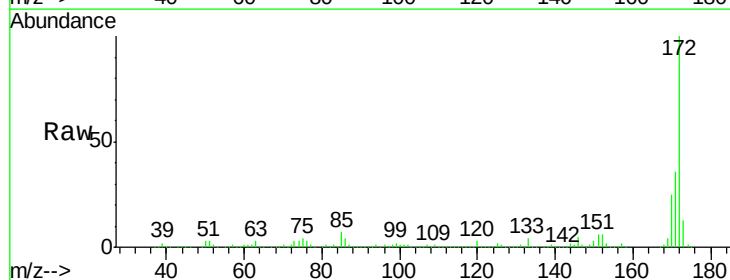
Instrument :
 BNA_F
 ClientSampleId :
 031619-LIFT-E-D-B

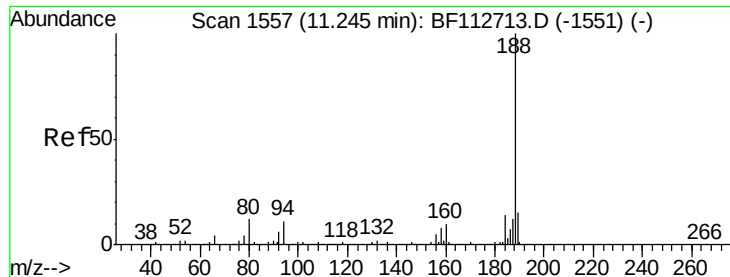
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.2	114.4
141	27.5	27.0	40.6



#45
 2-Fluorobiphenyl
 Concen: 103.901 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.02 min
 Lab File: BF113249.D
 Acq: 22 Mar 2019 22:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.0	43.4
170	24.7	20.0	30.0

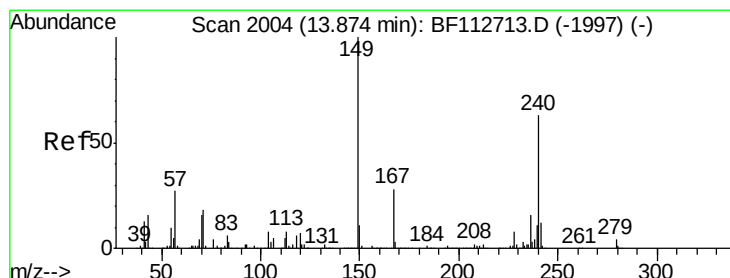
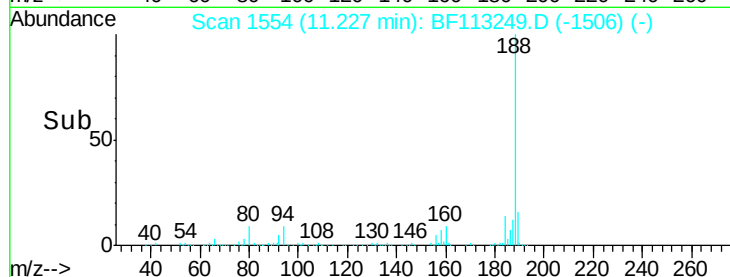
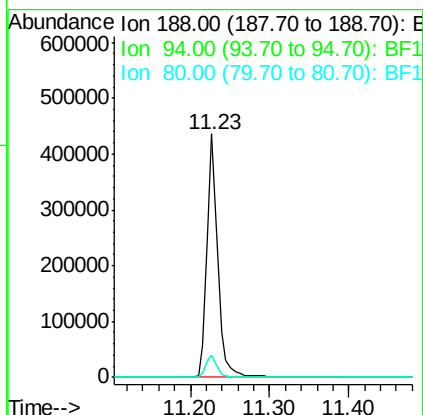
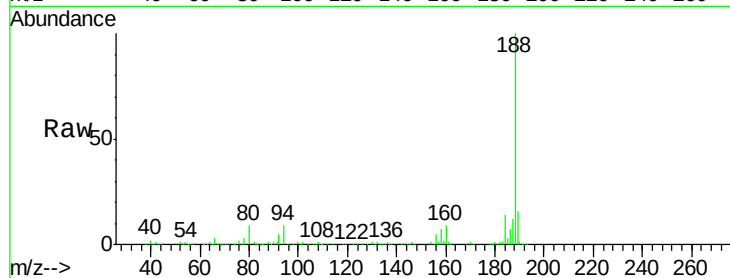




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.02 min
Lab File: BF113249.D
Acq: 22 Mar 2019 22:07

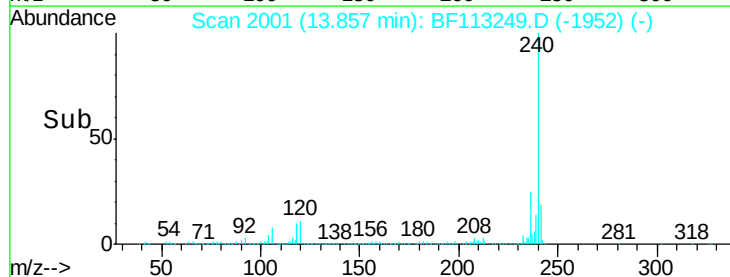
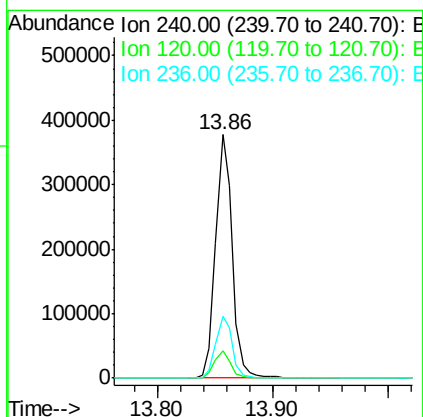
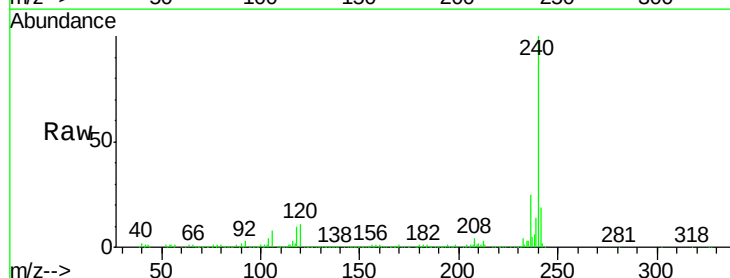
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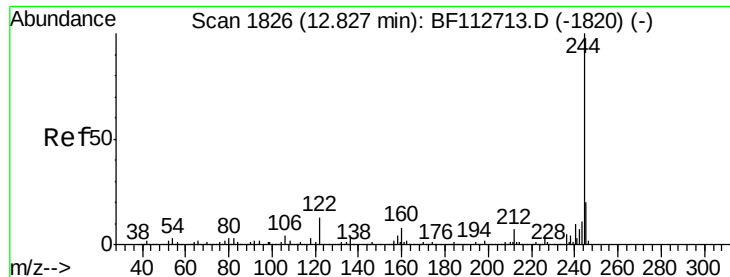
Tgt Ion:188 Resp: 419082
Ion Ratio Lower Upper
188 100
94 9.0 9.0 13.4
80 9.3 9.2 13.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF113249.D
Acq: 22 Mar 2019 22:07

Tgt Ion:240 Resp: 376272
Ion Ratio Lower Upper
240 100
120 11.4 8.9 13.3
236 25.3 20.7 31.1





#79

Terphenyl-d14

Concen: 57.525 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BF113249.D

Acq: 22 Mar 2019 22:07

Instrument :

BNA_F

ClientSampleId :

031619-LIFT-E-D-B

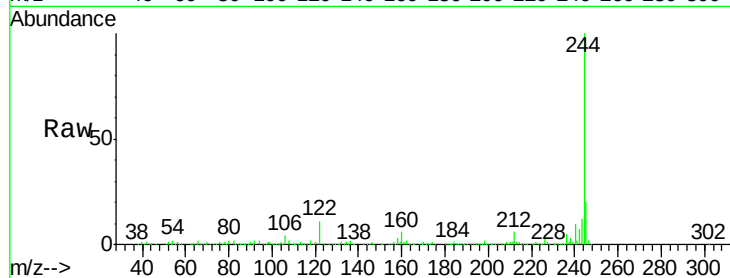
Tgt Ion:244 Resp: 1116594

Ion Ratio Lower Upper

244 100

212 6.5 5.6 8.4

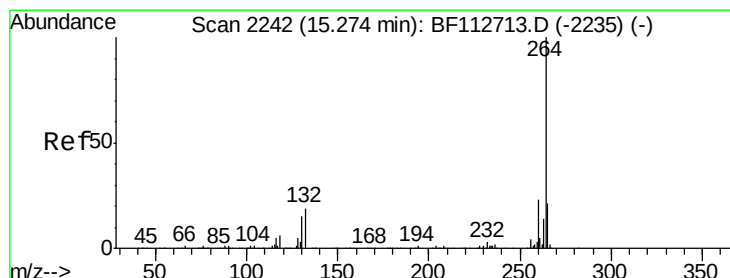
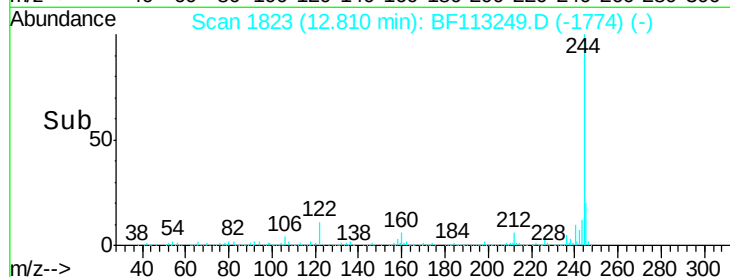
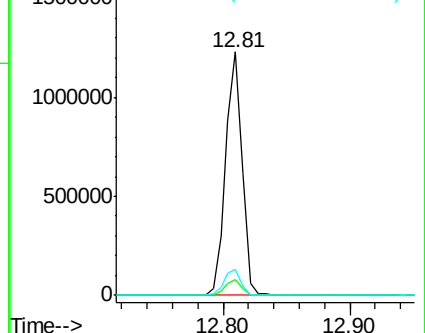
122 10.5 10.5 15.7



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: 15.27 min Scan# 2241

Delta R.T. -0.01 min

Lab File: BF113249.D

Acq: 22 Mar 2019 22:07

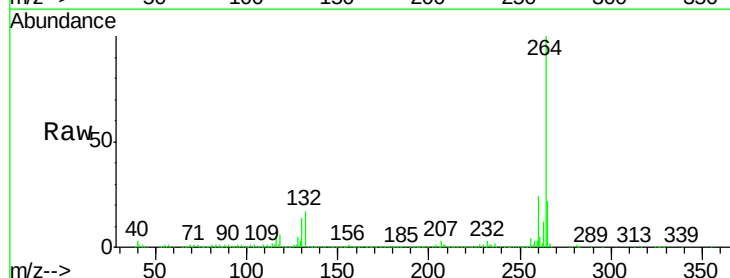
Tgt Ion:264 Resp: 381122

Ion Ratio Lower Upper

264 100

260 24.0 18.7 28.1

265 21.8 17.2 25.8



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

