

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070819\
 Data File : BF115405.D
 Acq On : 8 Jul 2019 15:01
 Operator : HP/JU
 Sample : PB121130BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121130BL

Quant Time: Jul 08 17:18:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 05 14:57:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	215834	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	857344	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	429805	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	840561	20.00	ng	0.00
76) Chrysene-d12	14.06	240	604848	20.00	ng	-0.01
87) Perylene-d12	15.56	264	543523	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1543437	110.49	ng	0.02
7) Phenol-d6	6.53	99	1999757	112.56	ng	0.00
23) Nitrobenzene-d5	7.46	82	1283472	88.45	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	573301	120.64	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	2209034	90.19	ng	0.00
79) Terphenyl-d14	13.00	244	2527486	85.56	ng	0.00

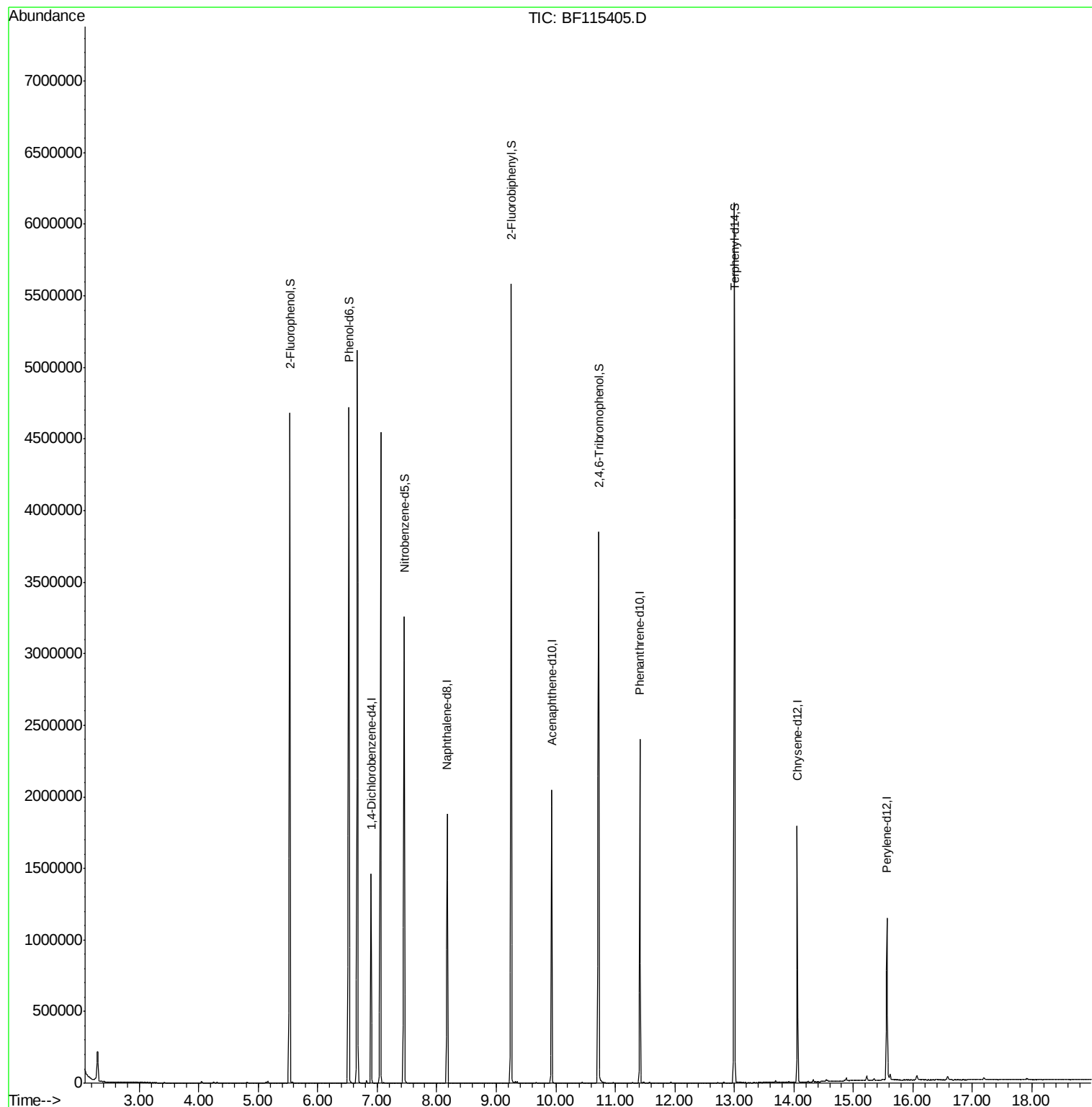
Target Compounds Qvalue

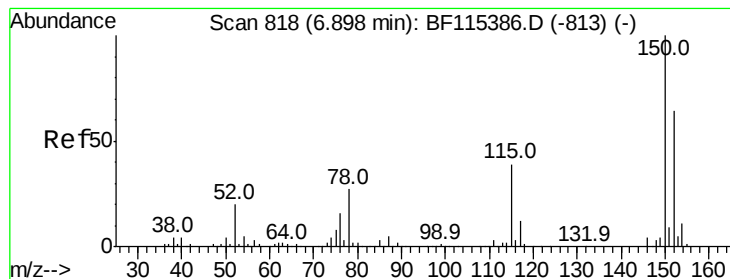
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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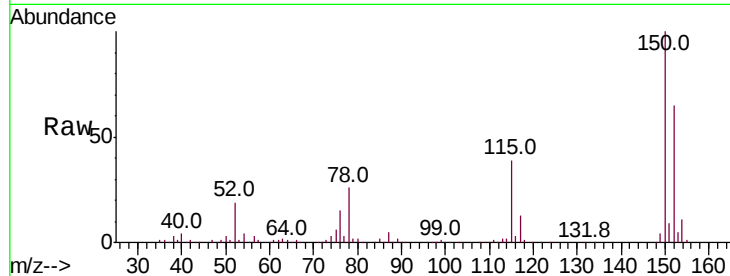


#1

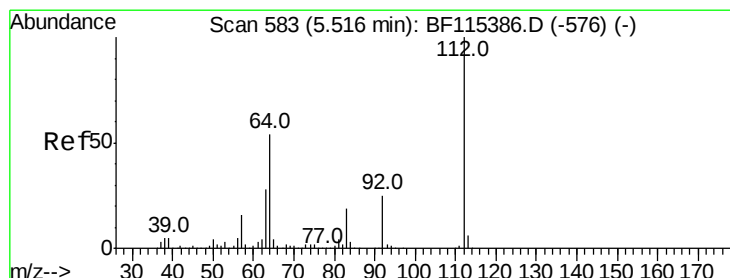
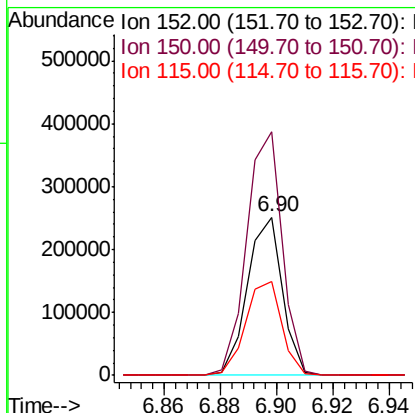
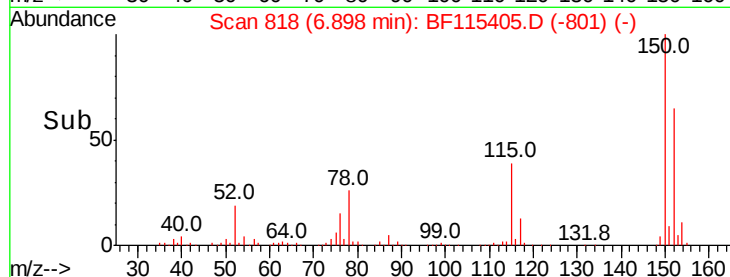
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF115405.D
Acq: 8 Jul 2019 15:01

Instrument :
BNA_F
ClientSampleId :
PB121130BL

Tot Ion:152 Resp: 215834
Ion Ratio Lower Upper
152 100
150 153.8 124.7 187.1
115 59.7 48.1 72.1



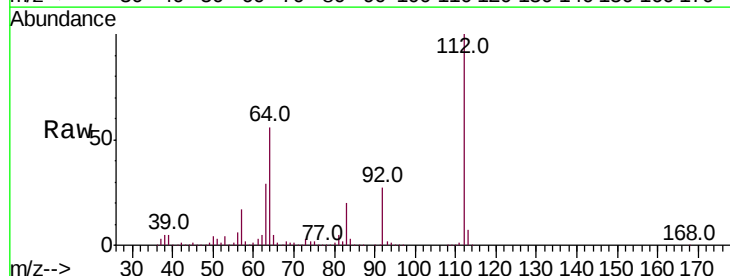
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



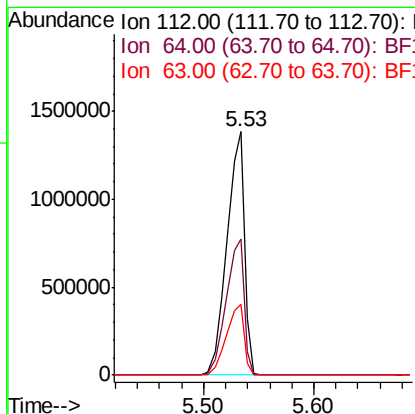
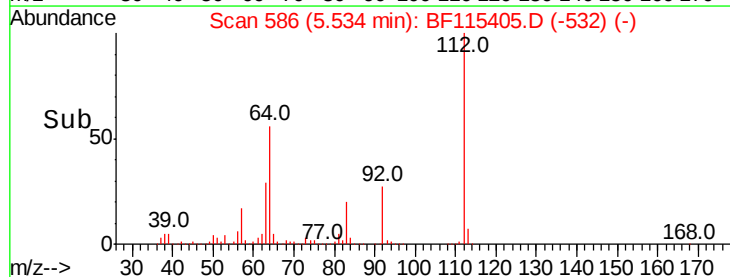
#5

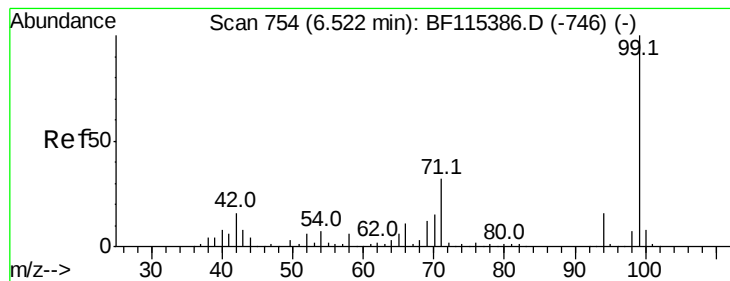
2-Fluorophenol
Concen: 110.486 ng
RT: 5.53 min Scan# 586
Delta R.T. 0.02 min
Lab File: BF115405.D
Acq: 8 Jul 2019 15:01

Tgt Ion:112 Resp: 1543437
Ion Ratio Lower Upper
112 100
64 56.1 43.0 64.6
63 29.2 22.2 33.2



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: 112.558 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF115405.D

Acq: 8 Jul 2019 15:01

Instrument :

BNA_F

ClientSampleId :

PB121130BL

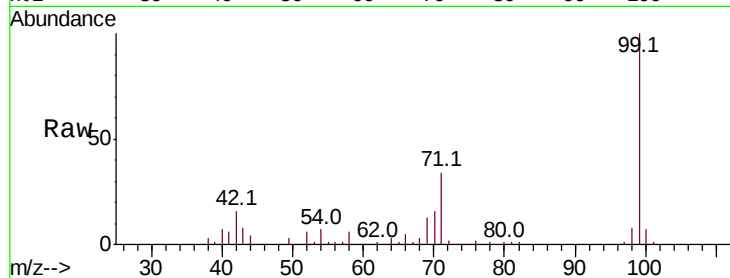
Tot Ion: 99 Resp: 1999757

Ion Ratio Lower Upper

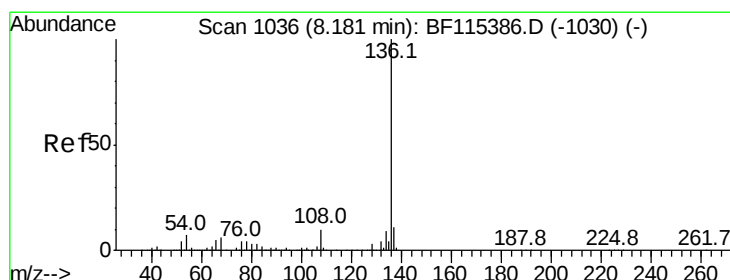
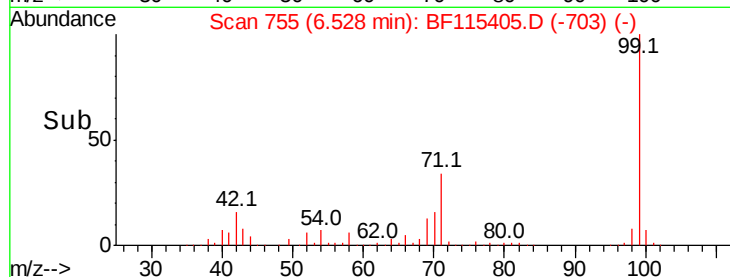
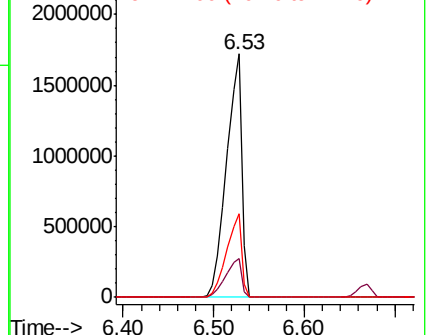
99 100

42 16.2 13.1 19.7

71 34.4 25.9 38.9



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: BF115405.D

Acq: 8 Jul 2019 15:01

Tgt Ion: 136 Resp: 857344

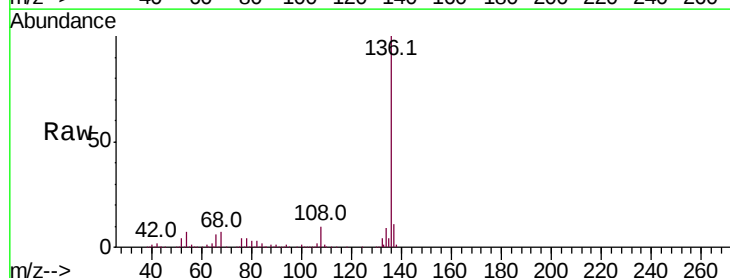
Ion Ratio Lower Upper

136 100

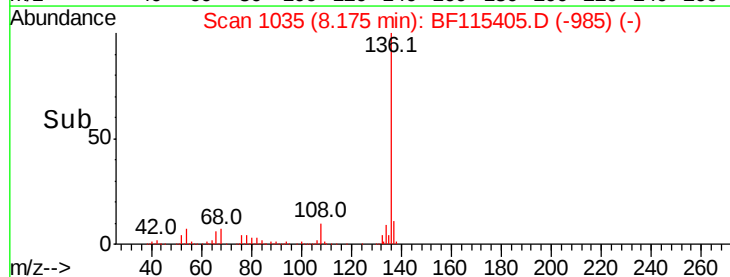
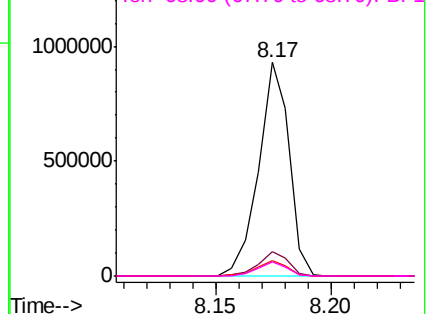
137 11.3 8.9 13.3

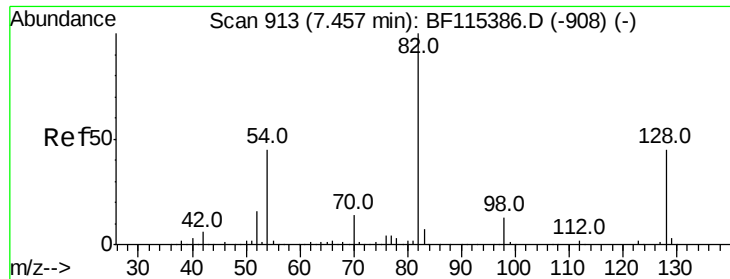
54 7.4 5.6 8.4

68 6.6 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



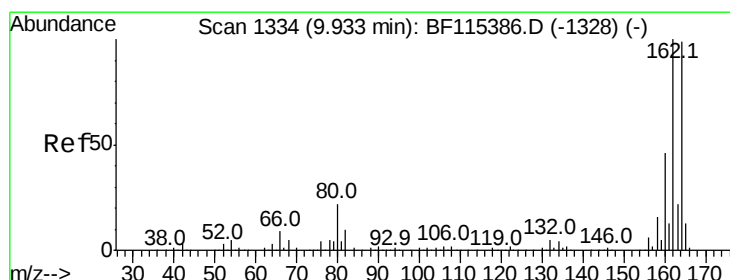
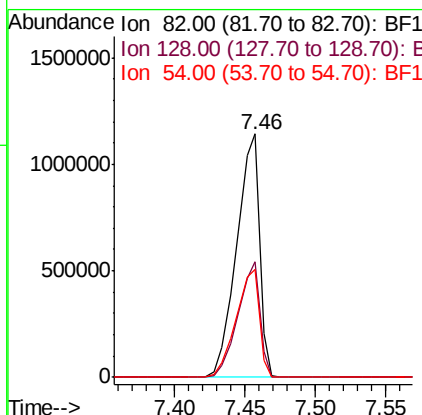
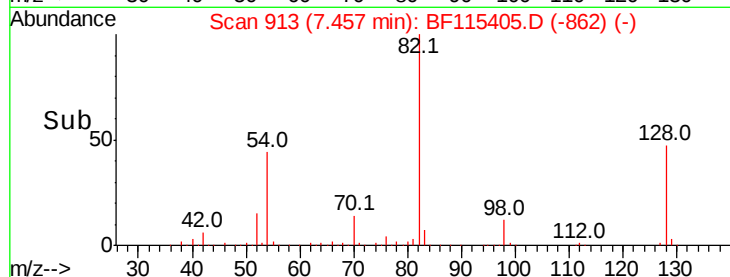
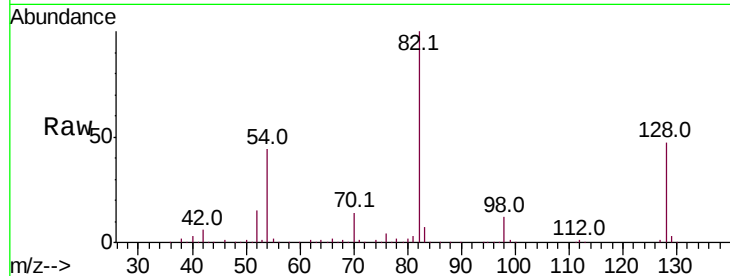


#23
 Nitrobenzene-d5
 Concen: 88.450 ng
 RT: 7.46 min Scan# 913
 Delta R.T. -0.00 min
 Lab File: BF115405.D
 Acq: 8 Jul 2019 15:01

Instrument :
 BNA_F
 ClientSampleId :
 PB121130BL

Tot Ion: 82 Resp: 1283472

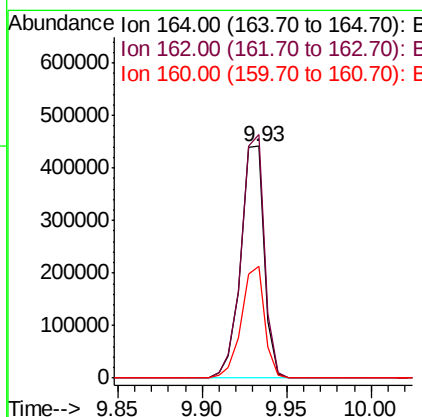
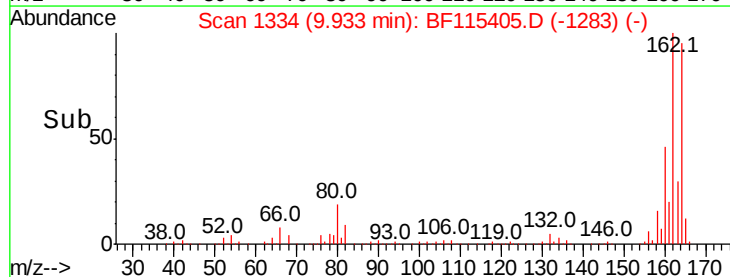
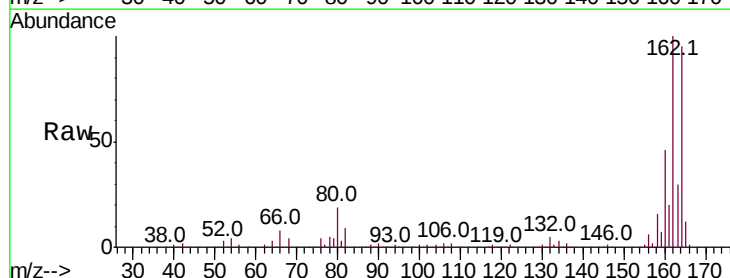
Ion	Ratio	Lower	Upper
82	100		
128	47.4	35.7	53.5
54	44.1	36.3	54.5

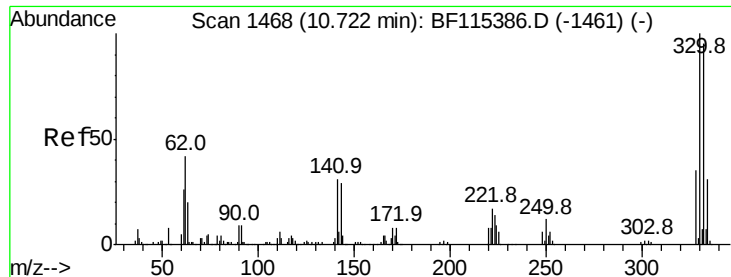


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: BF115405.D
 Acq: 8 Jul 2019 15:01

Tgt Ion:164 Resp: 429805

Ion	Ratio	Lower	Upper
164	100		
162	104.9	80.6	121.0
160	48.3	37.0	55.6





#42

2,4,6-Tribromophenol

Concen: 120.639 ng

RT: 10.72 min Scan# 1468

Delta R.T. -0.00 min

Lab File: BF115405.D

Acq: 8 Jul 2019 15:01

Instrument :

BNA_F

ClientSampleId :

PB121130BL

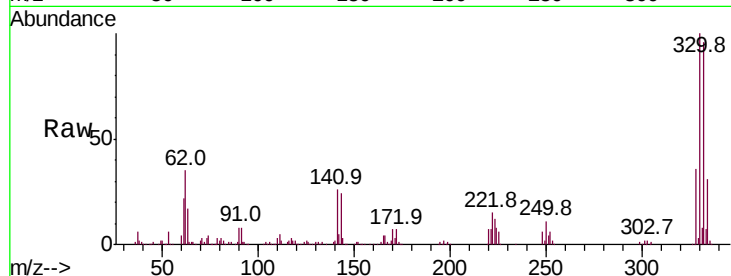
Tot Ion:330 Resp: 573301

Ion Ratio Lower Upper

330 100

332 95.9 76.3 114.5

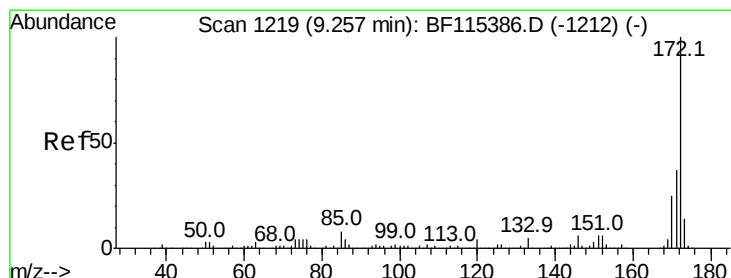
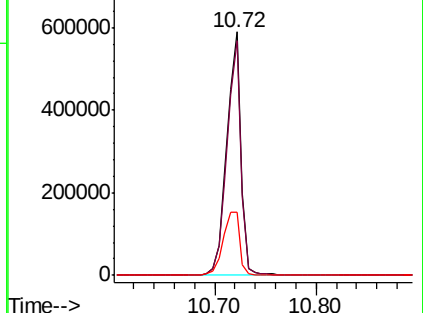
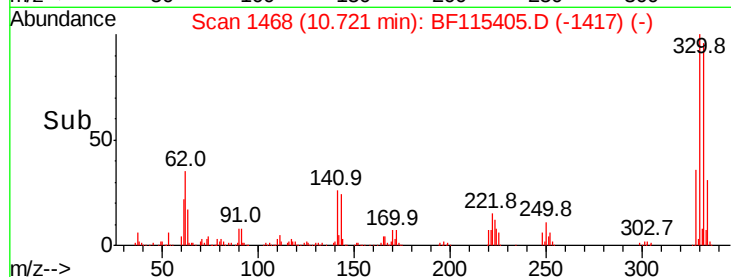
141 30.7 27.0 40.4



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: 90.187 ng

RT: 9.26 min Scan# 1219

Delta R.T. -0.00 min

Lab File: BF115405.D

Acq: 8 Jul 2019 15:01

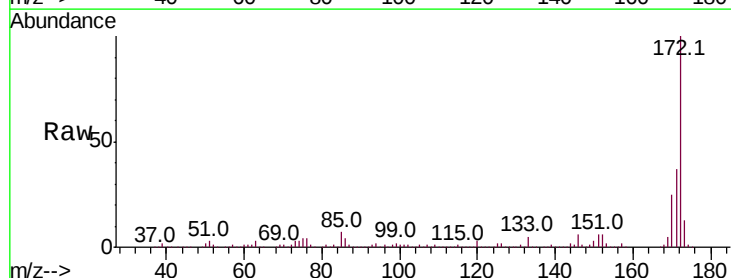
Tgt Ion:172 Resp: 2209034

Ion Ratio Lower Upper

172 100

171 36.8 29.8 44.8

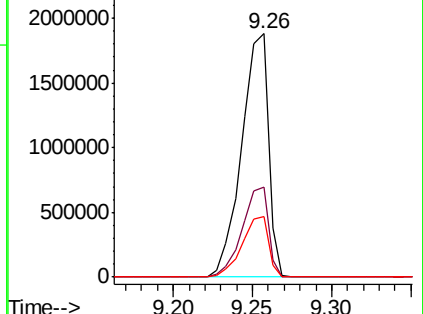
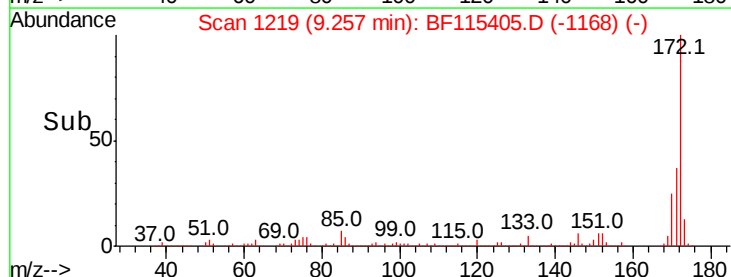
170 24.9 20.2 30.4

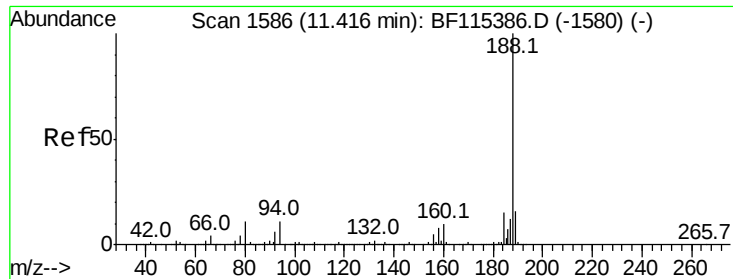


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

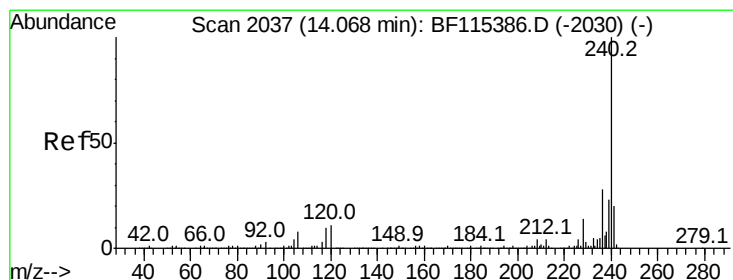
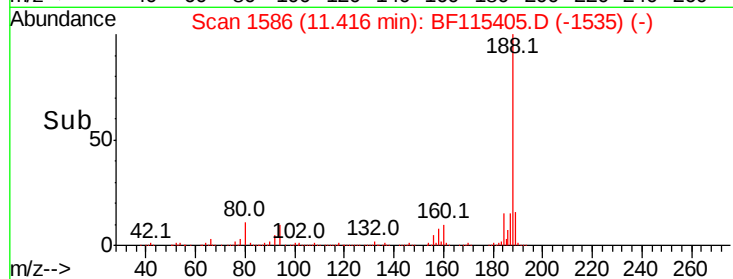
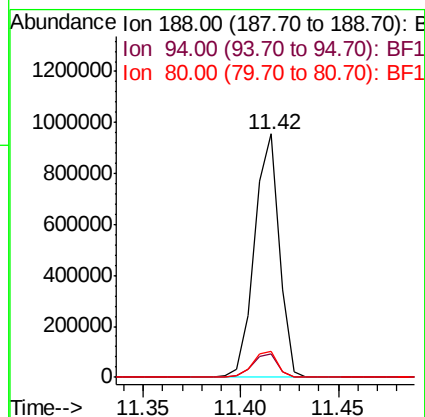
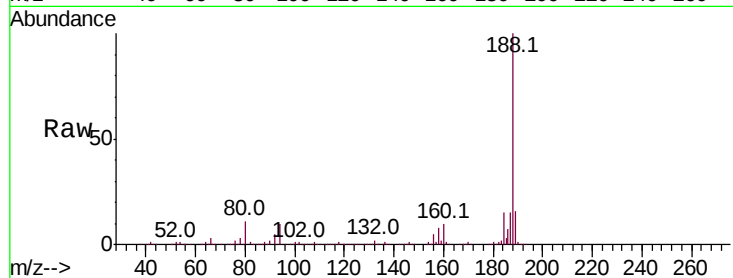




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF115405.D
Acq: 8 Jul 2019 15:01

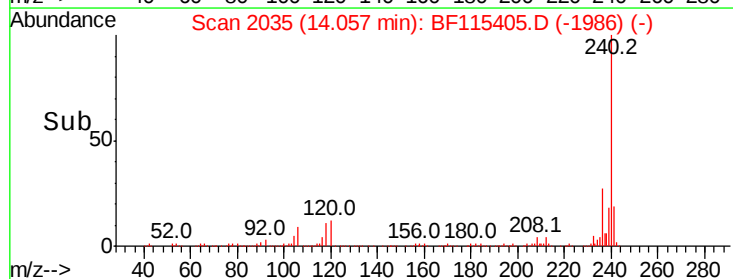
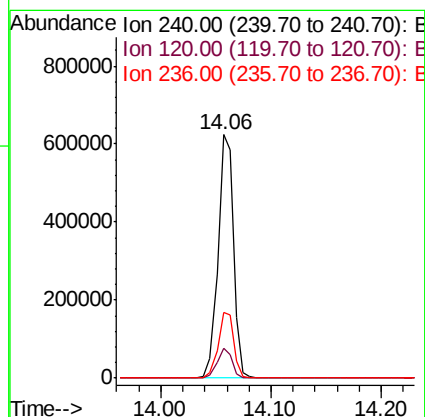
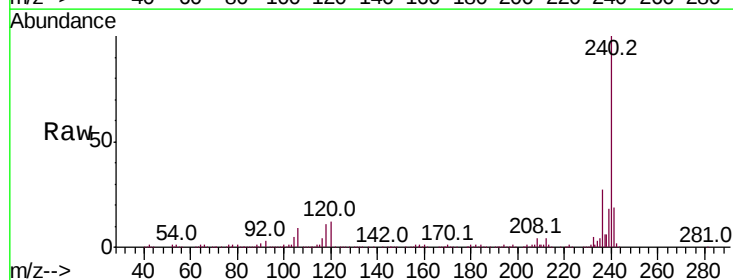
Instrument :
BNA_F
ClientSampleId :
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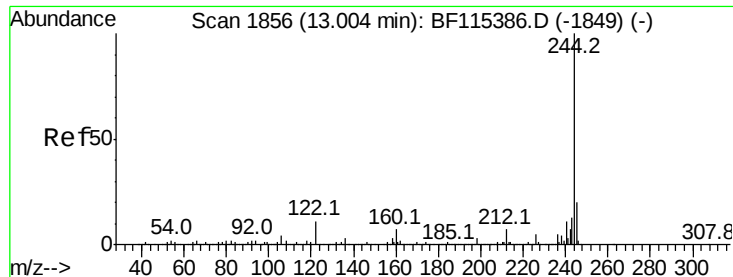
Tot Ion:188 Resp: 840561
Ion Ratio Lower Upper
188 100
94 9.8 8.5 12.7
80 10.6 9.1 13.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF115405.D
Acq: 8 Jul 2019 15:01

Tgt Ion:240 Resp: 604848
Ion Ratio Lower Upper
240 100
120 12.4 9.1 13.7
236 27.2 22.5 33.7





#79

Terphenyl-d14

Concen: 85.559 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.00 min

Lab File: BF115405.D

Acq: 8 Jul 2019 15:01

Instrument :

BNA_F

ClientSampleId :

PB121130BL

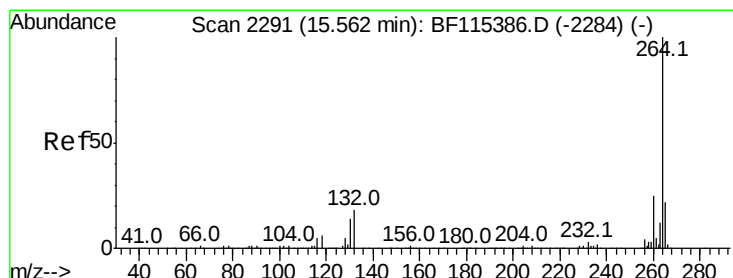
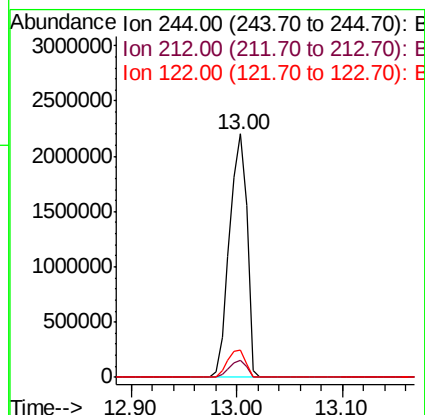
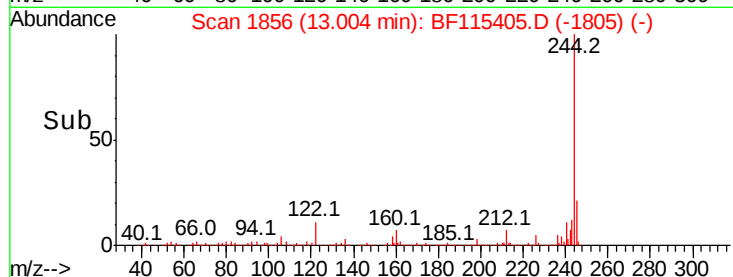
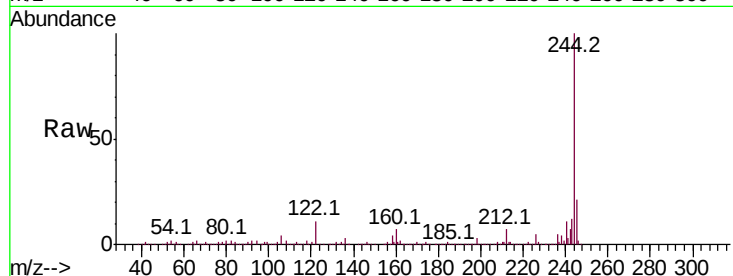
Tot Ion:244 Resp: 2527486

Ion Ratio Lower Upper

244 100

212 7.3 5.7 8.5

122 11.3 9.1 13.7



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.56 min Scan# 2291

Delta R.T. -0.00 min

Lab File: BF115405.D

Acq: 8 Jul 2019 15:01

Tgt Ion:264 Resp: 543523

Ion Ratio Lower Upper

264 100

260 24.4 19.9 29.9

265 21.7 17.4 26.2

