

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042319\
 Data File : BF113935.D
 Acq On : 23 Apr 2019 21:52
 Operator : JU/SJ
 Sample : K2518-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MUDDY-BAGS

Quant Time: Apr 24 07:15:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

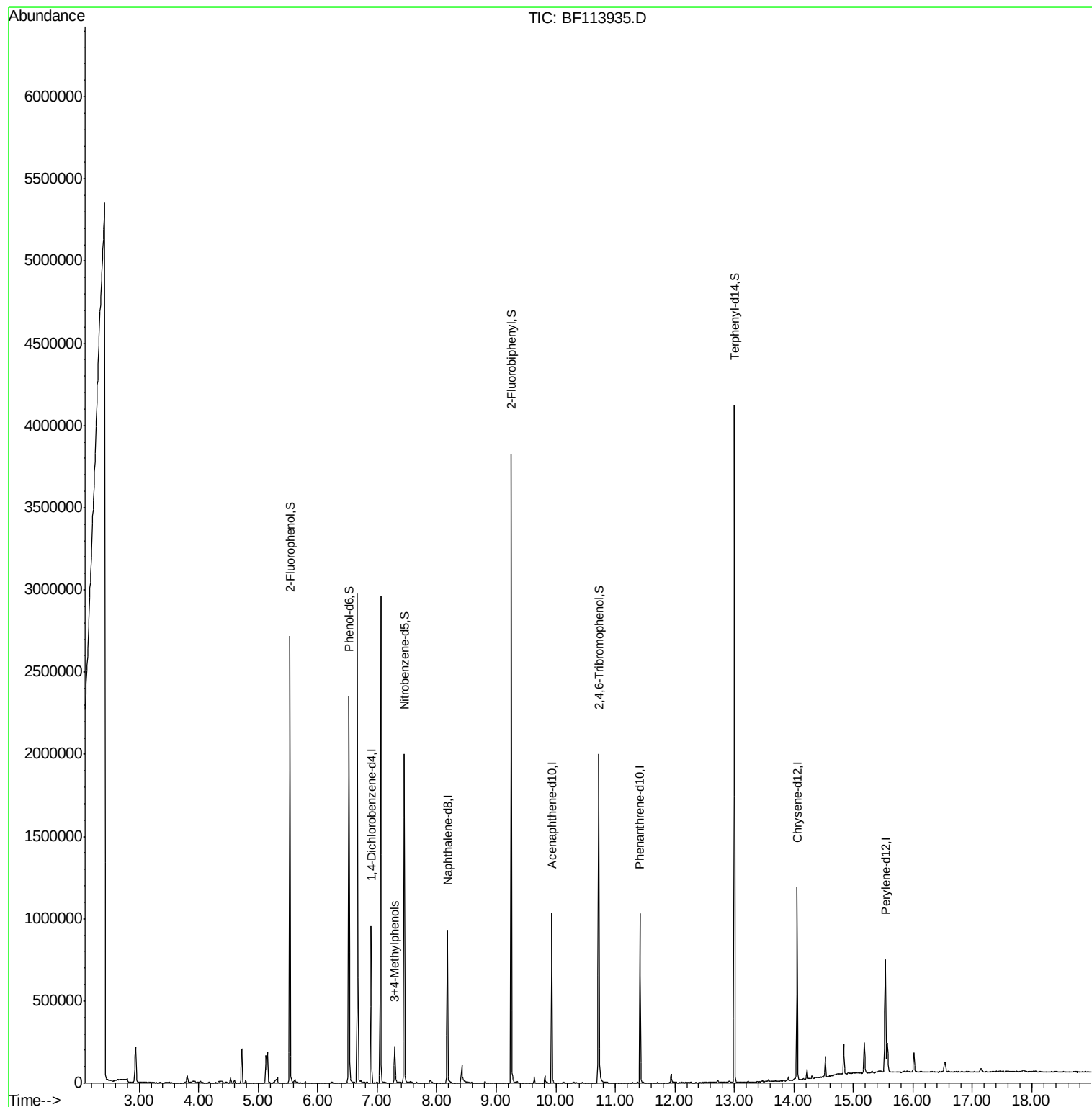
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	132984	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	454608	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	200787	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	362803	20.00	ng	0.00
76) Chrysene-d12	14.05	240	393399	20.00	ng	-0.02
87) Perylene-d12	15.54	264	344453	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	805448	103.59	ng	0.02
7) Phenol-d6	6.53	99	883158	90.53	ng	0.00
23) Nitrobenzene-d5	7.46	82	685246	93.07	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	303679	124.15	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1257714	97.97	ng	0.00
79) Terphenyl-d14	13.00	244	1518933	79.16	ng	0.00
Target Compounds						
20) 3+4-Methylphenols	7.29	107	73666	8.379	ng	Qvalue # 74

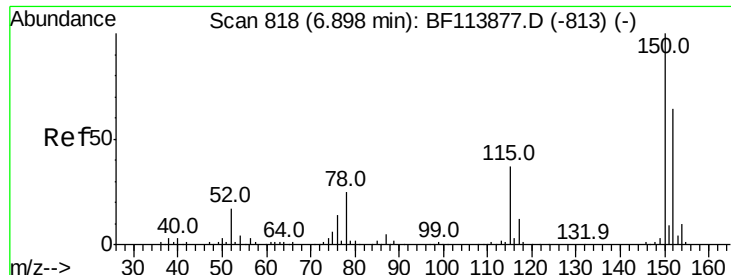
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.90 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF113935.D

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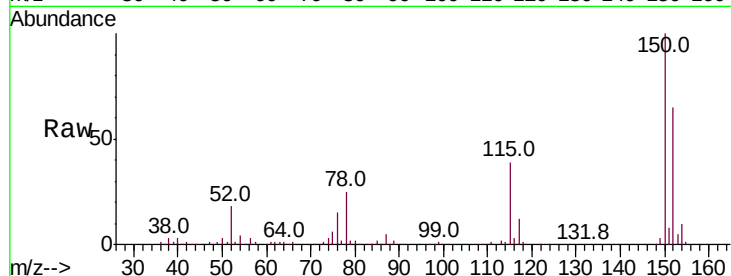
Tot Ion:152 Resp: 132984

Ion Ratio Lower Upper

152 100

150 153.8 125.9 188.9

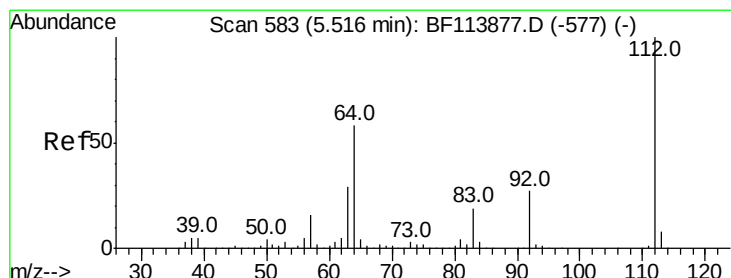
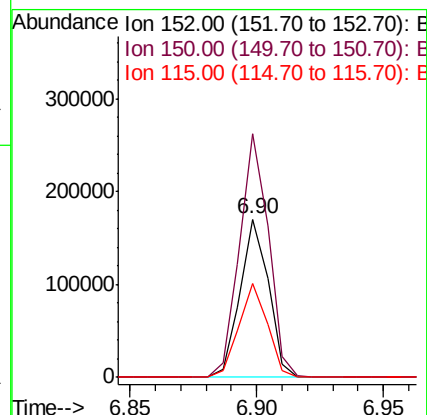
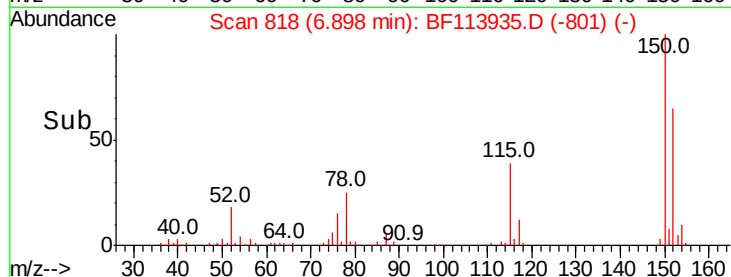
115 59.6 45.9 68.9



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: 103.592 ng

RT: 5.53 min Scan# 586

Delta R.T. 0.02 min

Lab File: BF113935.D

Acq: 23 Apr 2019 21:52

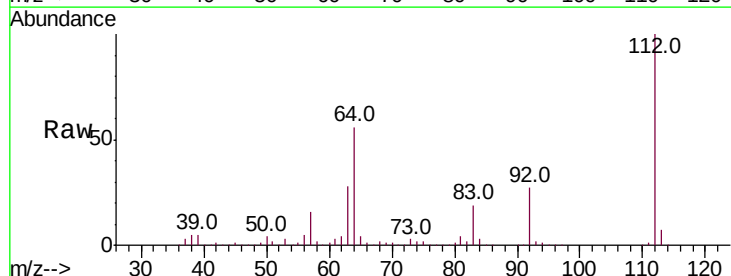
Tgt Ion:112 Resp: 805448

Ion Ratio Lower Upper

112 100

64 56.3 46.6 69.8

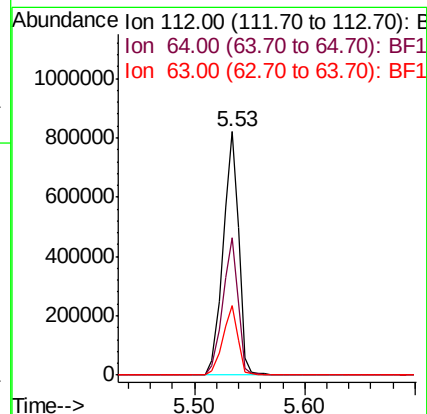
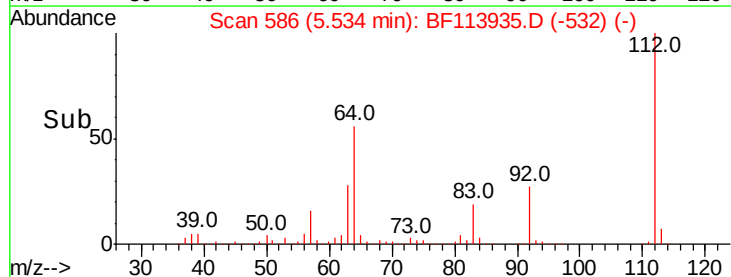
63 28.4 23.1 34.7

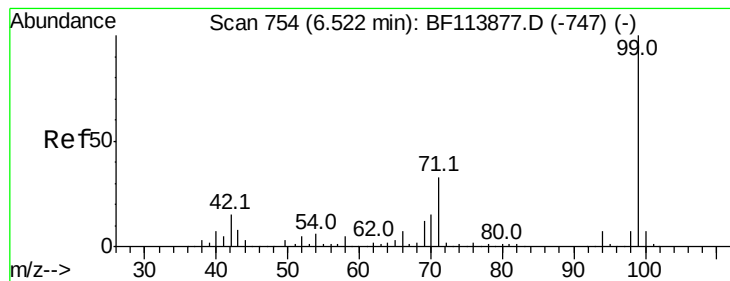


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 90.534 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF113935.D

Acq: 23 Apr 2019 21:52

Instrument :

BNA_F

ClientSampleId :

MUDDY-BAGS

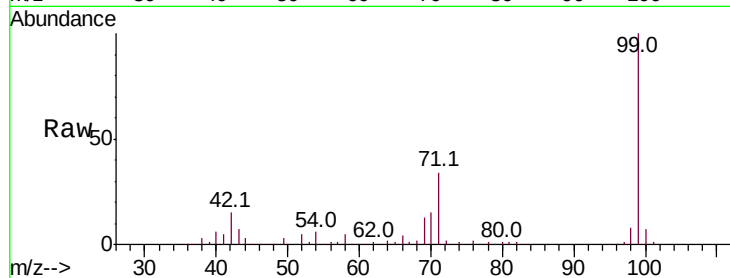
Tot Ion: 99 Resp: 883158

Ion Ratio Lower Upper

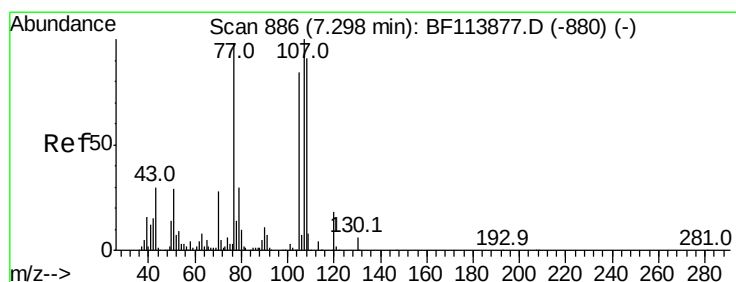
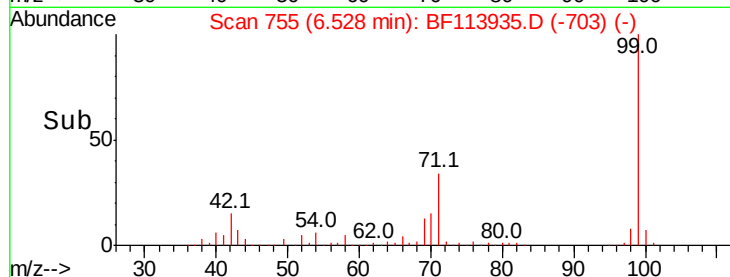
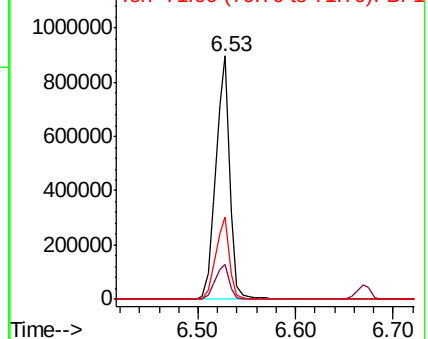
99 100

42 14.6 12.5 18.7

71 33.9 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



#20

3+4-Methylphenols

Concen: 8.379 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF113935.D

Acq: 23 Apr 2019 21:52

Tgt Ion:107 Resp: 73666

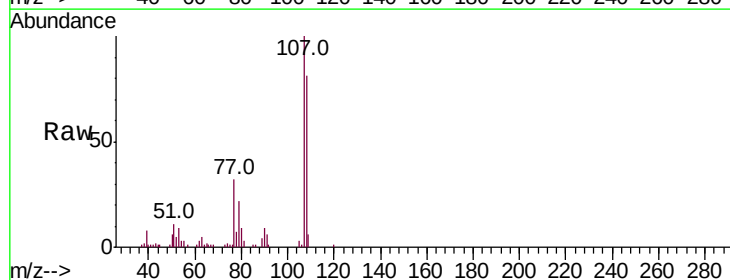
Ion Ratio Lower Upper

107 100

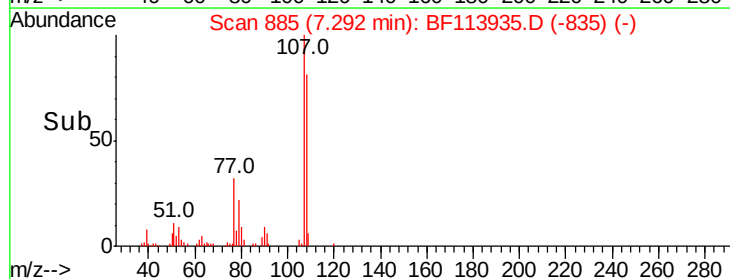
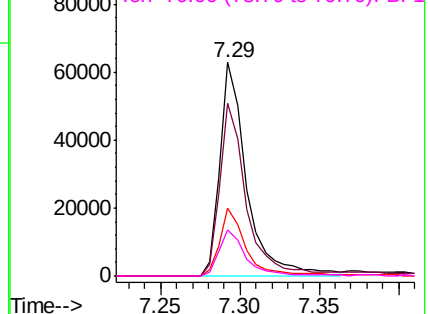
108 80.6 70.1 110.1

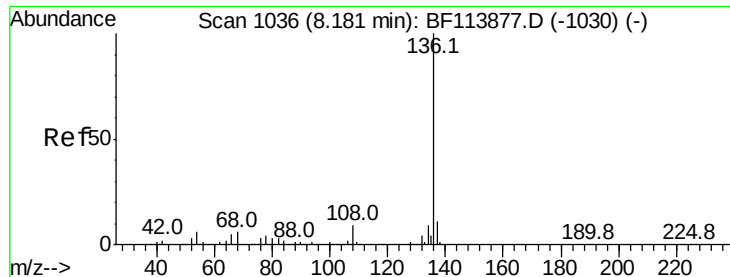
77 31.8 52.9 92.9#

79 21.7 10.2 50.2



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

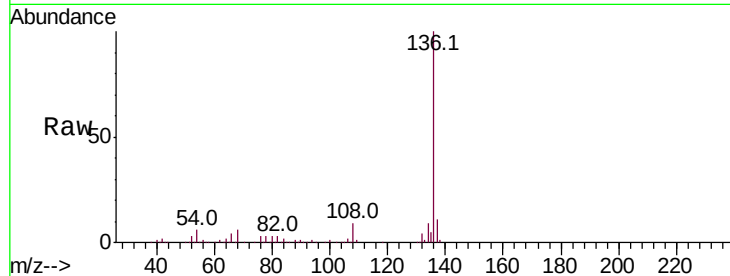




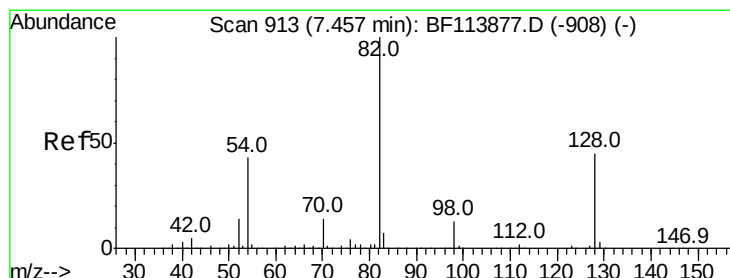
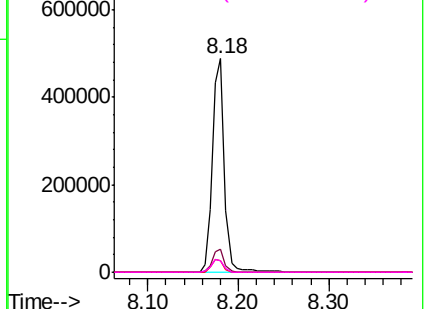
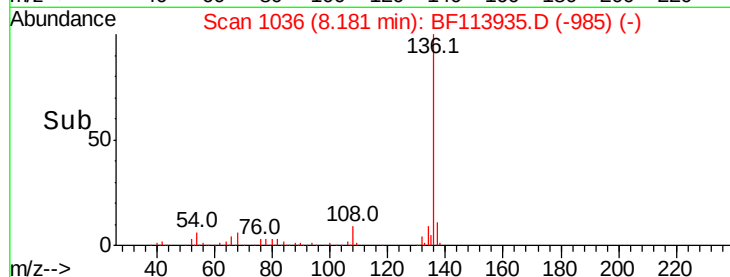
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF113935.D
Acq: 23 Apr 2019 21:52

Instrument :
BNA_F
ClientSampleId :
MUDDY-BAGS

Tot Ion:136	Resp:	454608
Ion	Ratio	Lower Upper
136	100	
137	10.9	8.6 12.8
54	5.7	5.0 7.6
68	5.6	4.9 7.3

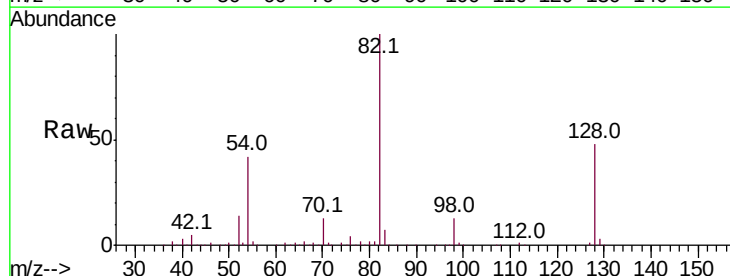


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

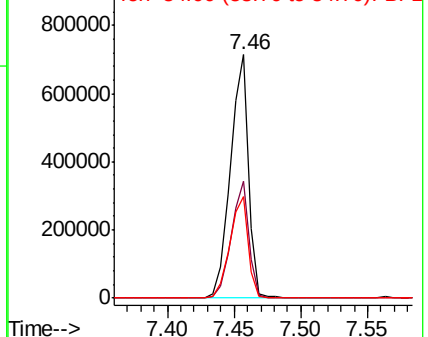
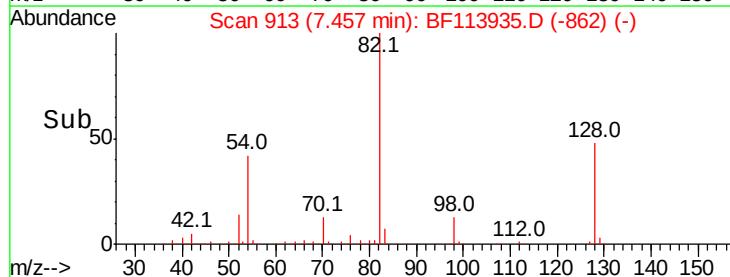


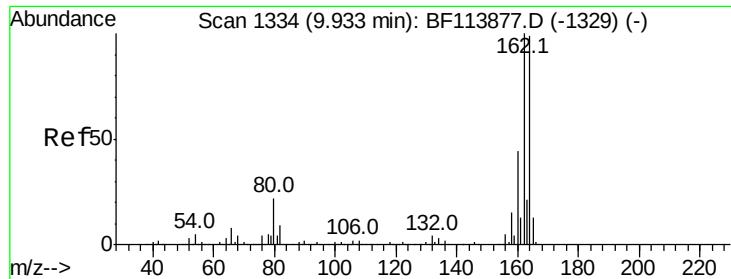
#23
Nitrobenzene-d5
Concen: 93.069 ng
RT: 7.46 min Scan# 913
Delta R.T. 0.00 min
Lab File: BF113935.D
Acq: 23 Apr 2019 21:52

Tgt Ion: 82	Resp:	685246
Ion	Ratio	Lower Upper
82	100	
128	47.8	36.8 55.2
54	41.9	33.8 50.6



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

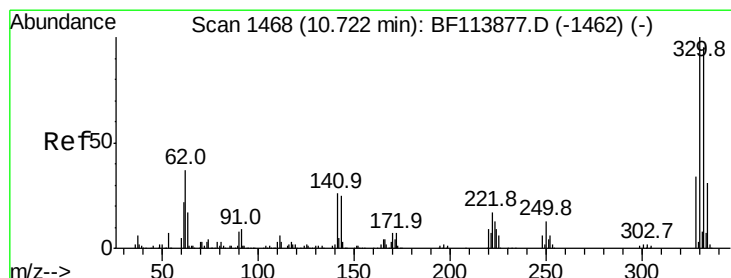
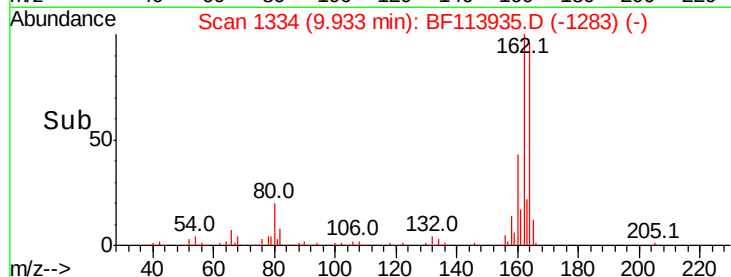
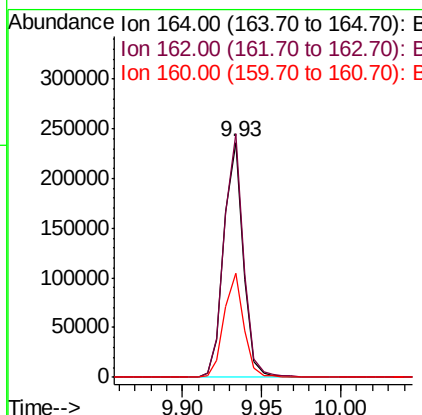
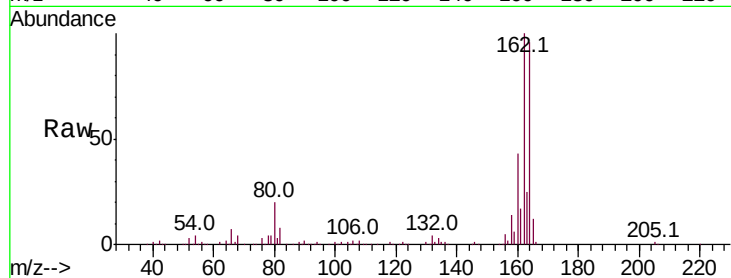




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: BF113935.D
 Acq: 23 Apr 2019 21:52

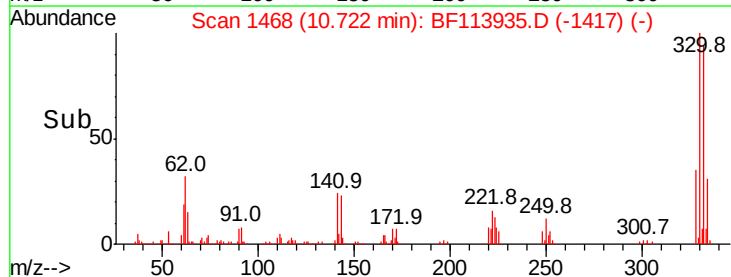
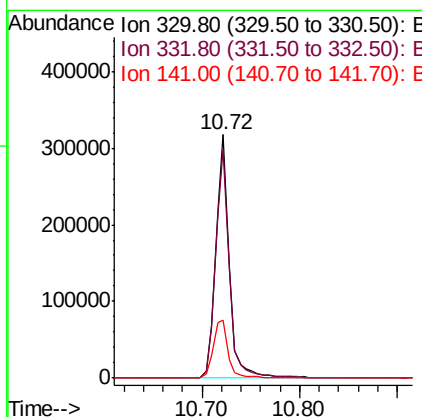
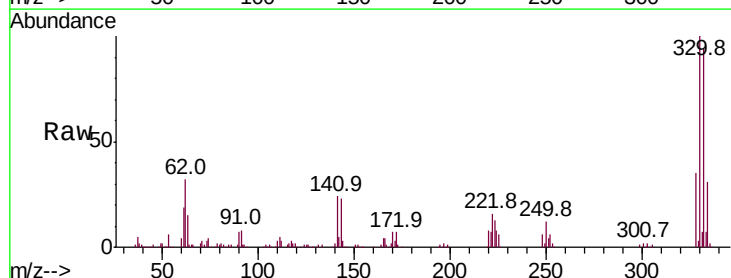
Instrument :
 BNA_F
 ClientSampleId :
 MUDDY-BAGS

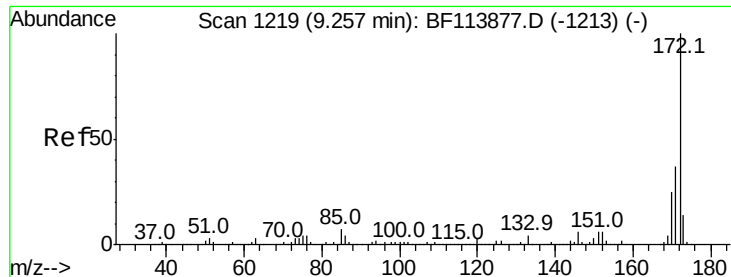
Tot Ion	Ratio	Lower	Upper
164	100		
162	103.7	81.1	121.7
160	44.3	35.8	53.6



#42
 2,4,6-Tribromophenol
 Concen: 124.153 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. 0.00 min
 Lab File: BF113935.D
 Acq: 23 Apr 2019 21:52

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.5	116.3
141	26.7	22.2	33.2





#45

2-Fluorobiphenyl

Concen: 97.969 ng

RT: 9.25 min Scan# 1218

Delta R.T. -0.00 min

Lab File: BF113935.D

Acq: 23 Apr 2019 21:52

Instrument :

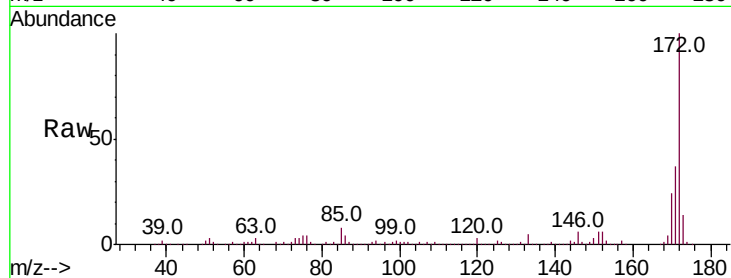
BNA_F

ClientSampleId :

MUDDY-BAGS

Tot Ion:172 Resp: 1257714

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.4	44.0
170	24.2	19.9	29.9

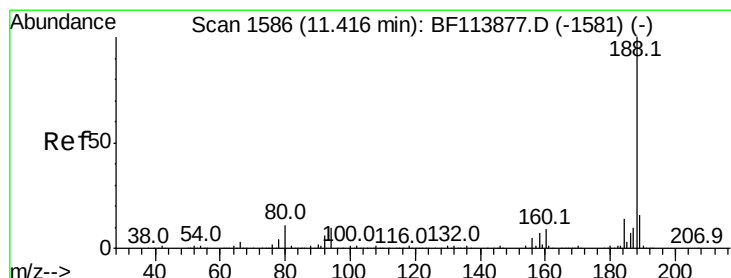
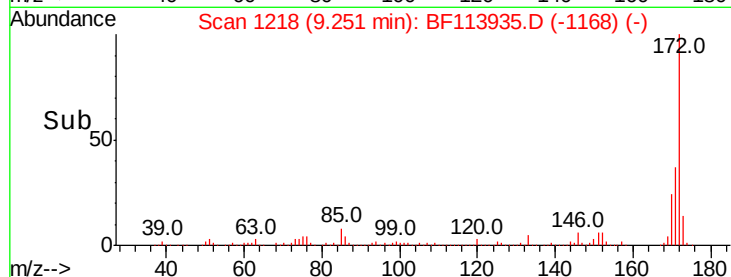
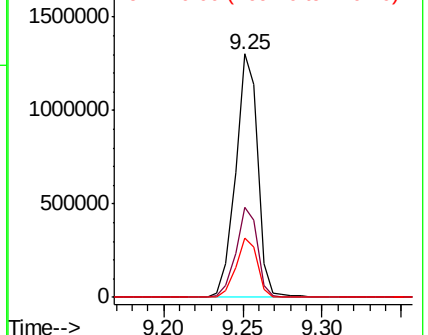


Abundance

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: 11.42 min Scan# 1586

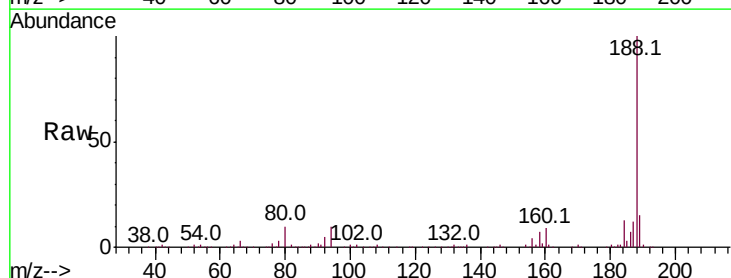
Delta R.T. 0.00 min

Lab File: BF113935.D

Acq: 23 Apr 2019 21:52

Tgt Ion:188 Resp: 362803

Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.2	12.4
80	10.1	9.0	13.6

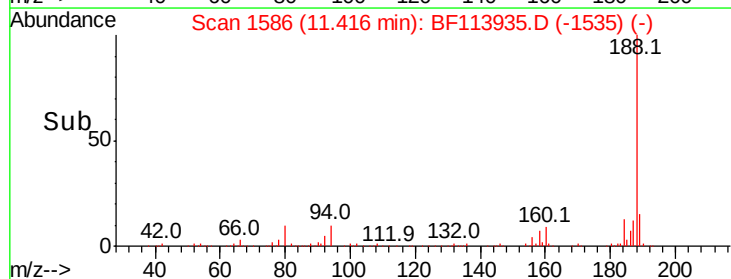
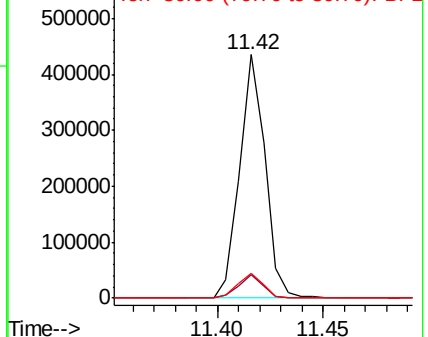


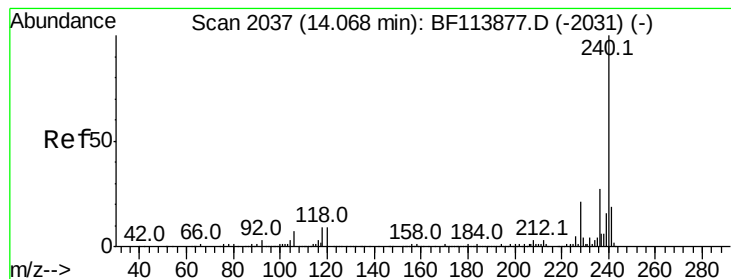
Abundance

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: 14.05 min Scan# 2034

Delta R.T. -0.02 min

Lab File: BF113935.D

Acq: 23 Apr 2019 21:52

Instrument :

BNA_F

ClientSampleId :

MUDDY-BAGS

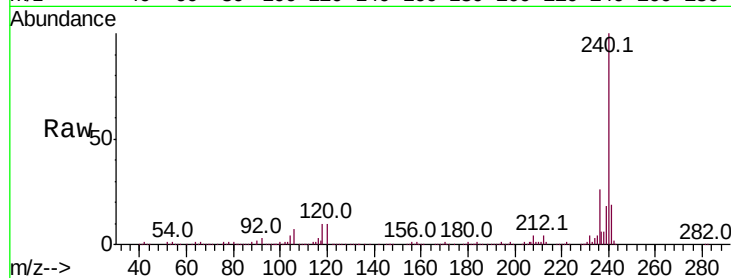
Tot Ion:240 Resp: 393399

Ion Ratio Lower Upper

240 100

120 10.3 9.3 13.9

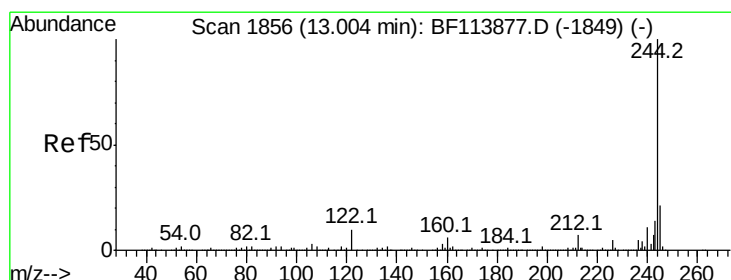
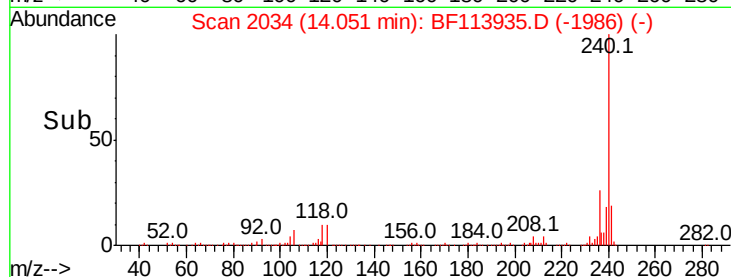
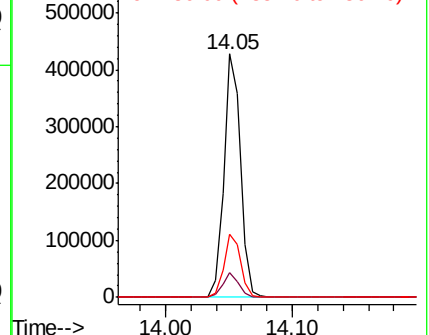
236 25.9 21.2 31.8



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: 79.157 ng

RT: 13.00 min Scan# 1856

Delta R.T. 0.00 min

Lab File: BF113935.D

Acq: 23 Apr 2019 21:52

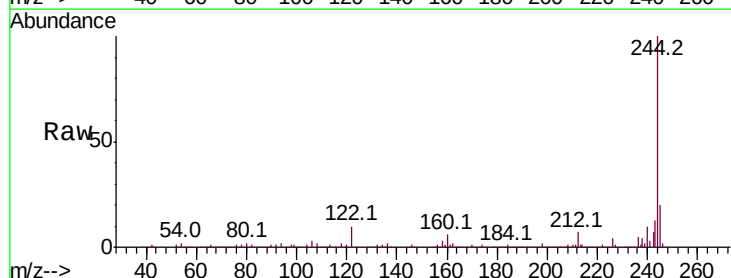
Tgt Ion:244 Resp: 1518933

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

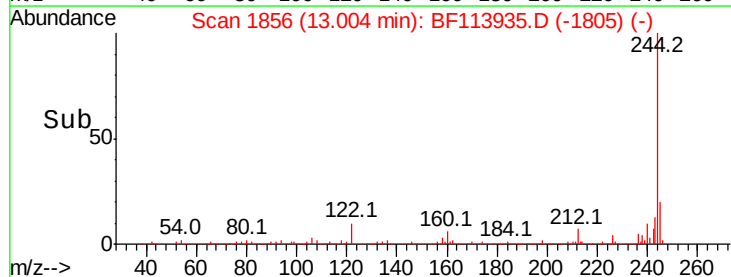
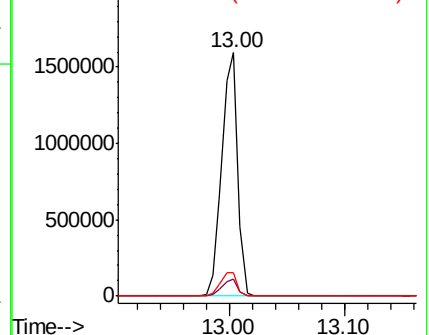
122 9.7 7.6 11.4

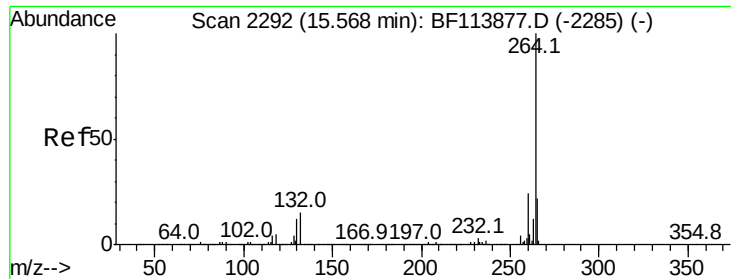


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. -0.03 min
Lab File: BF113935.D
Acq: 23 Apr 2019 21:52

Instrument :
BNA_F
ClientSampleId :
MUDDY-BAGS

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.9	28.3
265	21.5	17.3	25.9

