

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042519\
 Data File : BF113986.D
 Acq On : 25 Apr 2019 19:09
 Operator : JU/SJ
 Sample : K2555-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HW-23

Quant Time: Apr 26 05:38:17 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	6.89	152	107648	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	409570	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	220535	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	461521	20.00	ng	0.00
76) Chrysene-d12	14.06	240	442382	20.00	ng	-0.01
87) Perylene-d12	15.54	264	461263	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	421619	66.99	ng	0.00
7) Phenol-d6	6.52	99	351859	44.56	ng	0.00
23) Nitrobenzene-d5	7.45	82	649642	97.94	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	411672	153.23	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1300106	92.20	ng	0.00
79) Terphenyl-d14	13.00	244	1845359	85.52	ng	0.00

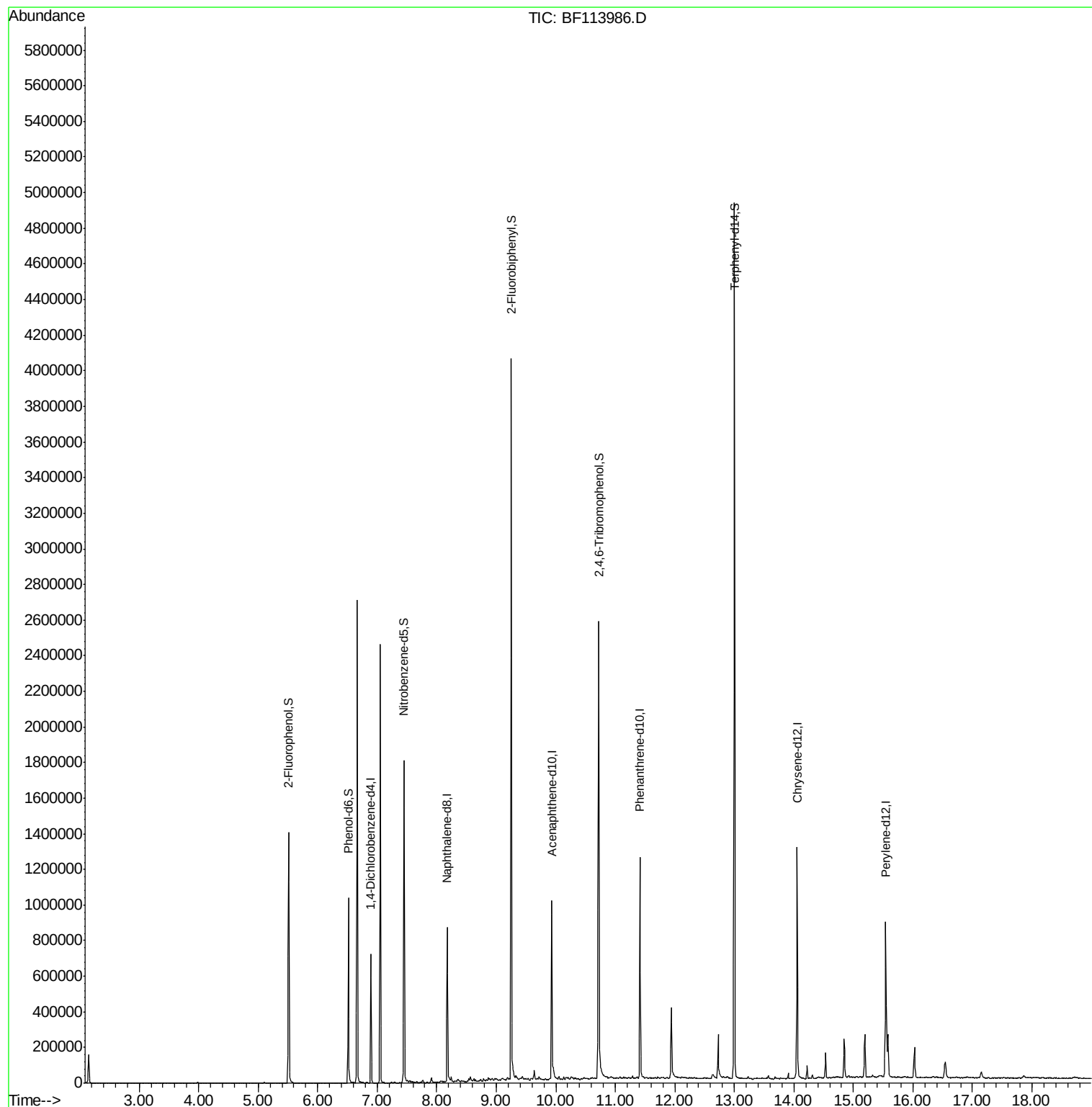
Target Compounds Qvalue

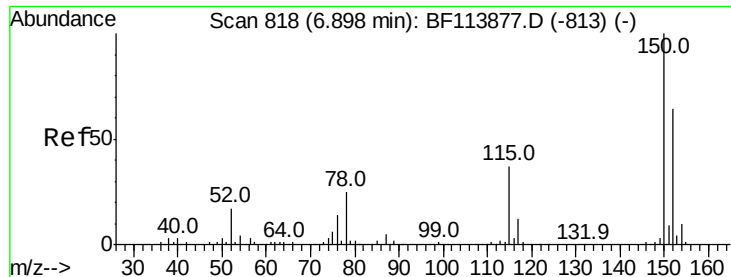
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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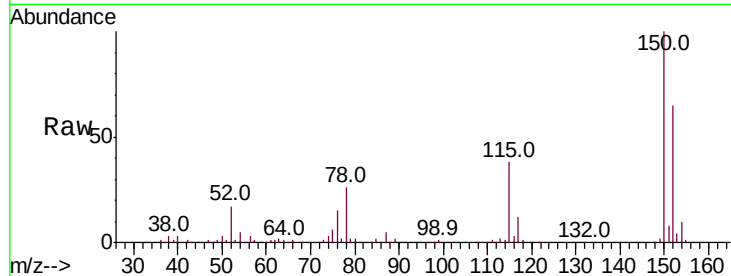


#1

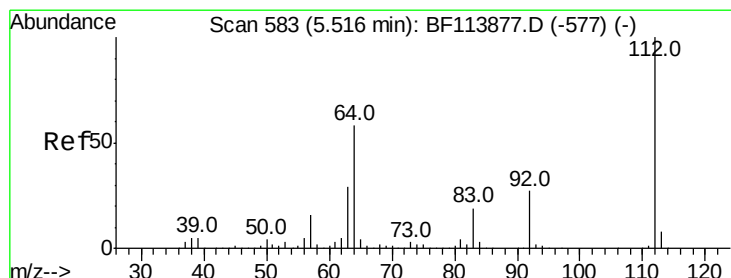
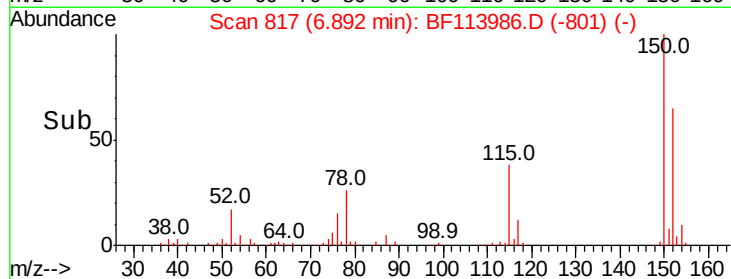
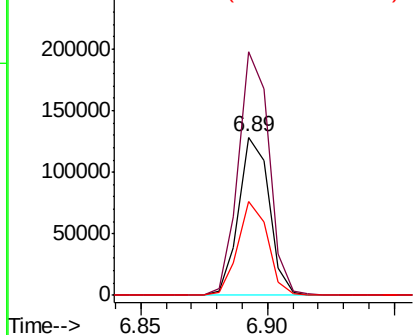
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF113986.D
Acq: 25 Apr 2019 19:09

Instrument :
BNA_F
ClientSampleId :
HW-23

Tot Ion:152 Resp: 107648
Ion Ratio Lower Upper
152 100
150 154.3 125.9 188.9
115 59.1 45.9 68.9



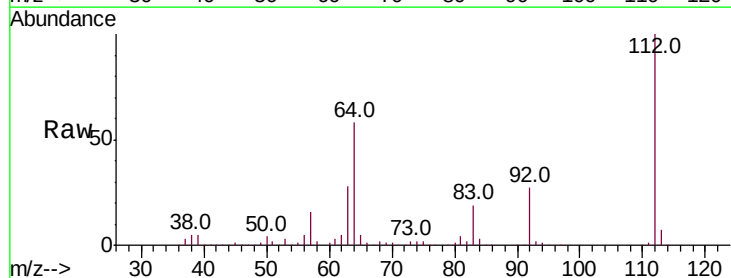
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



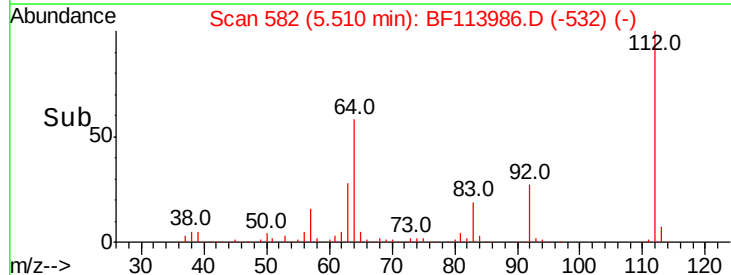
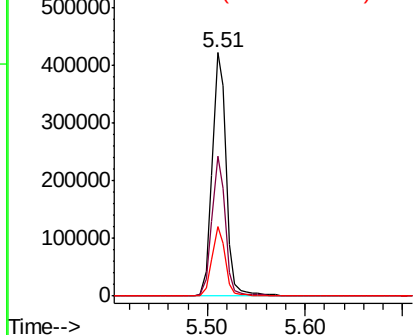
#5

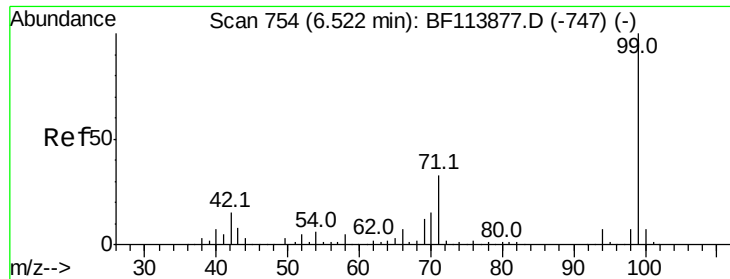
2-Fluorophenol
Concen: 66.989 ng
RT: 5.51 min Scan# 582
Delta R.T. -0.01 min
Lab File: BF113986.D
Acq: 25 Apr 2019 19:09

Tgt Ion:112 Resp: 421619
Ion Ratio Lower Upper
112 100
64 57.7 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: 44.559 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF113986.D

Acq: 25 Apr 2019 19:09

Instrument :

BNA_F

ClientSampleId :

HW-23

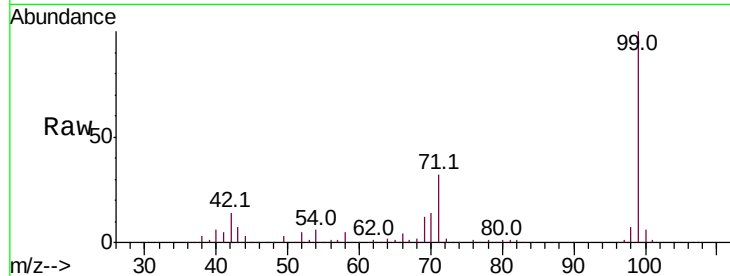
Tot Ion: 99 Resp: 351859

Ion Ratio Lower Upper

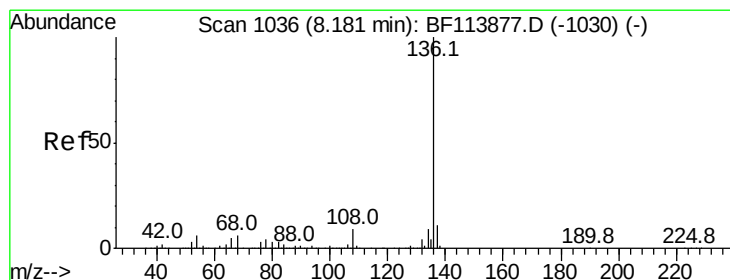
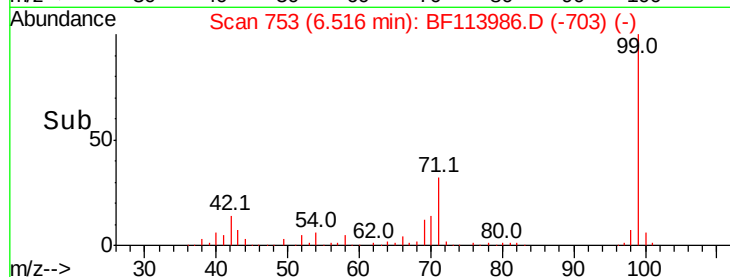
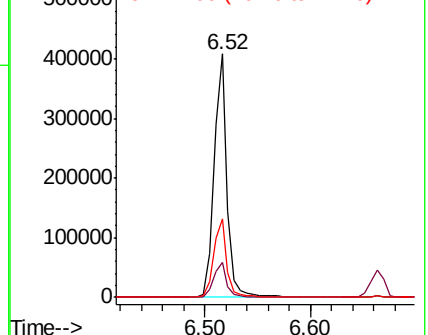
99 100

42 14.2 12.5 18.7

71 32.2 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: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF113986.D

Acq: 25 Apr 2019 19:09

Tgt Ion: 136 Resp: 409570

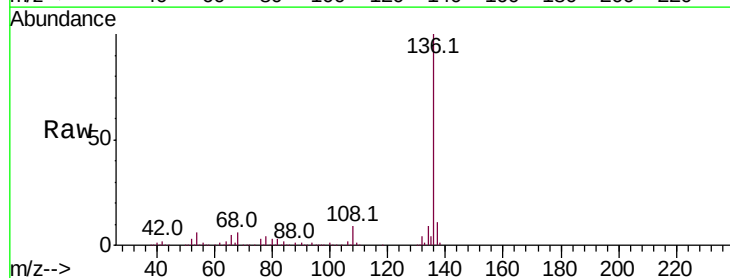
Ion Ratio Lower Upper

136 100

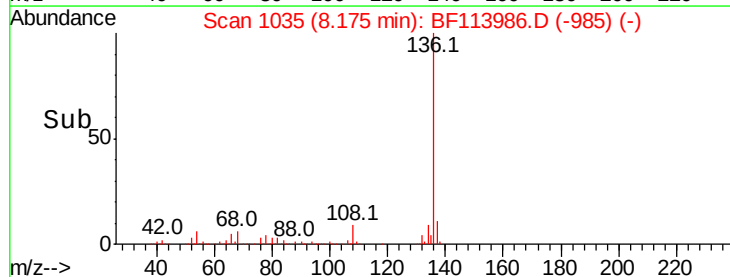
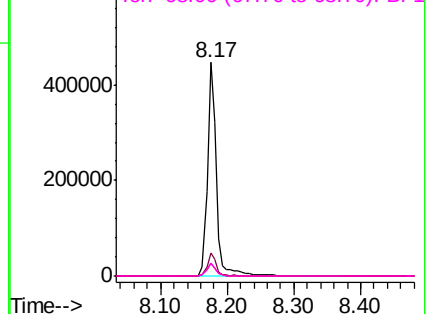
137 10.7 8.6 12.8

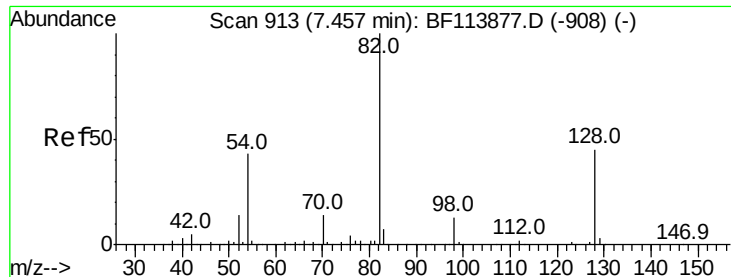
54 6.3 5.0 7.6

68 6.1 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

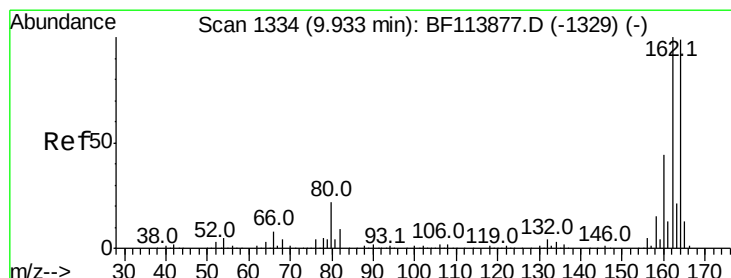
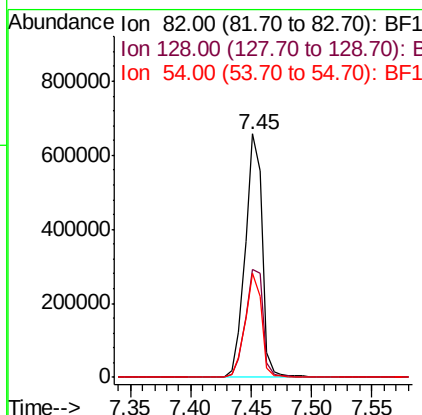
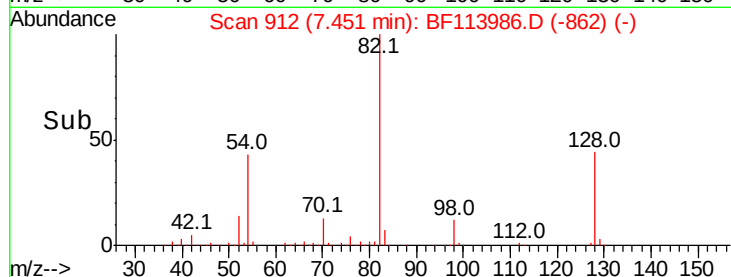
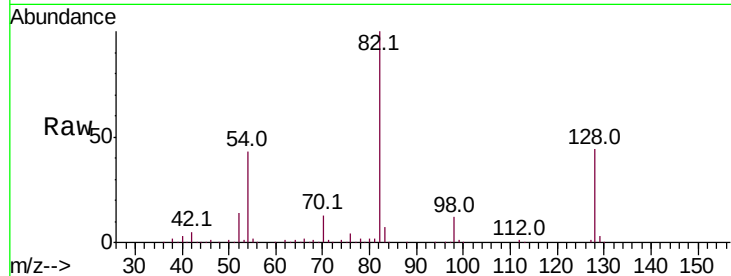




#23
Nitrobenzene-d5
Concen: 97.935 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF113986.D
Acq: 25 Apr 2019 19:09

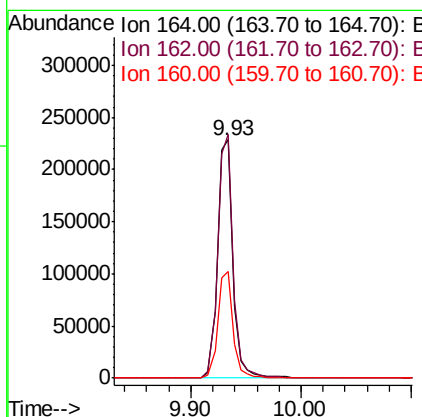
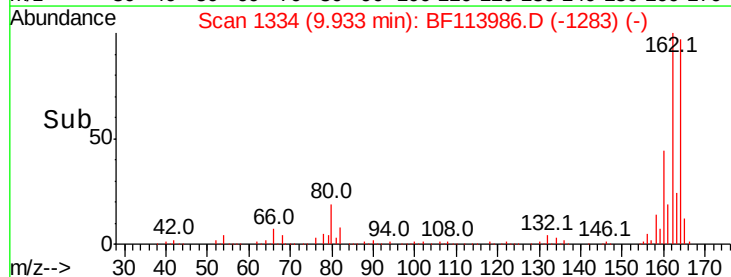
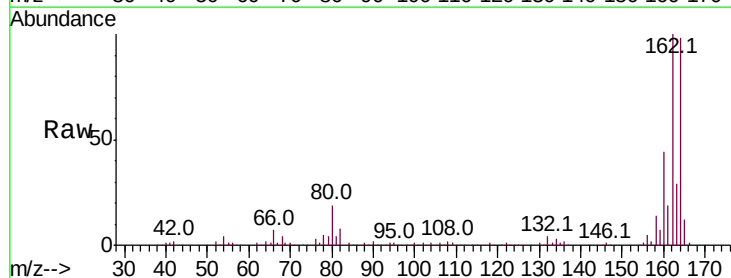
Instrument :
BNA_F
ClientSampleId :
HW-23

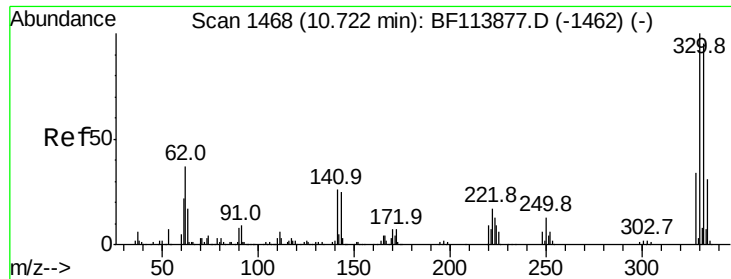
Tot Ion	82	Resp	649642
Ion Ratio	100	Lower	Upper
128	44.5	36.8	55.2
54	42.6	33.8	50.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF113986.D
Acq: 25 Apr 2019 19:09

Tgt Ion	164	Resp	220535
Ion Ratio	100	Lower	Upper
162	102.2	81.1	121.7
160	44.9	35.8	53.6





#42

2,4,6-Tribromophenol

Concen: 153.233 ng

RT: 10.72 min Scan# 1468

Delta R.T. 0.00 min

Lab File: BF113986.D

Acq: 25 Apr 2019 19:09

Instrument :

BNA_F

ClientSampleId :

HW-23

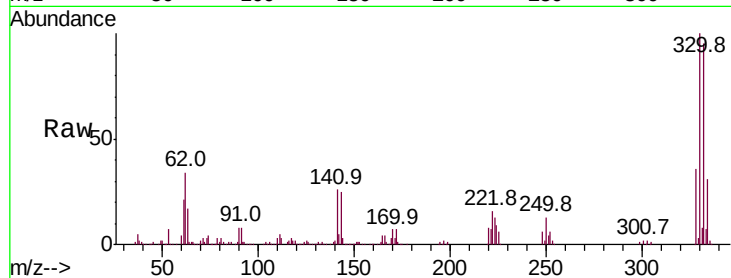
Tot Ion:330 Resp: 411672

Ion Ratio Lower Upper

330 100

332 96.6 77.5 116.3

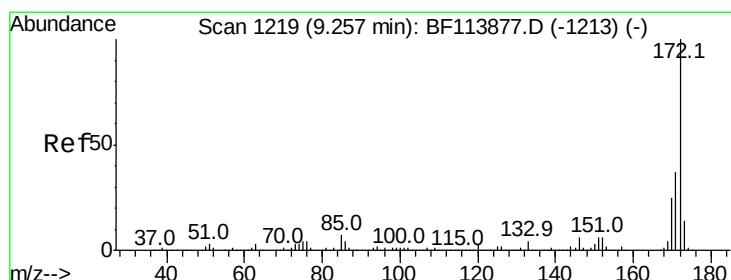
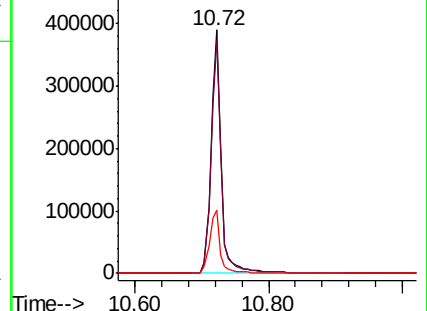
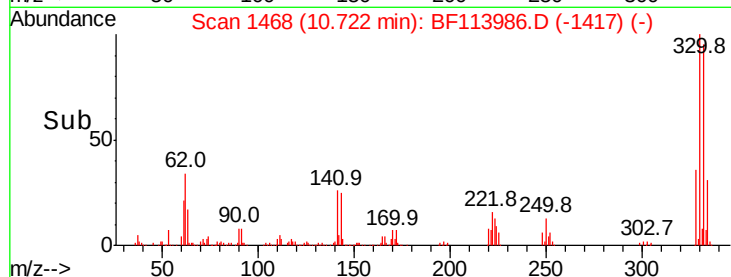
141 26.6 22.2 33.2



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: 92.203 ng

RT: 9.25 min Scan# 1218

Delta R.T. -0.00 min

Lab File: BF113986.D

Acq: 25 Apr 2019 19:09

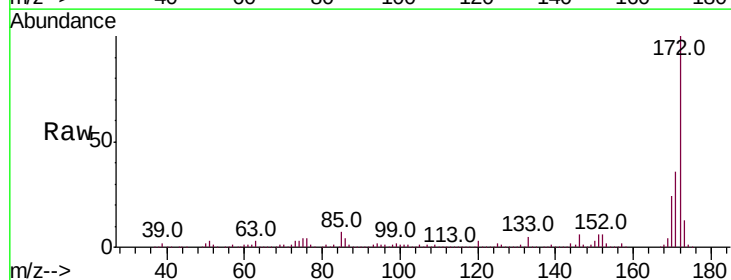
Tgt Ion:172 Resp: 1300106

Ion Ratio Lower Upper

172 100

171 36.2 29.4 44.0

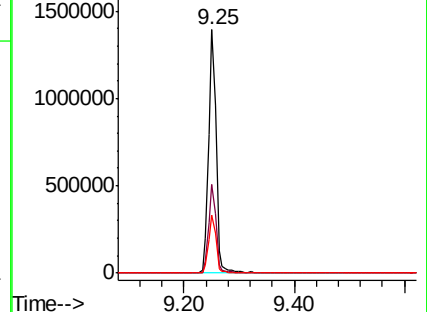
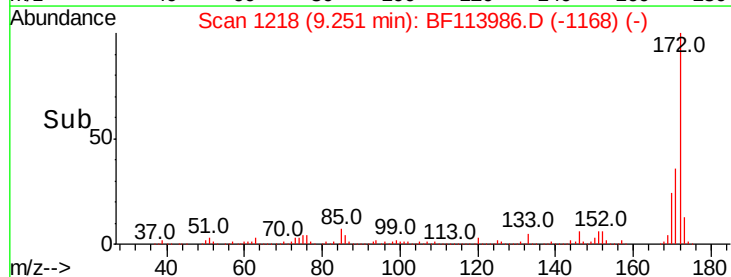
170 24.0 19.9 29.9

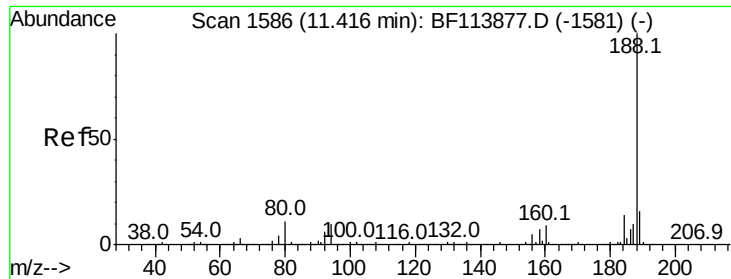


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

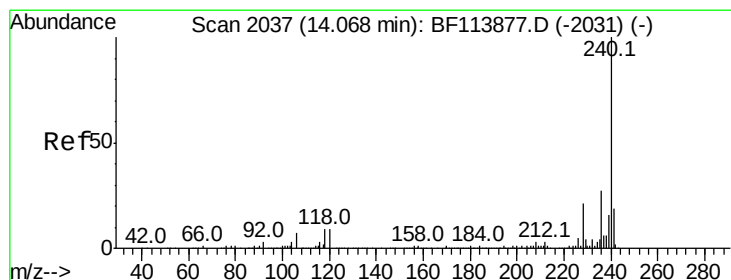
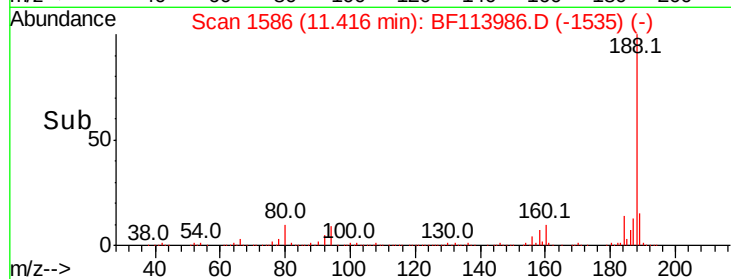
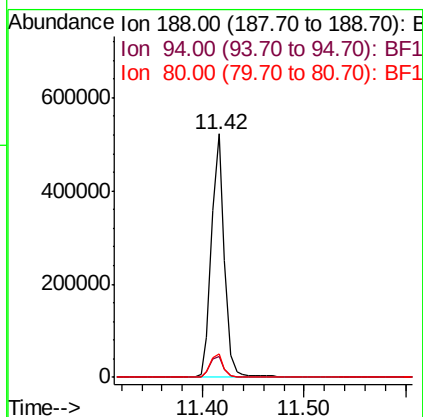
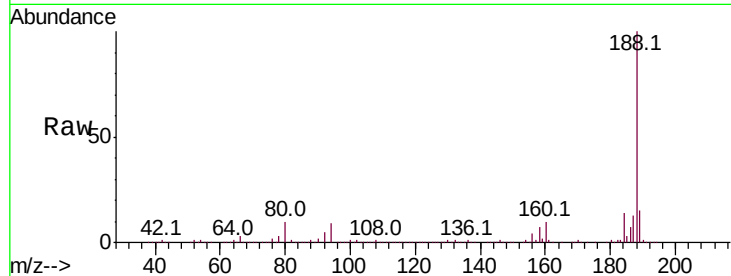




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BF113986.D
Acq: 25 Apr 2019 19:09

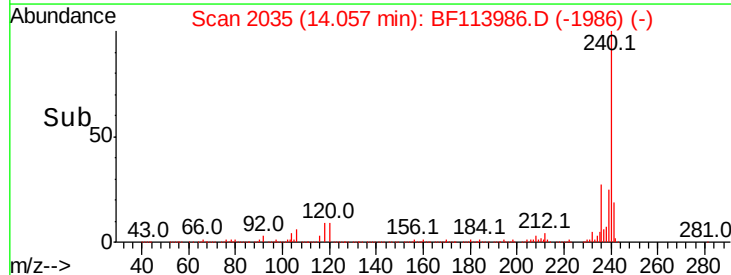
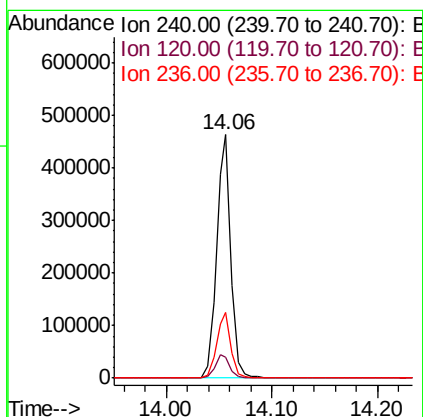
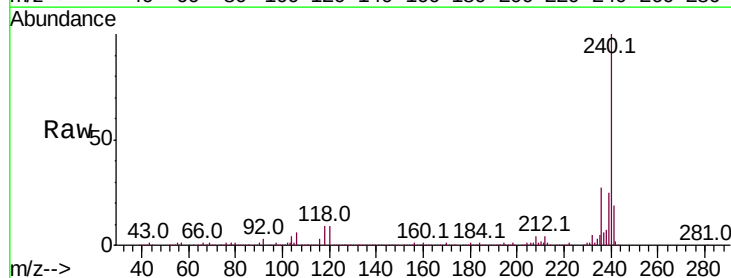
Instrument :
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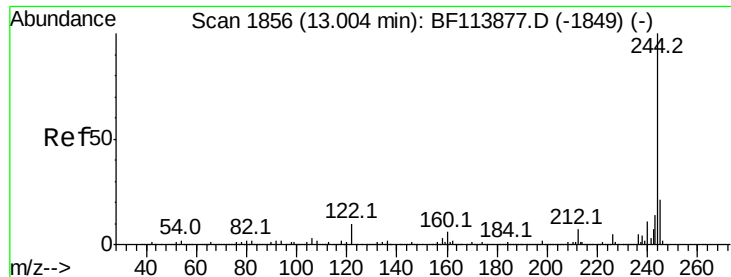
Tot Ion:188 Resp: 461521
Ion Ratio Lower Upper
188 100
94 8.8 8.2 12.4
80 9.7 9.0 13.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF113986.D
Acq: 25 Apr 2019 19:09

Tgt Ion:240 Resp: 442382
Ion Ratio Lower Upper
240 100
120 8.8 9.3 13.9#
236 26.9 21.2 31.8





#79

Terphenyl-d14

Concen: 85.520 ng

RT: 13.00 min Scan# 1856

Delta R.T. 0.00 min

Lab File: BF113986.D

Acq: 25 Apr 2019 19:09

Instrument :

BNA_F

ClientSampleId :

HW-23

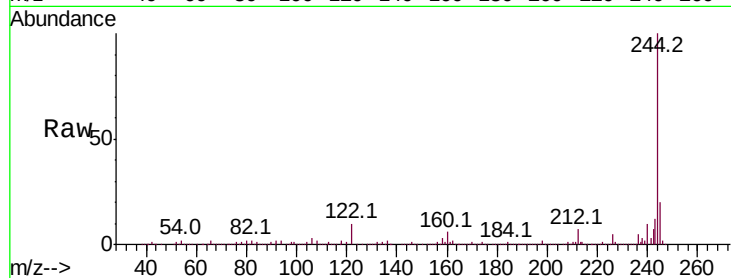
Tot Ion:244 Resp: 1845359

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.2

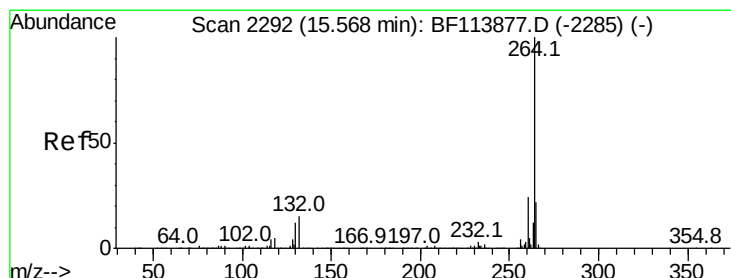
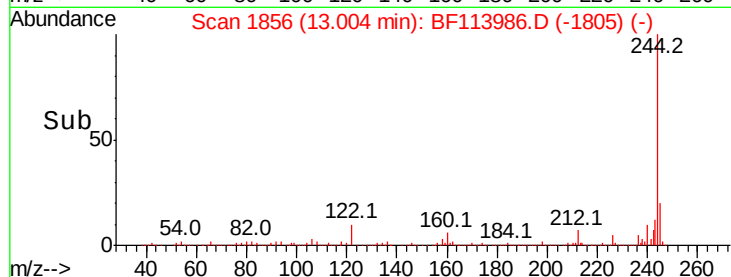
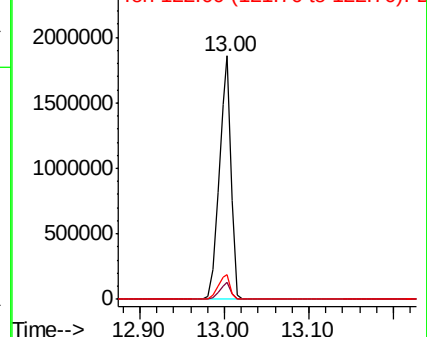
122 10.0 7.6 11.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.54 min Scan# 2288

Delta R.T. -0.02 min

Lab File: BF113986.D

Acq: 25 Apr 2019 19:09

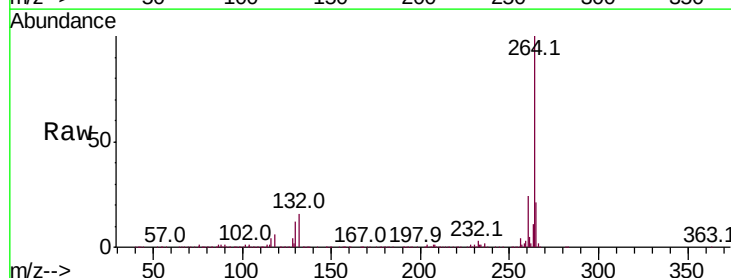
Tgt Ion:264 Resp: 461263

Ion Ratio Lower Upper

264 100

260 23.6 18.9 28.3

265 20.7 17.3 25.9



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

