

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032219\
 Data File : BF113251.D
 Acq On : 22 Mar 2019 23:03
 Operator : JU/SJ
 Sample : K2034-03
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

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

Quant Time: Mar 23 01:29:17 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	144223	20.00	ng	-0.02
21) Naphthalene-d8	8.00	136	536874	20.00	ng	-0.02
39) Acenaphthene-d10	9.75	164	250826	20.00	ng	-0.02
64) Phenanthrene-d10	11.23	188	415452	20.00	ng	-0.02
76) Chrysene-d12	13.86	240	391315	20.00	ng	-0.01
87) Perylene-d12	15.27	264	397873	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	297038	32.04	ng	-0.02
7) Phenol-d6	6.36	99	239422	20.56	ng	-0.02
23) Nitrobenzene-d5	7.27	82	804293	89.64	ng	-0.02
42) 2,4,6-Tribromophenol	10.53	330	244572	91.85	ng	-0.02
45) 2-Fluorobiphenyl	9.07	172	1475845	103.30	ng	-0.02
79) Terphenyl-d14	12.81	244	1176718	58.29	ng	-0.01

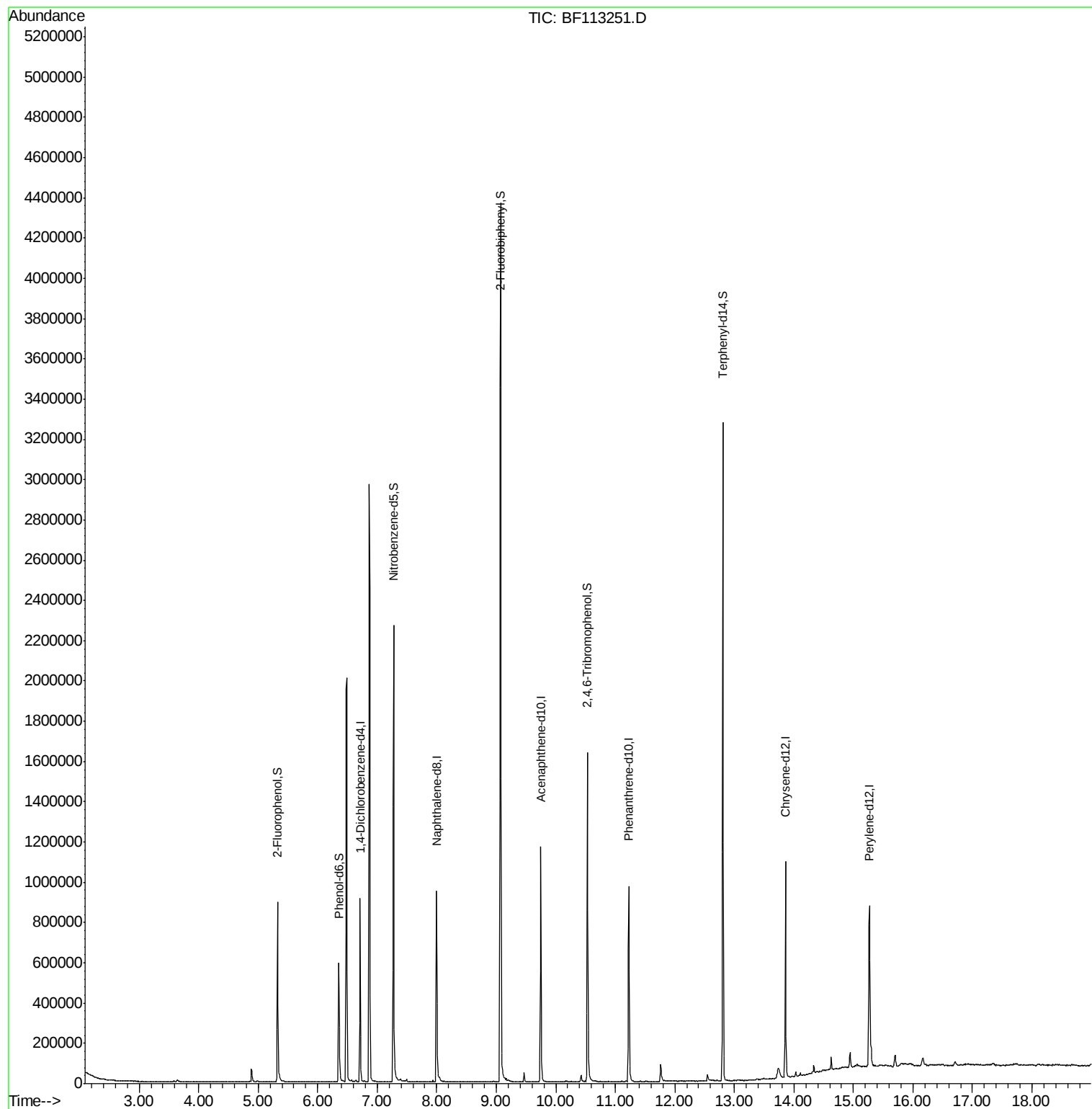
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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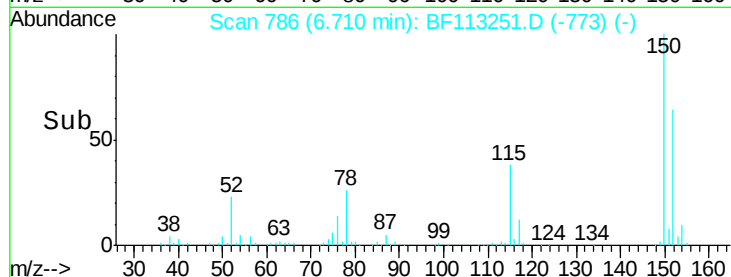
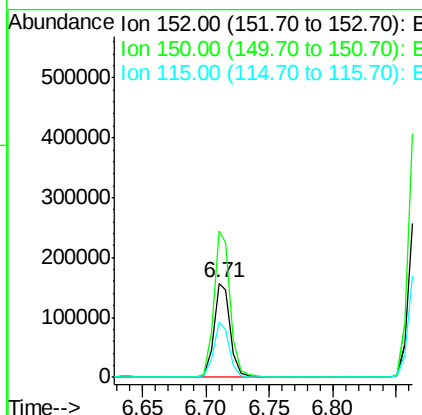
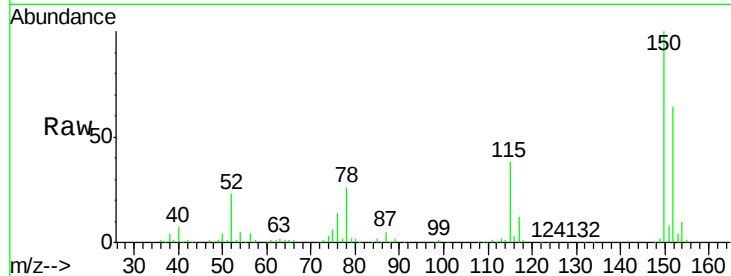


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.02 min
Lab File: BF113251.D
Acq: 22 Mar 2019 23:03

Instrument :
BNA_F
ClientSampleId :
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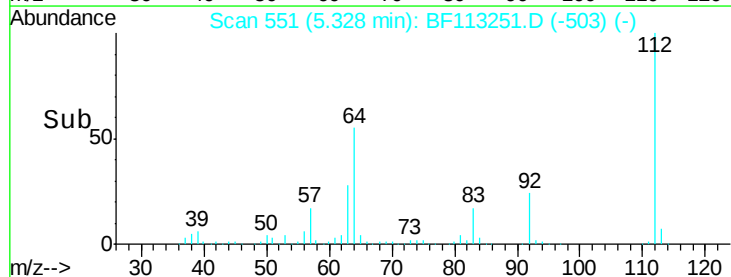
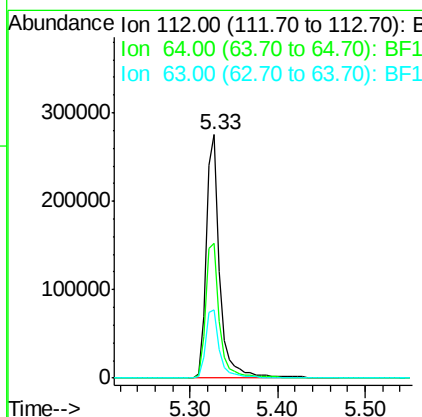
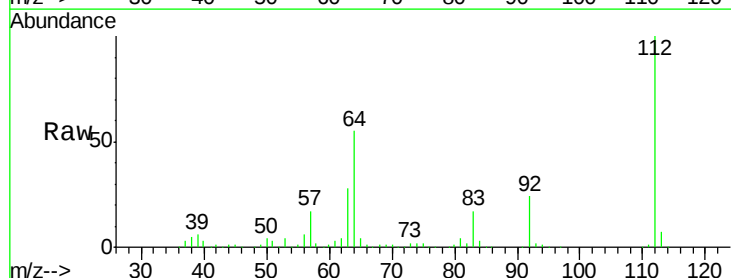
Tgt Ion:152 Resp: 144223
Ion Ratio Lower Upper
152 100
150 155.7 124.2 186.2
115 58.6 48.2 72.4

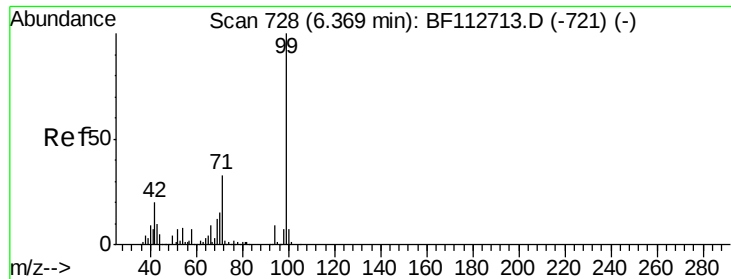


#5

2-Fluorophenol
Concen: 32.038 ng
RT: 5.33 min Scan# 551
Delta R.T. -0.02 min
Lab File: BF113251.D
Acq: 22 Mar 2019 23:03

Tgt Ion:112 Resp: 297038
Ion Ratio Lower Upper
112 100
64 55.4 47.6 71.4
63 28.0 24.4 36.6





#7

Phenol-d6

Concen: 20.557 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.02 min

Lab File: BF113251.D

Acq: 22 Mar 2019 23:03

Instrument :

BNA_F

ClientSampleId :

031619-LIFT-E-D-S

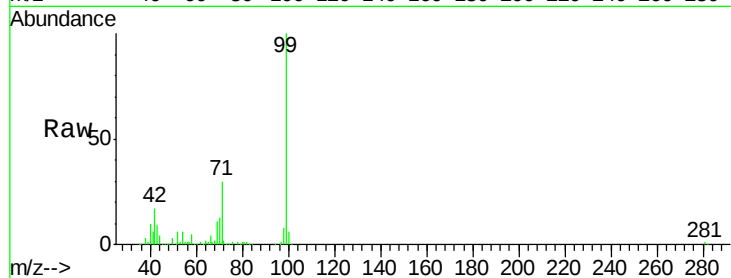
Tgt Ion: 99 Resp: 239422

Ion Ratio Lower Upper

99 100

42 16.5 16.3 24.5

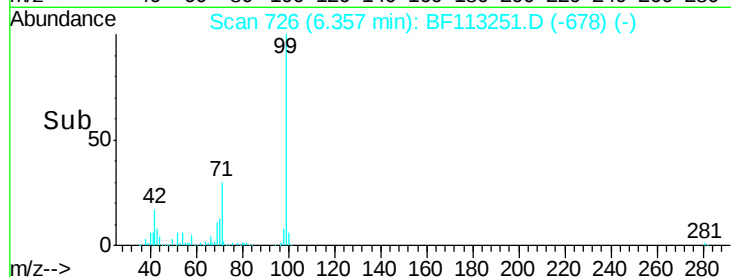
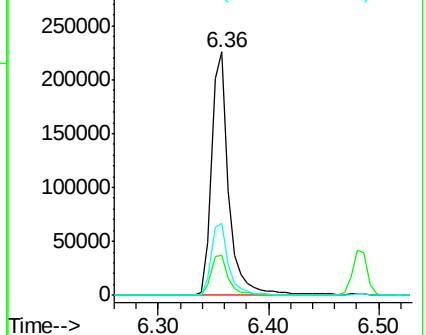
71 29.7 26.2 39.4



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: BF113251.D

Acq: 22 Mar 2019 23:03

Tgt Ion: 136 Resp: 536874

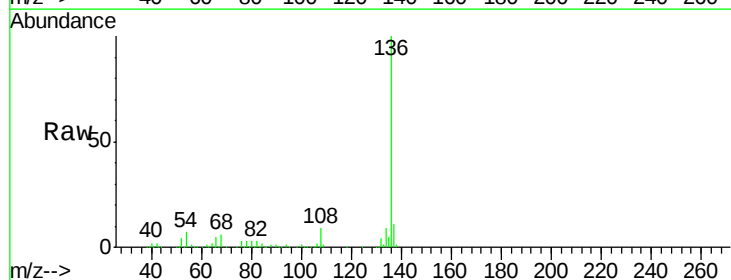
Ion Ratio Lower Upper

136 100

137 10.5 8.9 13.3

54 7.5 7.3 10.9

68 5.7 5.4 8.2

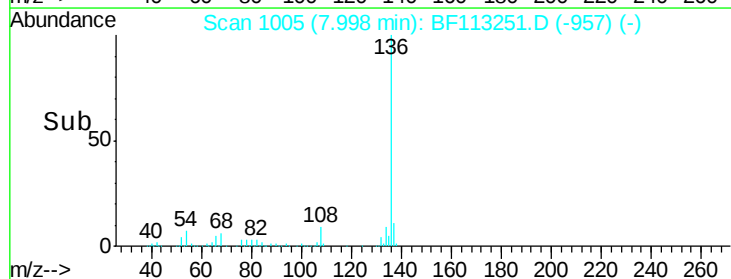
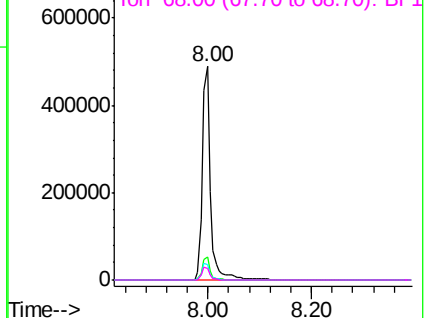


Abundance Ion 136.00 (135.70 to 136.70): E

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

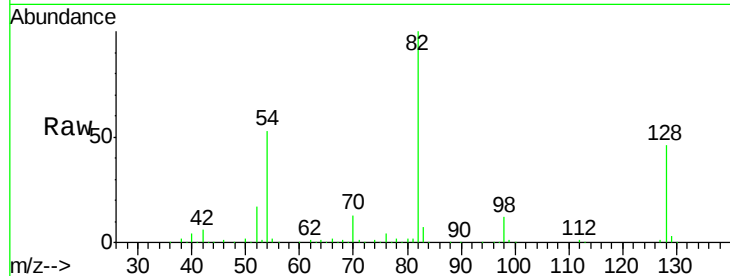




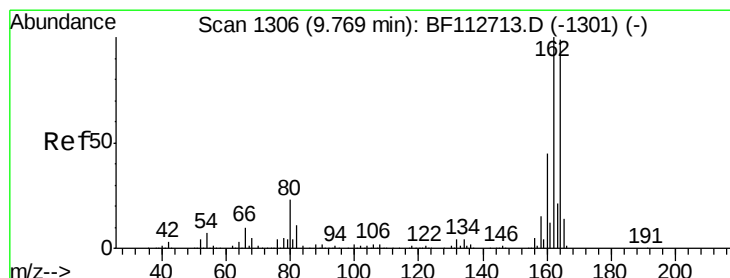
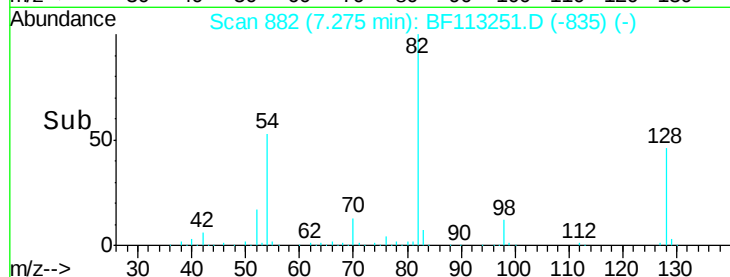
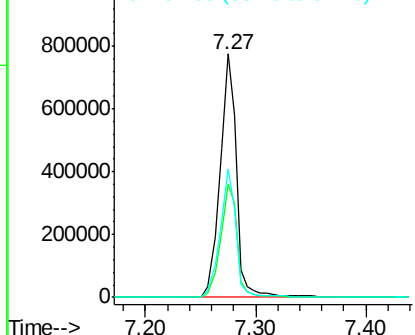
#23
Nitrobenzene-d5
Concen: 89.643 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.02 min
Lab File: BF113251.D
Acq: 22 Mar 2019 23:03

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

Tgt Ion: 82 Resp: 804293
Ion Ratio Lower Upper
82 100
128 46.2 36.3 54.5
54 52.9 43.7 65.5

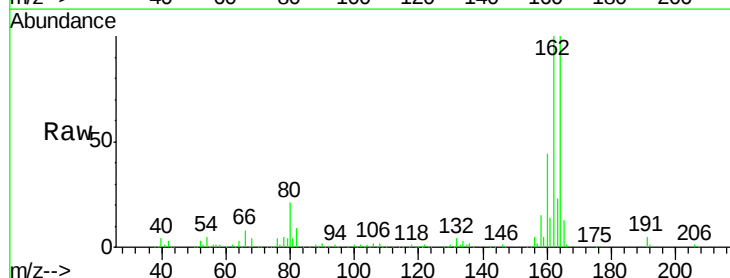


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

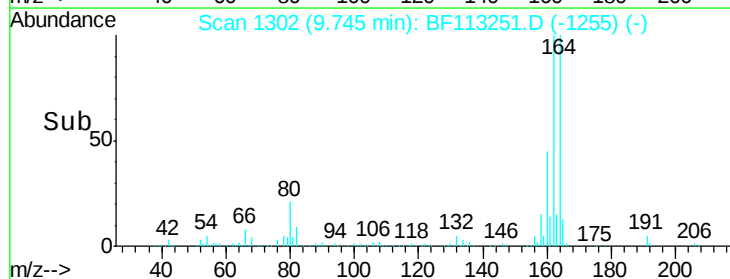
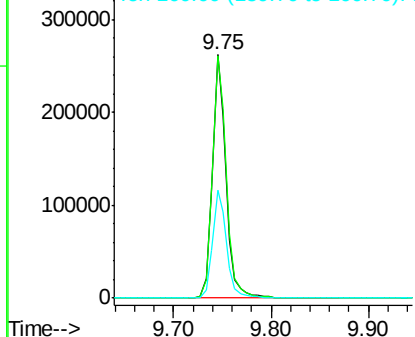


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.02 min
Lab File: BF113251.D
Acq: 22 Mar 2019 23:03

Tgt Ion: 164 Resp: 250826
Ion Ratio Lower Upper
164 100
162 99.6 80.6 120.8
160 44.4 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: 91.847 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.02 min

Lab File: BF113251.D

Acq: 22 Mar 2019 23:03

Instrument :

BNA_F

ClientSampleId :

031619-LIFT-E-D-S

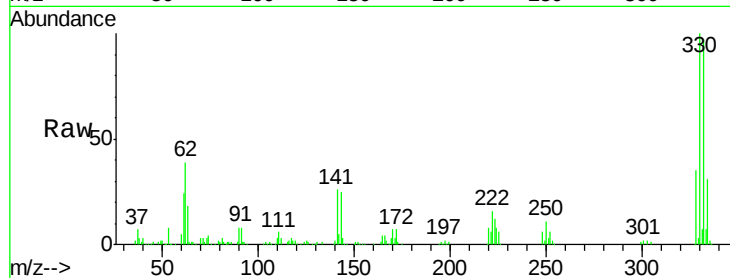
Tgt Ion:330 Resp: 244572

Ion Ratio Lower Upper

330 100

332 96.5 76.2 114.4

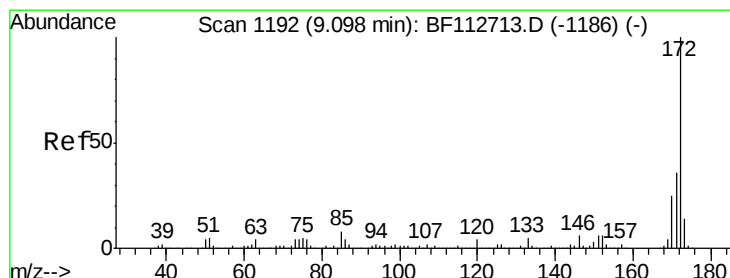
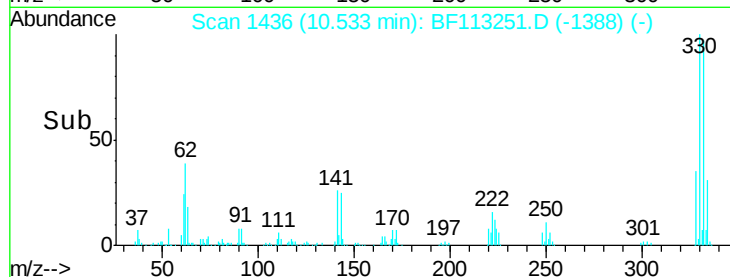
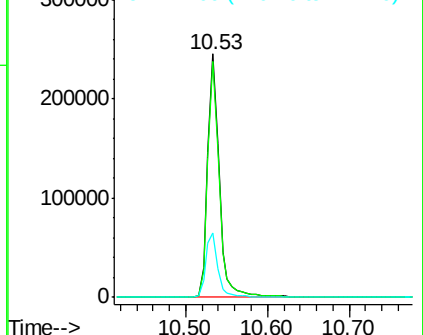
141 27.5 27.0 40.6



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: 103.300 ng

RT: 9.07 min Scan# 1188

Delta R.T. -0.02 min

Lab File: BF113251.D

Acq: 22 Mar 2019 23:03

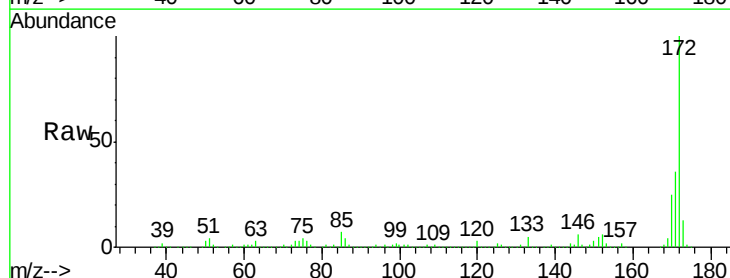
Tgt Ion:172 Resp: 1475845

Ion Ratio Lower Upper

172 100

171 36.2 29.0 43.4

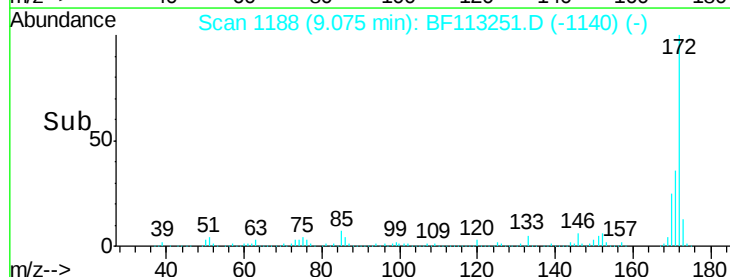
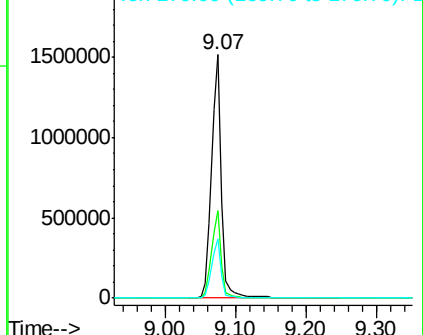
170 24.6 20.0 30.0

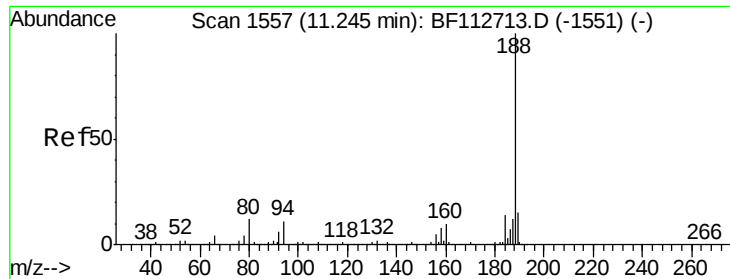


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

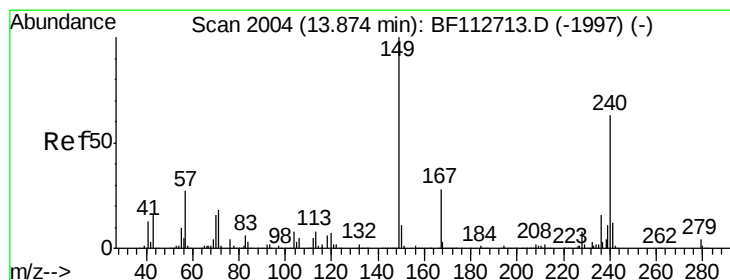
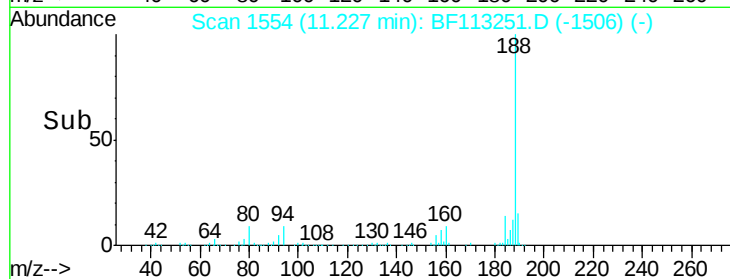
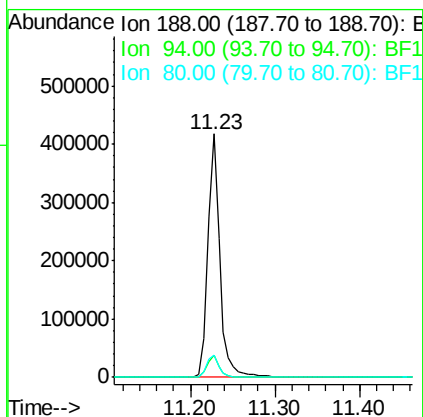
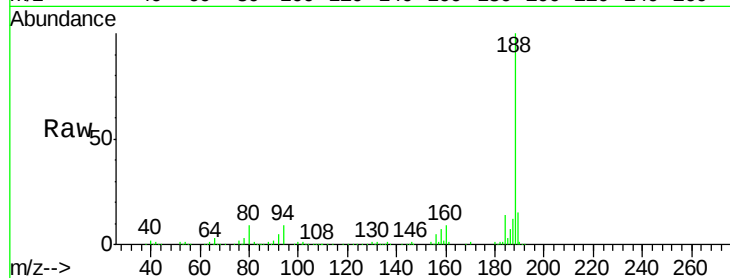




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.02 min
Lab File: BF113251.D
Acq: 22 Mar 2019 23:03

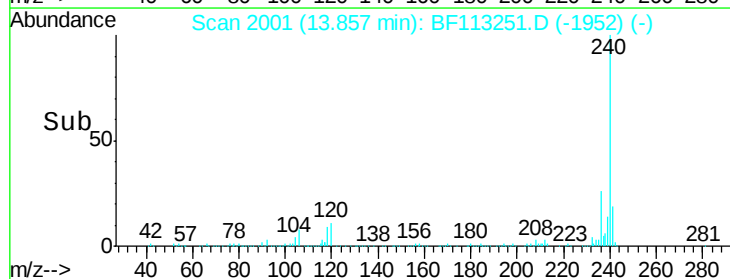
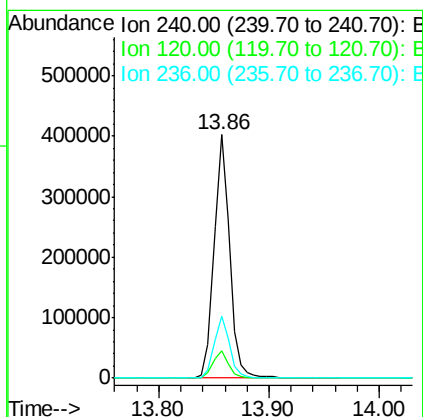
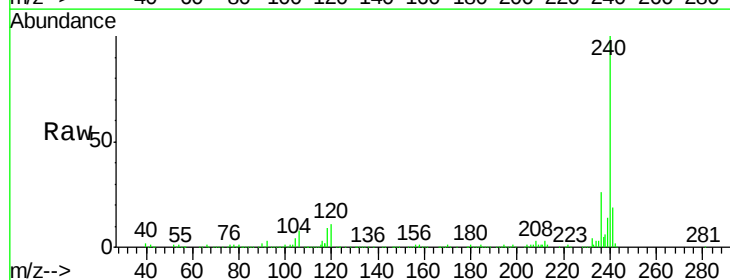
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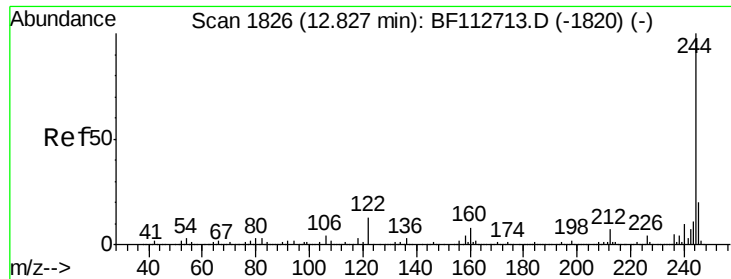
Tgt Ion:188 Resp: 415452
Ion Ratio Lower Upper
188 100
94 9.0 9.0 13.4
80 9.1 9.2 13.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF113251.D
Acq: 22 Mar 2019 23:03

Tgt Ion:240 Resp: 391315
Ion Ratio Lower Upper
240 100
120 11.1 8.9 13.3
236 25.7 20.7 31.1

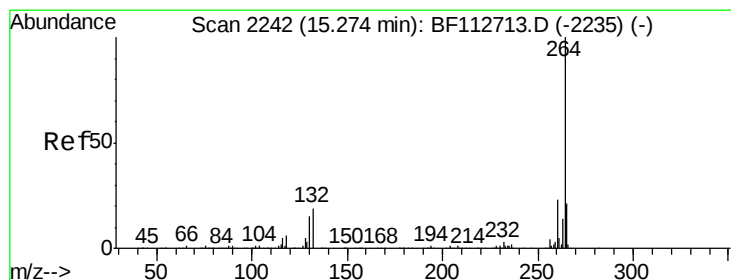
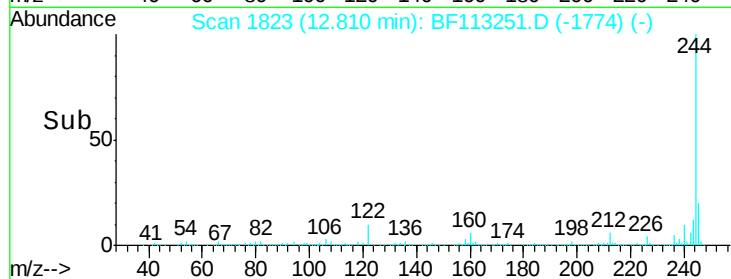
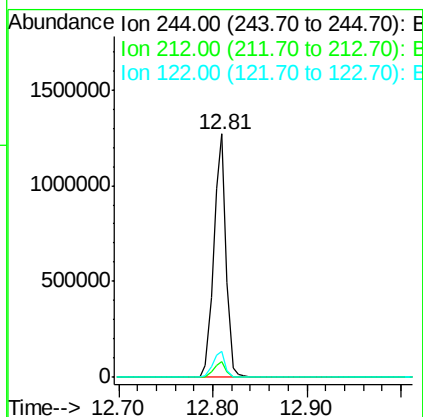
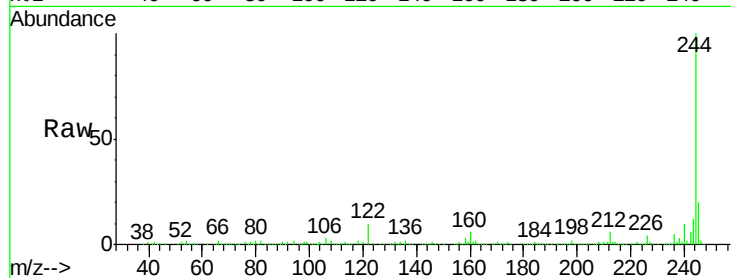




#79
 Terphenyl-d14
 Concen: 58.292 ng
 RT: 12.81 min Scan# 1823
 Delta R.T. -0.01 min
 Lab File: BF113251.D
 Acq: 22 Mar 2019 23:03

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

Tgt Ion:244 Resp: 1176718
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.6 8.4
 122 10.5 10.5 15.7



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.27 min Scan# 2241
 Delta R.T. -0.01 min
 Lab File: BF113251.D
 Acq: 22 Mar 2019 23:03

Tgt Ion:264 Resp: 397873
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.7 28.1
 265 21.4 17.2 25.8

