

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040119\
 Data File : BF113489.D
 Acq On : 2 Apr 2019 4:18
 Operator : JU/SJ
 Sample : K2177-05
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 032819-LIFT-E-U-M

Quant Time: Apr 02 06:29:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	145176	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	528694	20.00	ng	0.00
39) Acenaphthene-d10	9.74	164	229523	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	417137	20.00	ng	0.00
76) Chrysene-d12	13.84	240	403288	20.00	ng	0.00
87) Perylene-d12	15.26	264	262041	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	292180	32.91	ng	0.00
7) Phenol-d6	6.35	99	234337	20.86	ng	0.00
23) Nitrobenzene-d5	7.27	82	778387	87.39	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	196737	69.39	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1409813	99.22	ng	0.00
79) Terphenyl-d14	12.80	244	1271683	69.50	ng	0.00

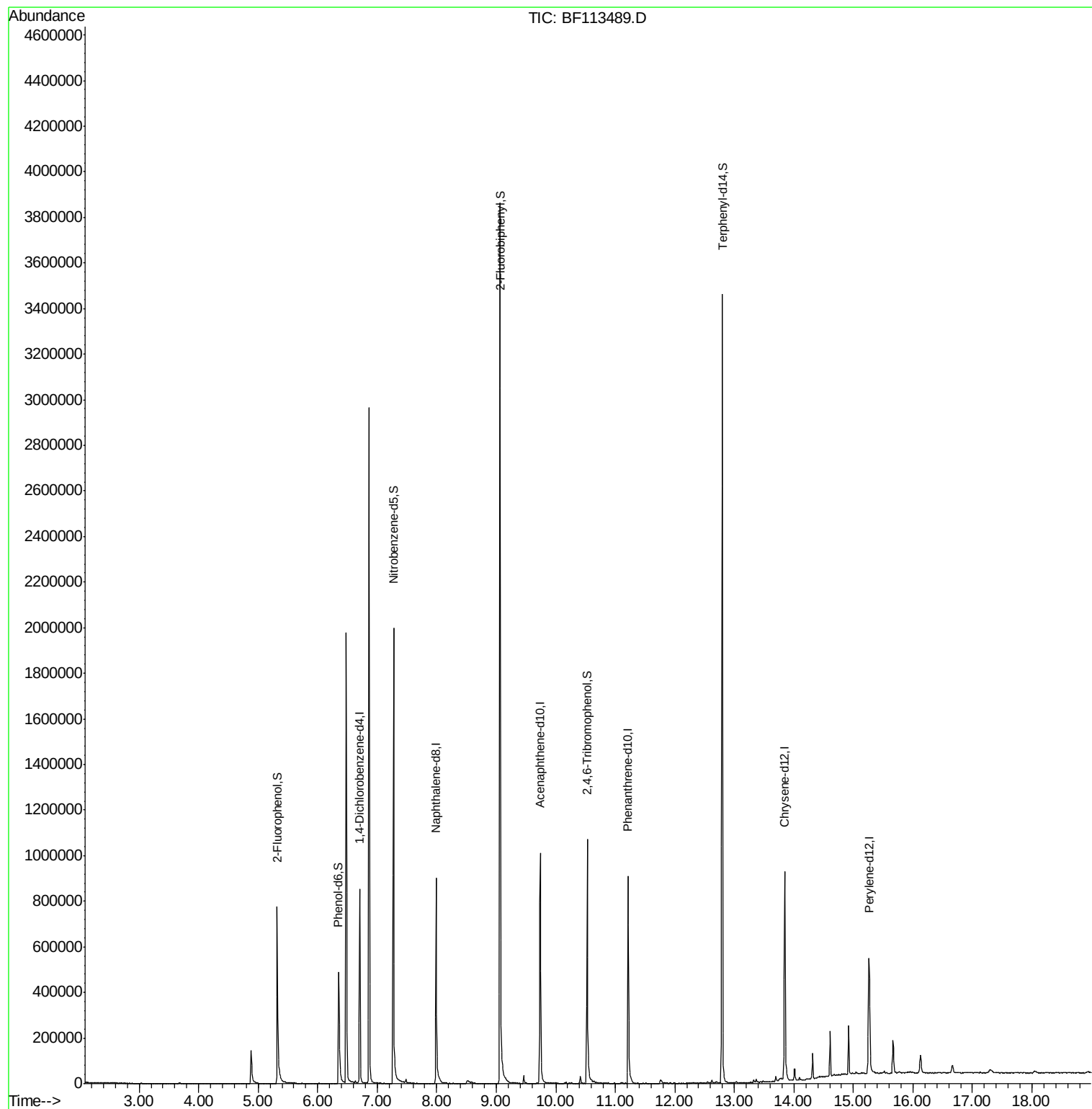
Target Compounds	Qvalue
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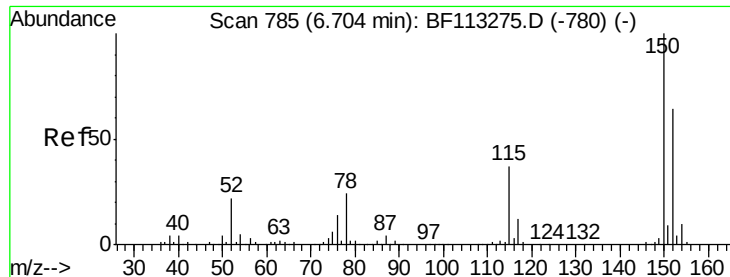
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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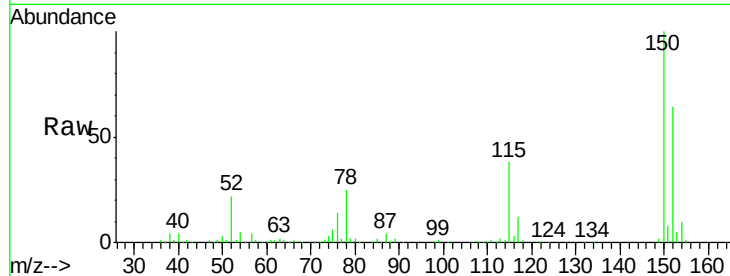


#1

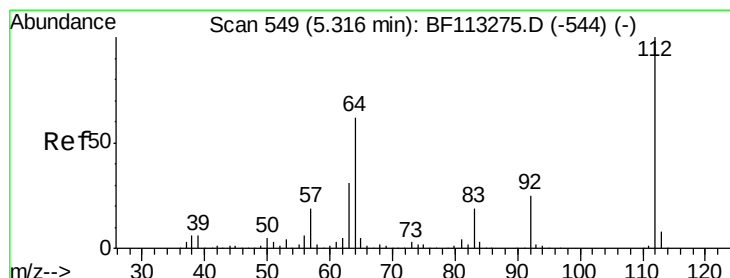
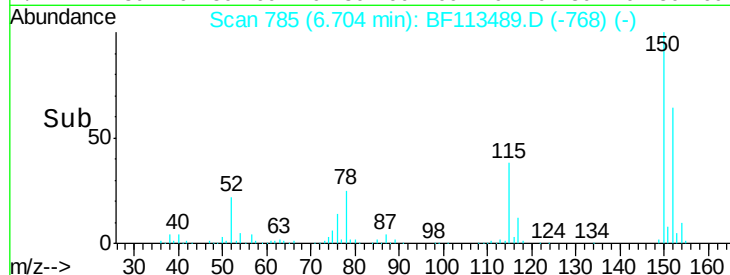
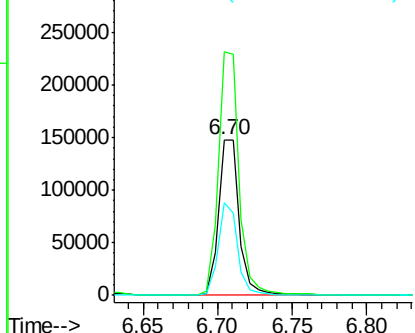
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF113489.D
Acq: 2 Apr 2019 4:18

Instrument :
BNA_F
ClientSampleId :
032819-LIFT-E-U-M

Tgt Ion:152 Resp: 145176
Ion Ratio Lower Upper
152 100
150 156.7 124.7 187.1
115 59.8 46.0 69.0



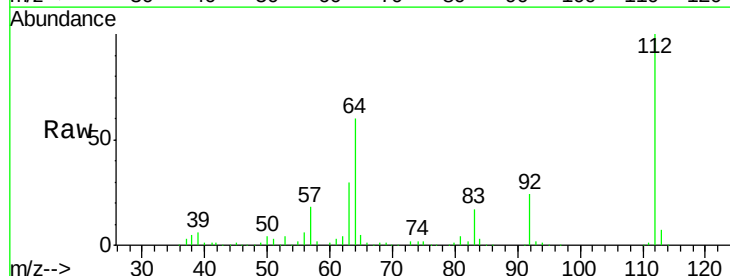
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



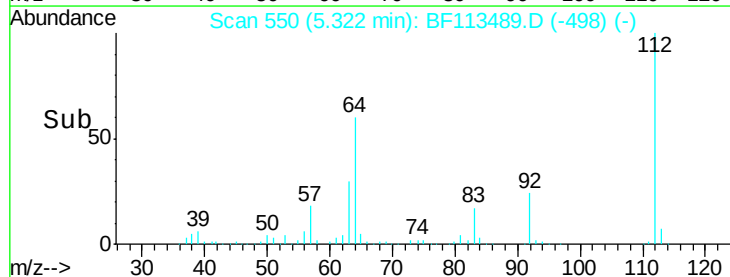
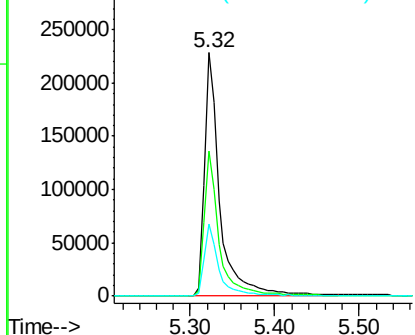
#5

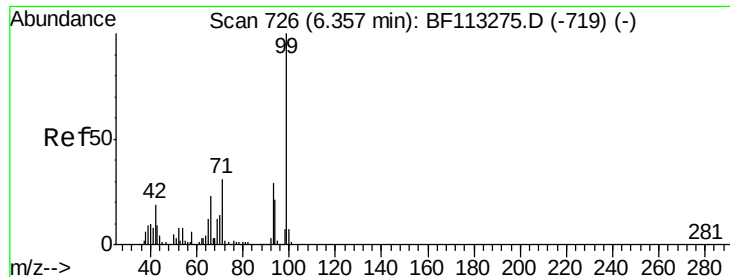
2-Fluorophenol
Concen: 32.908 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF113489.D
Acq: 2 Apr 2019 4:18

Tgt Ion:112 Resp: 292180
Ion Ratio Lower Upper
112 100
64 59.8 49.2 73.8
63 29.7 24.9 37.3



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: 20.863 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF113489.D

Acq: 2 Apr 2019 4:18

Instrument :

BNA_F

ClientSampleId :

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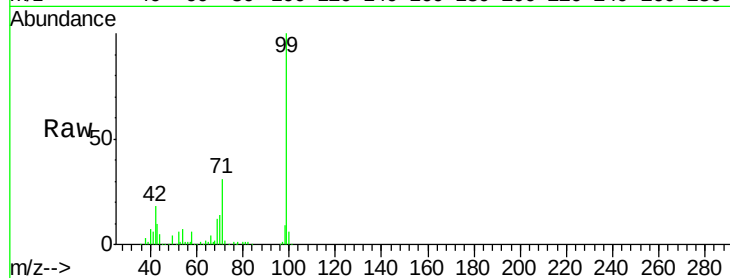
Tgt Ion: 99 Resp: 234337

Ion Ratio Lower Upper

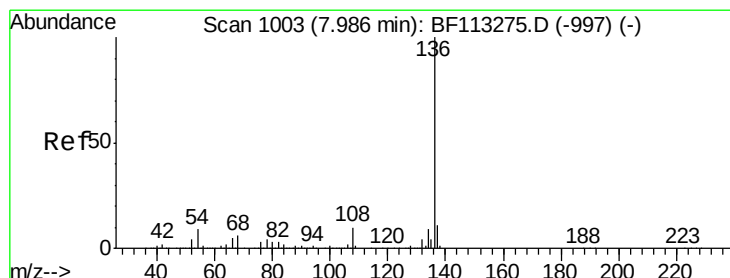
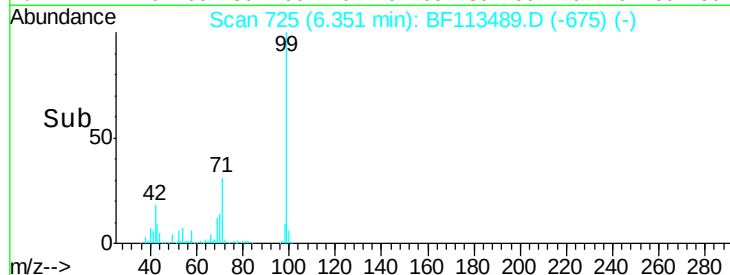
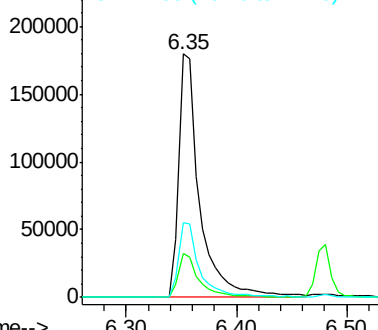
99 100

42 18.1 14.8 22.2

71 30.6 24.9 37.3



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: 7.99 min Scan# 1003

Delta R.T. 0.00 min

Lab File: BF113489.D

Acq: 2 Apr 2019 4:18

Tgt Ion: 136 Resp: 528694

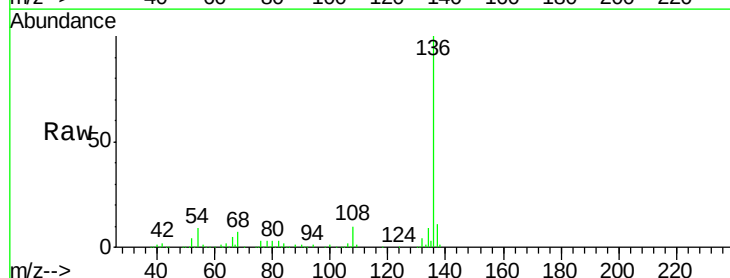
Ion Ratio Lower Upper

136 100

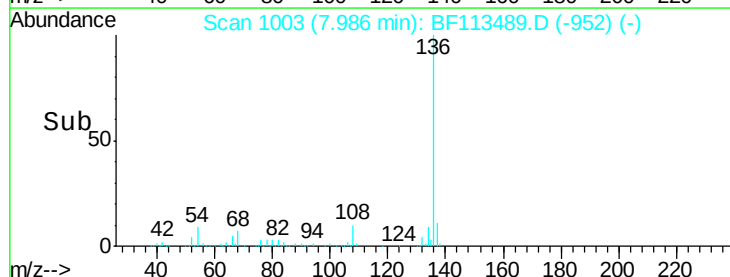
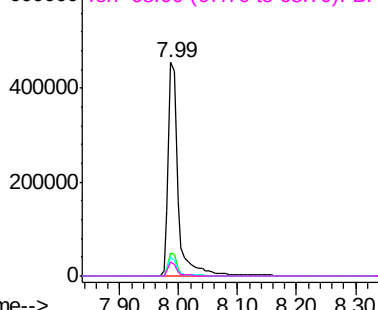
137 10.9 8.9 13.3

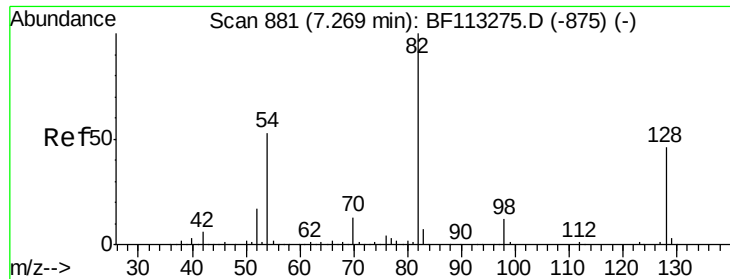
54 8.8 7.0 10.6

68 6.5 4.8 7.2



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

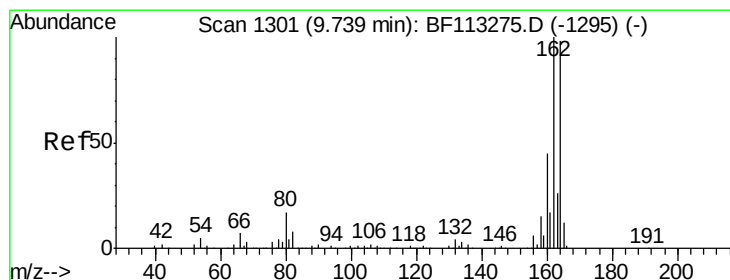
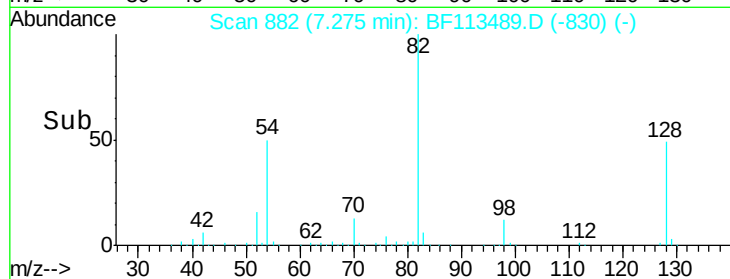
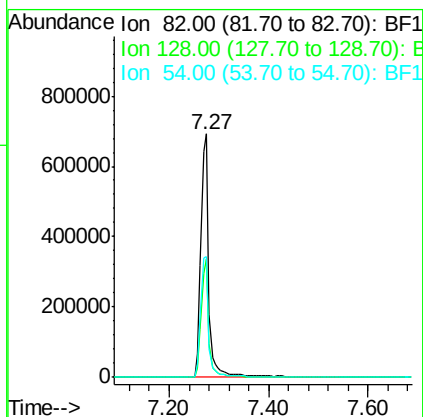
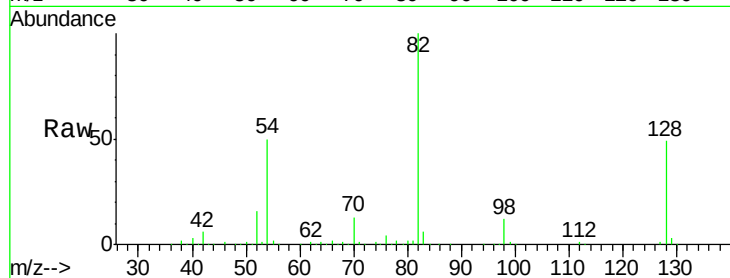




#23
 Nitrobenzene-d5
 Concen: 87.386 ng
 RT: 7.27 min Scan# 882
 Delta R.T. 0.01 min
 Lab File: BF113489.D
 Acq: 2 Apr 2019 4:18

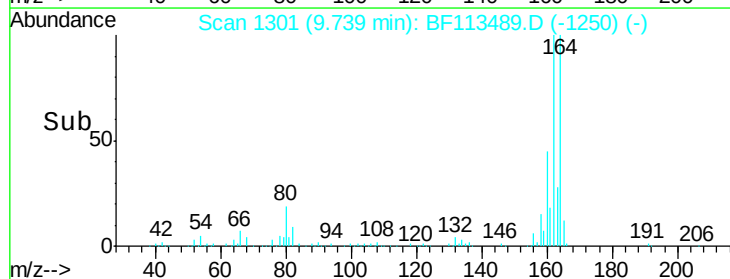
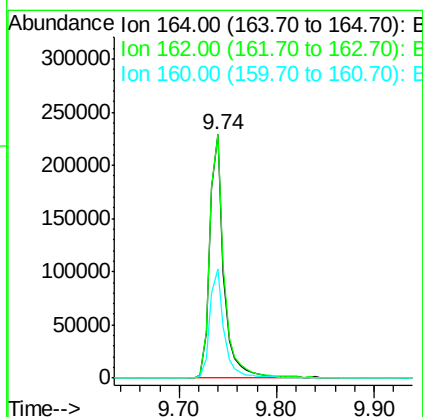
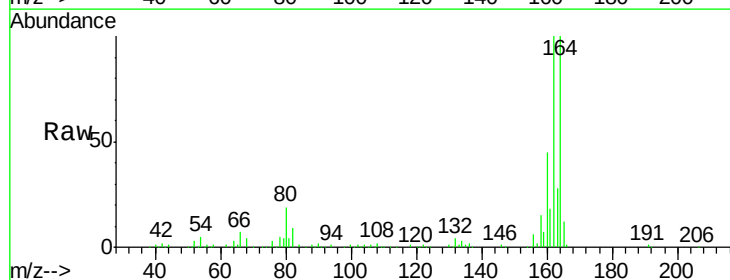
Instrument :
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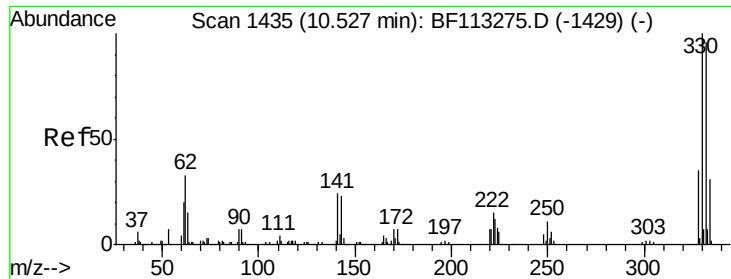
Tgt Ion: 82 Resp: 778387
 Ion Ratio Lower Upper
 82 100
 128 48.7 36.5 54.7
 54 49.5 42.2 63.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: BF113489.D
 Acq: 2 Apr 2019 4:18

Tgt Ion: 164 Resp: 229523
 Ion Ratio Lower Upper
 164 100
 162 100.2 81.8 122.6
 160 44.9 36.4 54.6

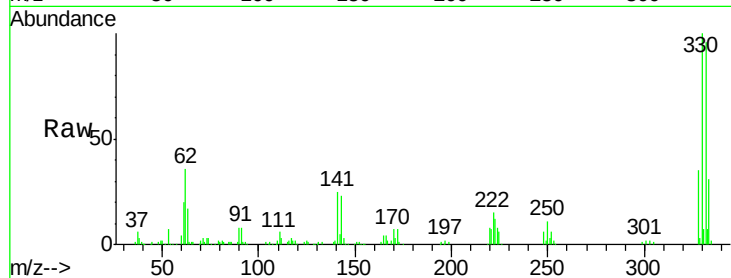




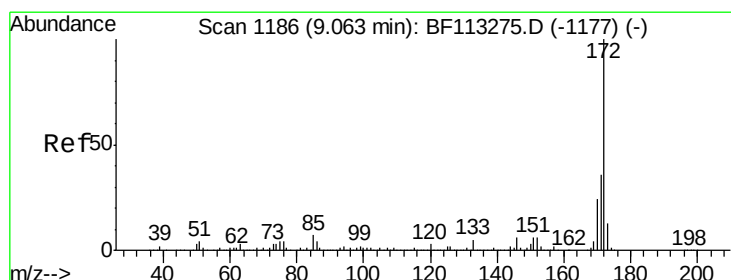
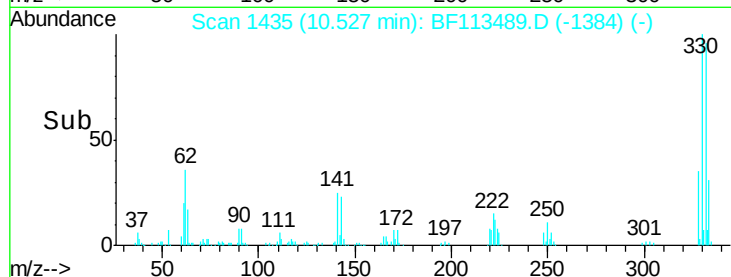
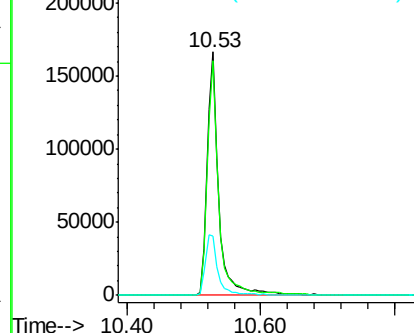
#42
 2,4,6-Tribromophenol
 Concen: 69.393 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: BF113489.D
 Acq: 2 Apr 2019 4:18

Instrument :
 BNA_F
 ClientSampleId :
 032819-LIFT-E-U-M

Tgt Ion:330 Resp: 196737
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.8 116.6
 141 26.9 22.7 34.1

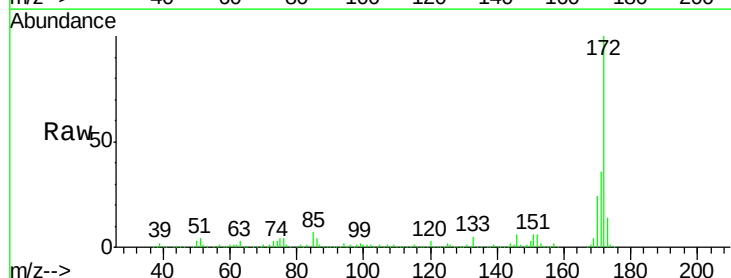


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

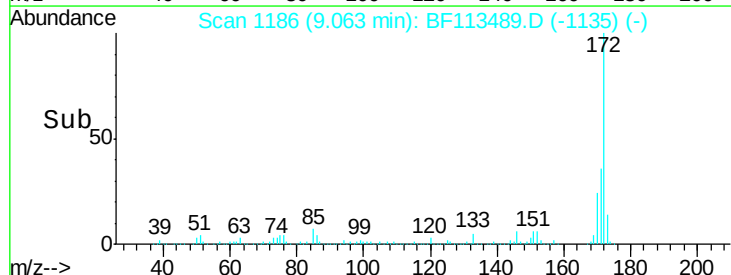
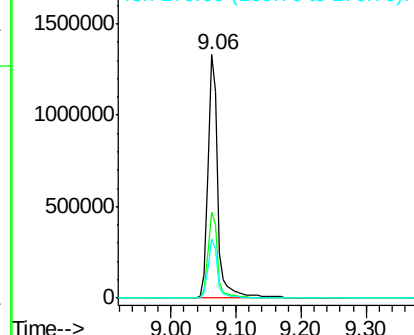


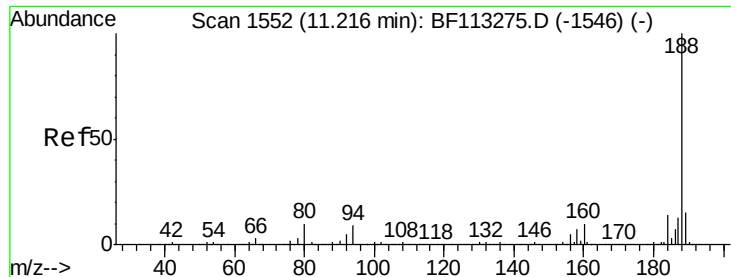
#45
 2-Fluorobiphenyl
 Concen: 99.224 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF113489.D
 Acq: 2 Apr 2019 4:18

Tgt Ion:172 Resp: 1409813
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.0 43.6
 170 24.3 19.5 29.3



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

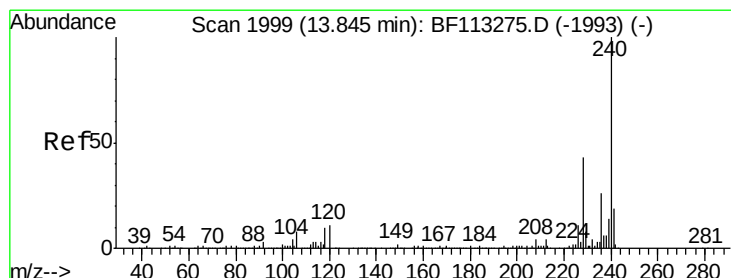
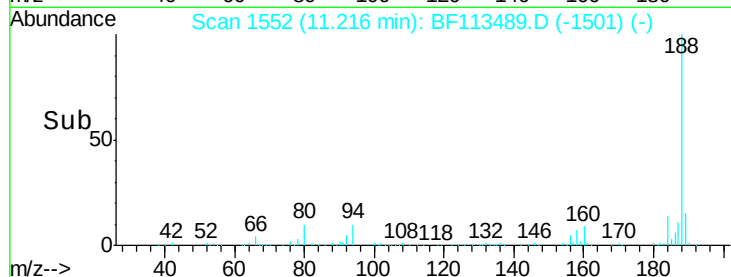
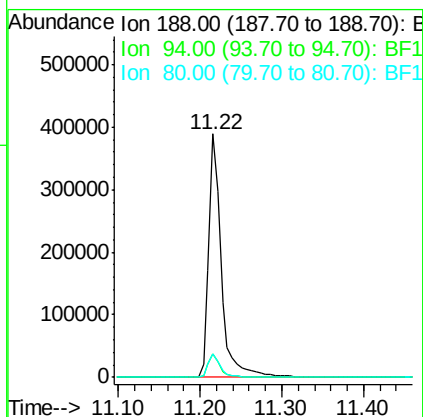
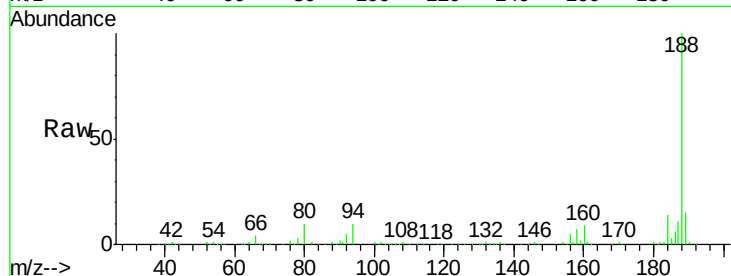




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF113489.D
Acq: 2 Apr 2019 4:18

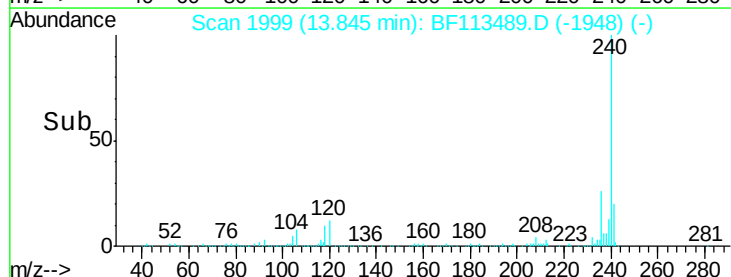
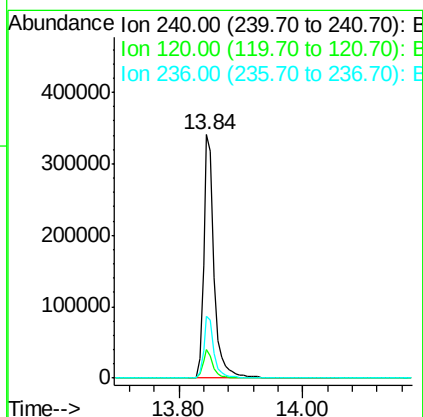
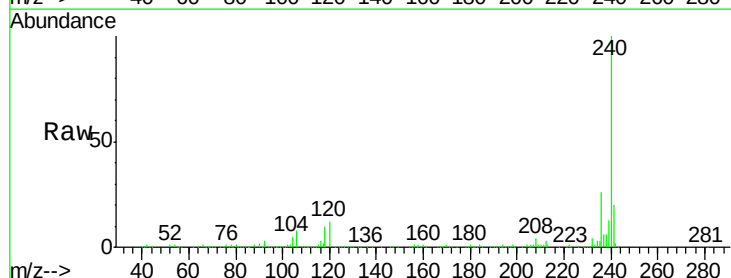
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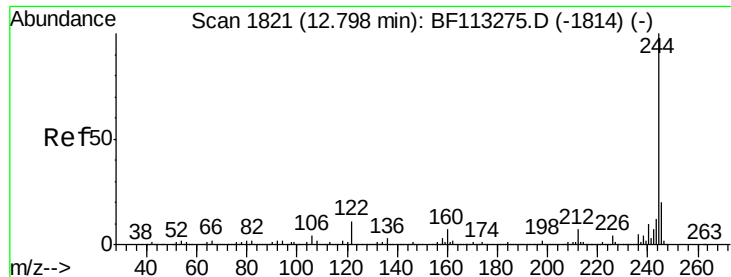
Tgt Ion:188 Resp: 417137
Ion Ratio Lower Upper
188 100
94 9.7 7.0 10.6
80 9.5 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1999
Delta R.T. 0.00 min
Lab File: BF113489.D
Acq: 2 Apr 2019 4:18

Tgt Ion:240 Resp: 403288
Ion Ratio Lower Upper
240 100
120 11.7 8.8 13.2
236 25.5 20.9 31.3





#79

Terphenyl-d14

Concen: 69.504 ng

RT: 12.80 min Scan# 1821

Delta R.T. 0.00 min

Lab File: BF113489.D

Acq: 2 Apr 2019 4:18

Instrument :

BNA_F

ClientSampleId :

032819-LIFT-E-U-M

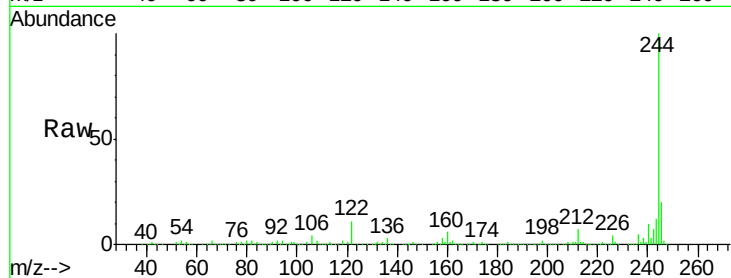
Tgt Ion:244 Resp: 1271683

Ion Ratio Lower Upper

244 100

212 6.6 5.5 8.3

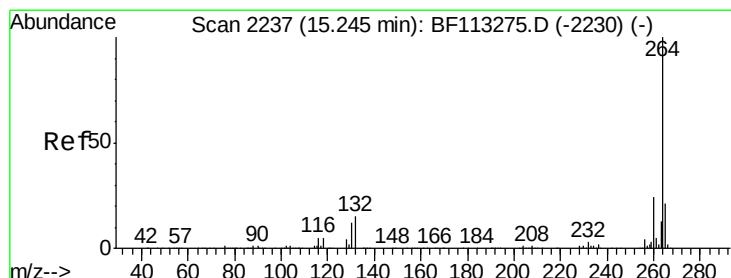
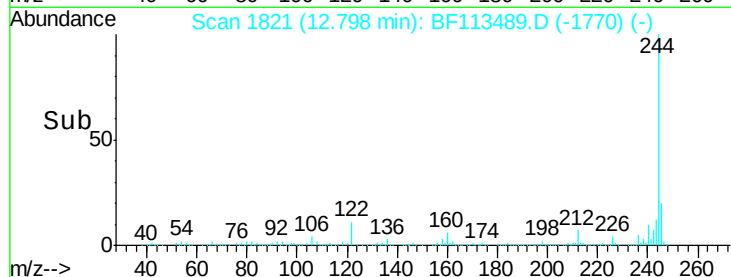
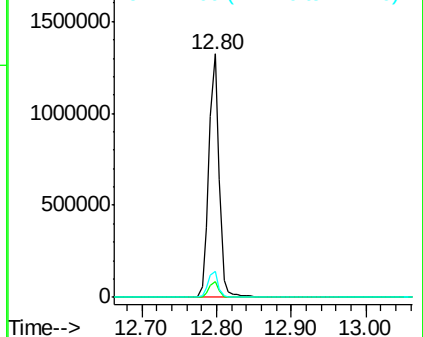
122 10.7 8.6 13.0



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: 15.26 min Scan# 2239

Delta R.T. 0.01 min

Lab File: BF113489.D

Acq: 2 Apr 2019 4:18

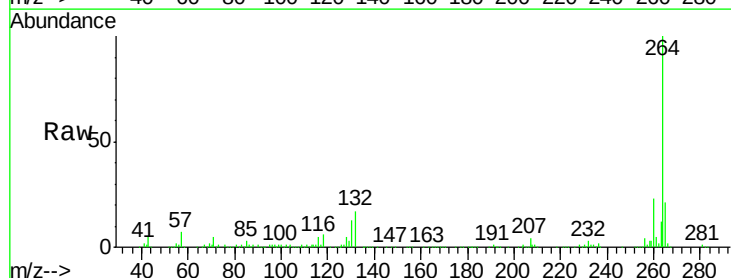
Tgt Ion:264 Resp: 262041

Ion Ratio Lower Upper

264 100

260 23.1 19.1 28.7

265 21.2 17.1 25.7



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

