

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070819\
 Data File : BF115401.D
 Acq On : 8 Jul 2019 12:20
 Operator : HP/JU
 Sample : PB121089BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121089BL

Quant Time: Jul 08 14:51:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 08 14:37:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	221166	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	867273	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	430601	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	824993	20.00	ng	0.00
76) Chrysene-d12	14.06	240	582065	20.00	ng	-0.02
87) Perylene-d12	15.56	264	517593	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1611303	112.56	ng	0.01
7) Phenol-d6	6.53	99	2077866	114.14	ng	0.00
23) Nitrobenzene-d5	7.46	82	1323062	90.13	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	575503	120.88	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	2260128	92.10	ng	0.00
79) Terphenyl-d14	13.00	244	2457573	86.45	ng	0.00

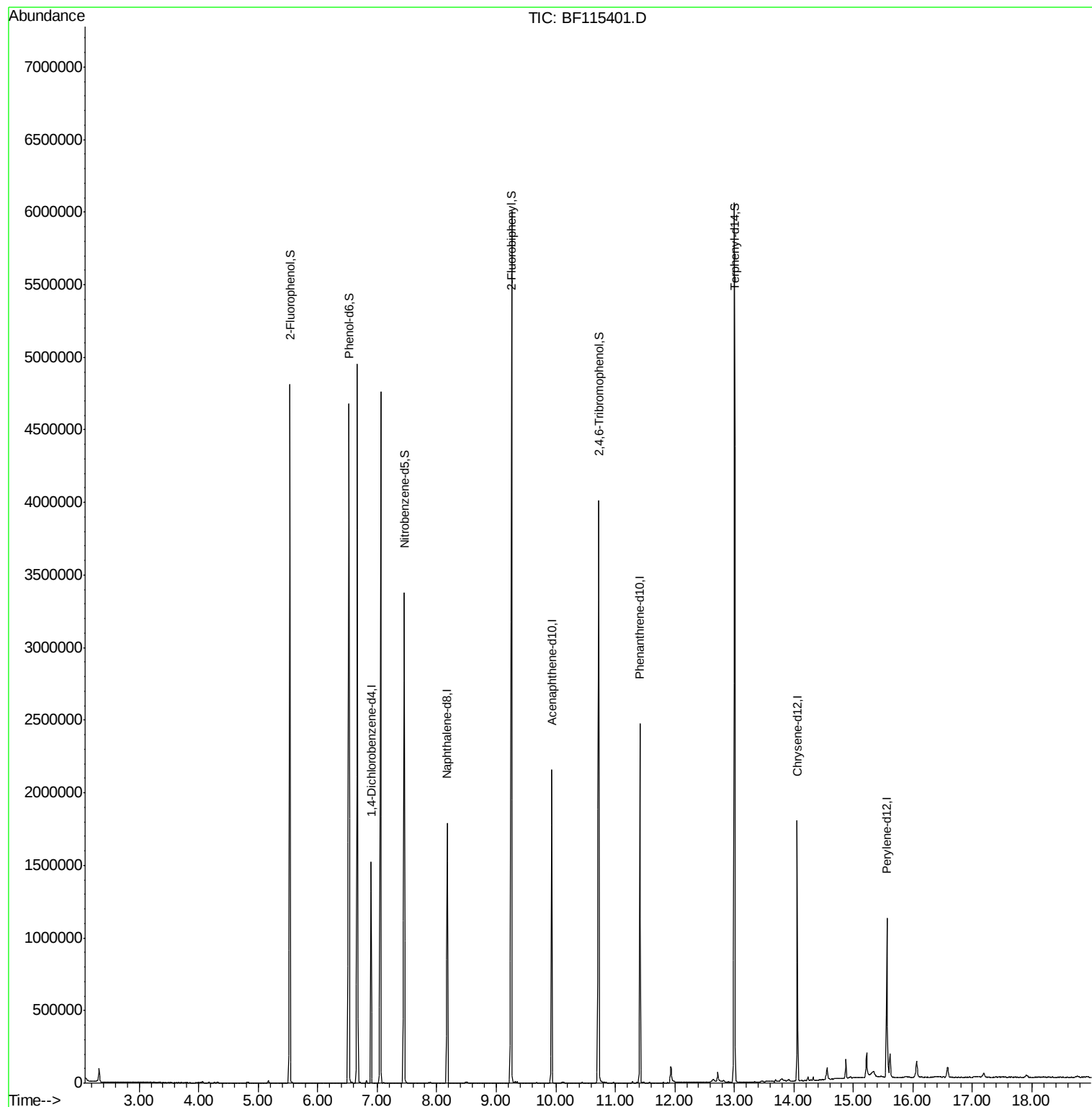
Target Compounds Qvalue

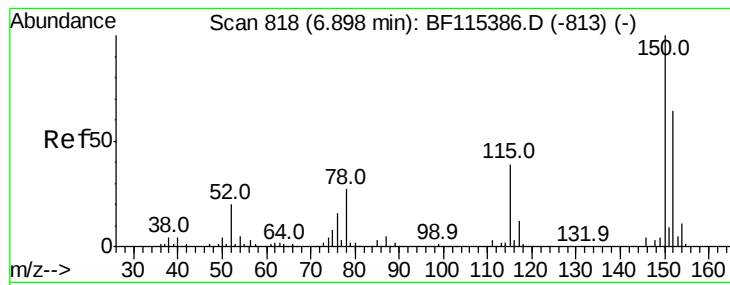
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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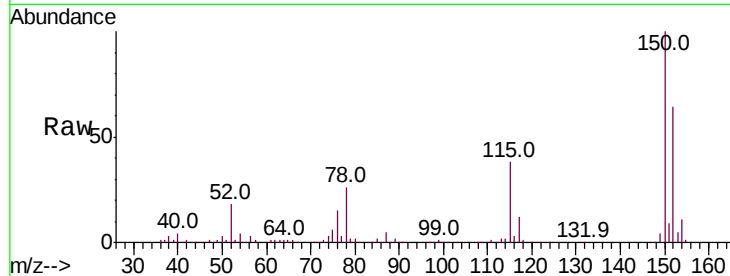


#1

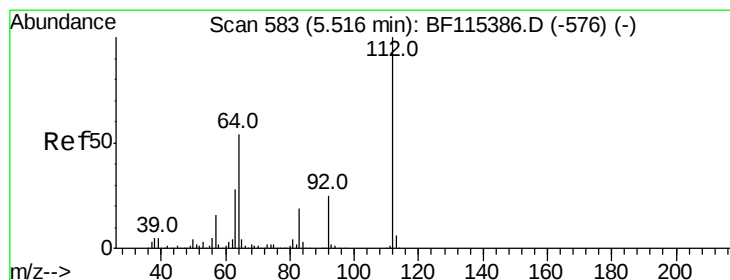
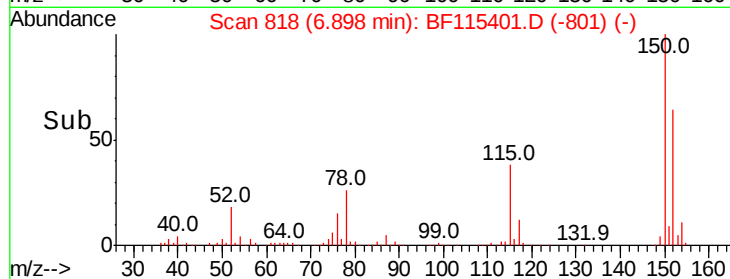
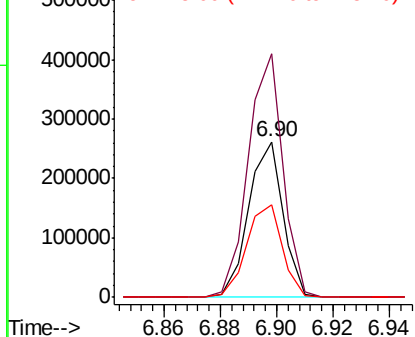
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF115401.D
Acq: 8 Jul 2019 12:20

Instrument :
BNA_F
ClientSampleId :
PB121089BL

Tot Ion:152 Resp: 221166
Ion Ratio Lower Upper
152 100
150 156.4 125.1 187.7
115 59.3 50.2 75.2



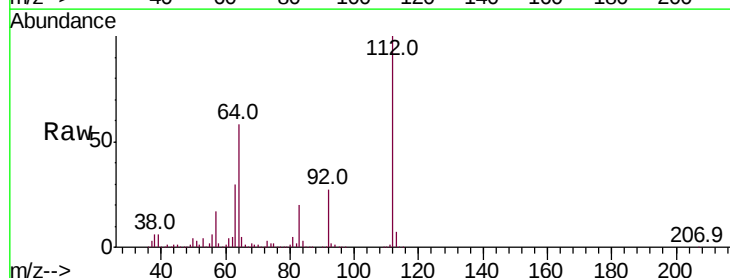
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



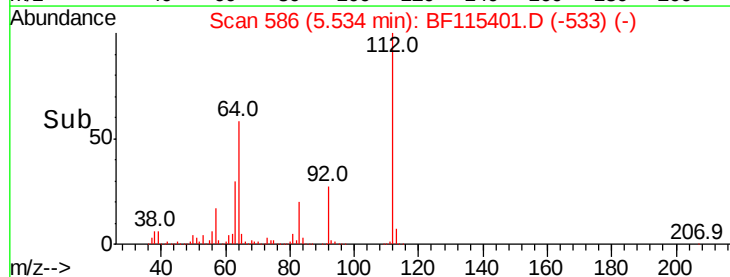
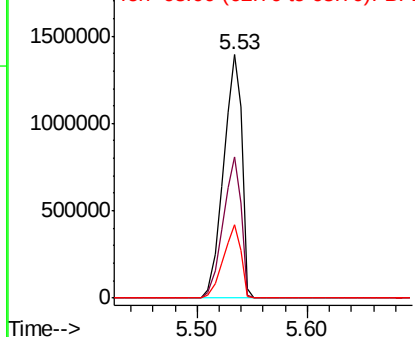
#5

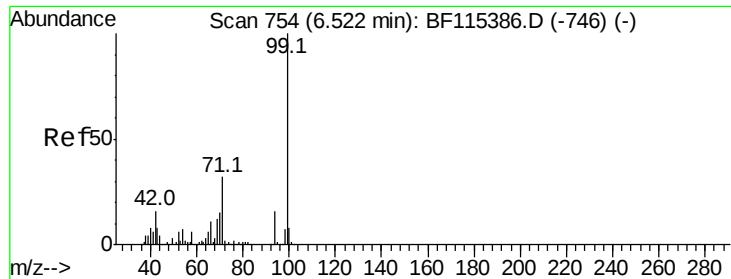
2-Fluorophenol
Concen: 112.563 ng
RT: 5.53 min Scan# 586
Delta R.T. 0.01 min
Lab File: BF115401.D
Acq: 8 Jul 2019 12:20

Tgt Ion:112 Resp: 1611303
Ion Ratio Lower Upper
112 100
64 58.1 43.4 65.2
63 30.0 22.4 33.6



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: 114.135 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.00 min

Lab File: BF115401.D

Acq: 8 Jul 2019 12:20

Instrument :

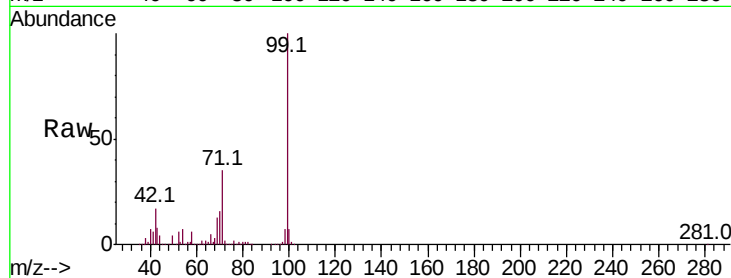
BNA_F

ClientSampleId :

PB121089BL

Tot Ion: 99 Resp: 2077866

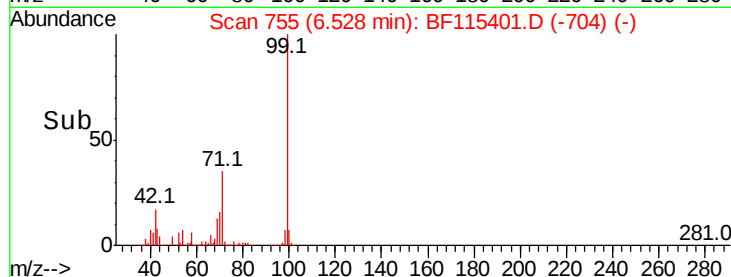
Ion	Ratio	Lower	Upper
99	100		
42	16.7	13.4	20.0
71	34.7	26.5	39.7



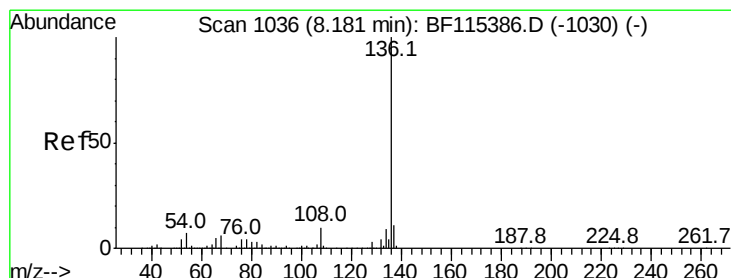
Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1035

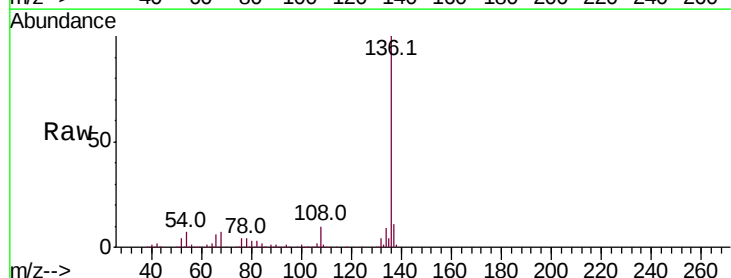
Delta R.T. -0.01 min

Lab File: BF115401.D

Acq: 8 Jul 2019 12:20

Tgt Ion: 136 Resp: 867273

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	7.3	6.1	9.1
68	6.7	5.4	8.0

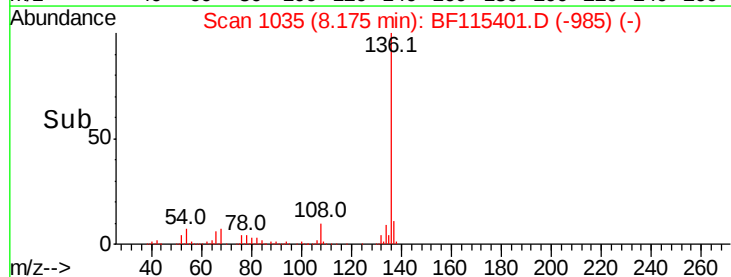


Abundance Ion 136.00 (135.70 to 136.70): E

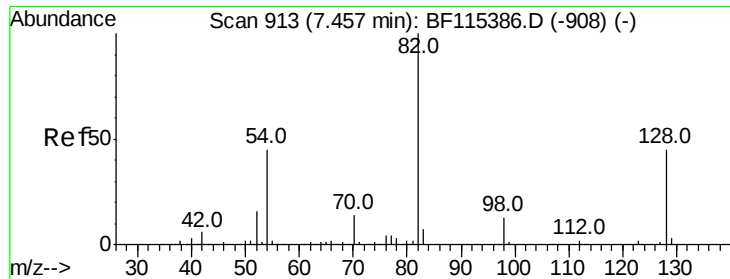
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->

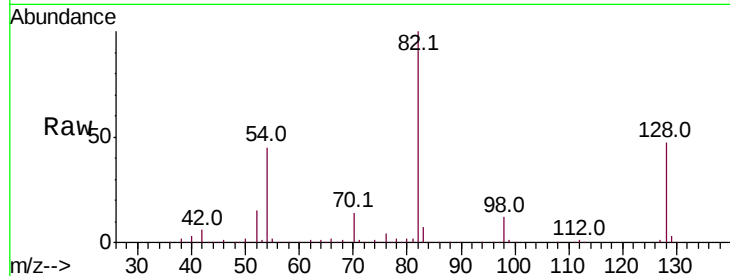


#23
 Nitrobenzene-d5
 Concen: 90.134 ng
 RT: 7.46 min Scan# 913
 Delta R.T. -0.01 min
 Lab File: BF115401.D
 Acq: 8 Jul 2019 12:20

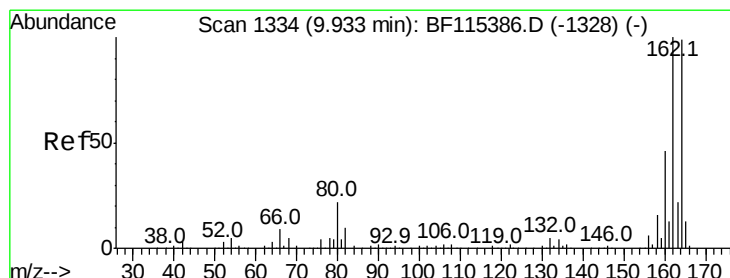
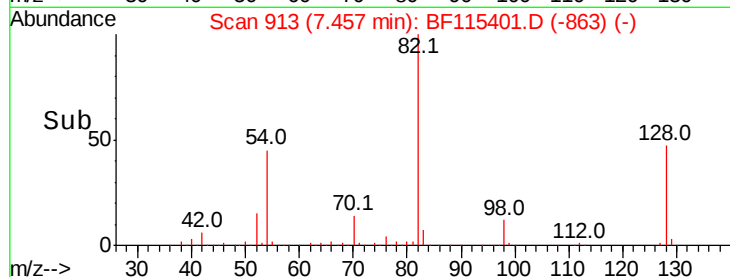
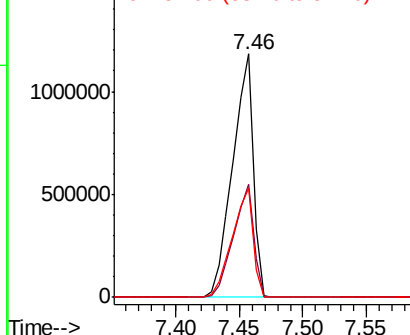
Instrument :
 BNA_F
 ClientSampleId :
 PB121089BL

Tot Ion: 82 Resp: 1323062

Ion	Ratio	Lower	Upper
82	100		
128	46.5	36.2	54.4
54	44.9	35.8	53.6



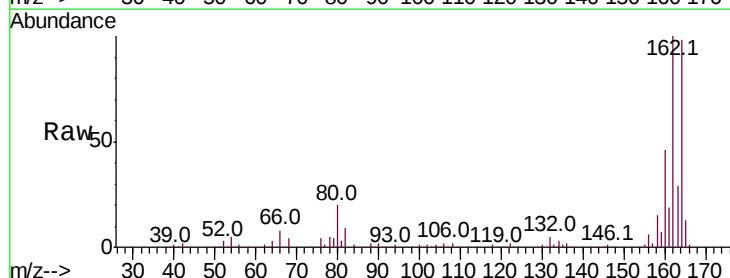
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1



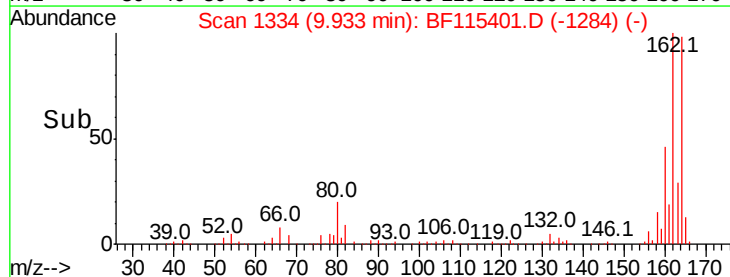
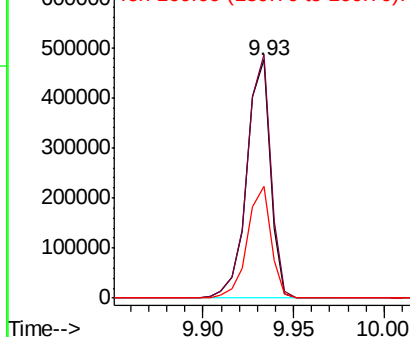
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.01 min
 Lab File: BF115401.D
 Acq: 8 Jul 2019 12:20

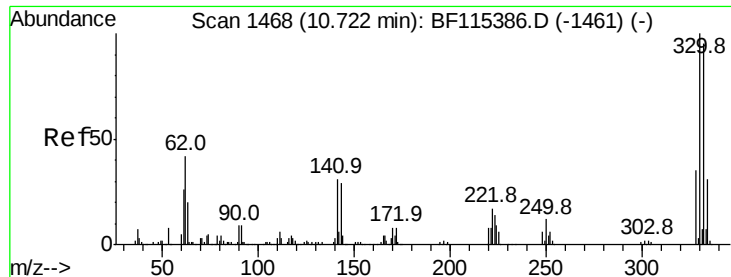
Tgt Ion: 164 Resp: 430601

Ion	Ratio	Lower	Upper
164	100		
162	102.2	82.6	123.8
160	46.9	37.5	56.3



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

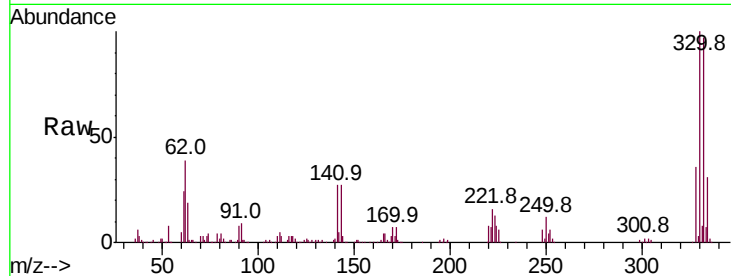




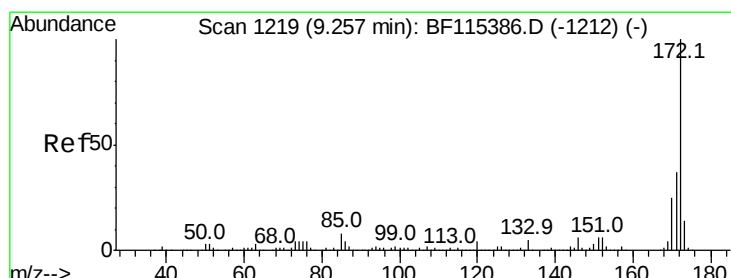
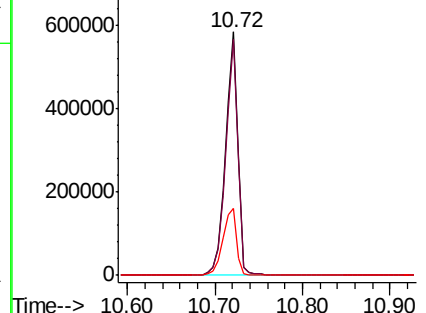
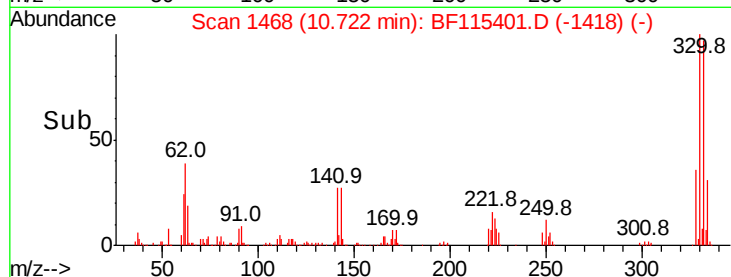
#42
 2,4,6-Tribromophenol
 Concen: 120.878 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. -0.01 min
 Lab File: BF115401.D
 Acq: 8 Jul 2019 12:20

Instrument :
 BNA_F
 ClientSampleId :
 PB121089BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.5	116.3
141	30.5	25.8	38.6

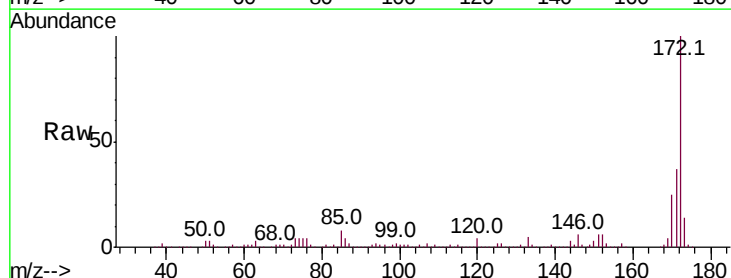


Abundance Ion 329.80 (329.50 to 330.50): E
 800000 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

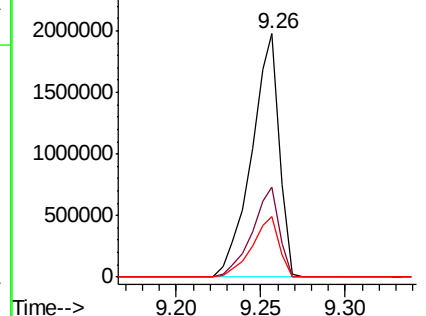
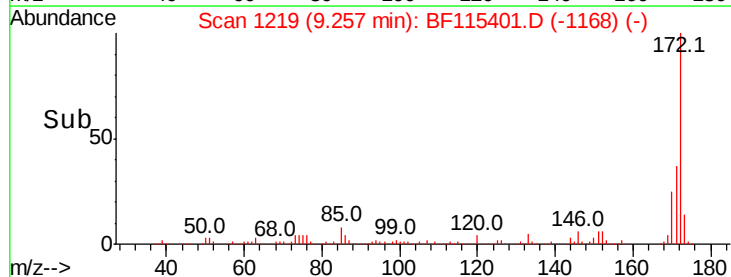


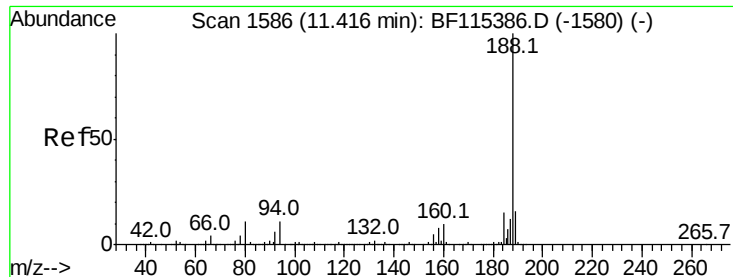
#45
 2-Fluorobiphenyl
 Concen: 92.103 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.00 min
 Lab File: BF115401.D
 Acq: 8 Jul 2019 12:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.6	44.4
170	24.9	20.2	30.2



Abundance Ion 172.00 (171.70 to 172.70): E
 2500000 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

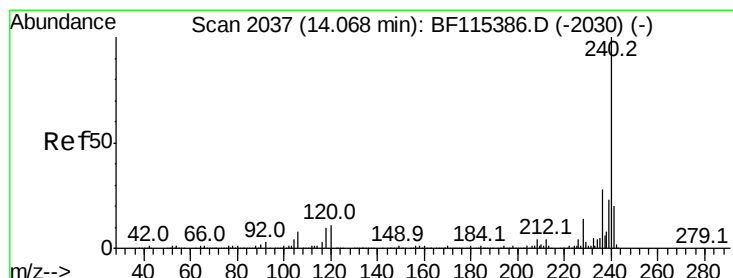
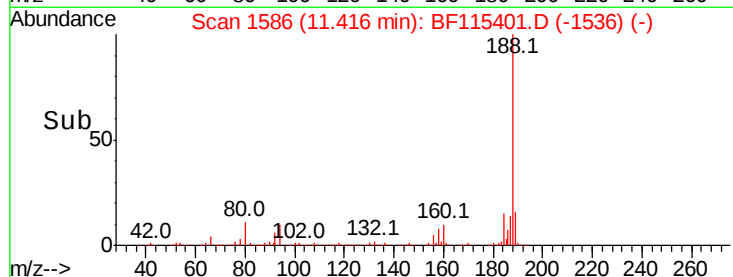
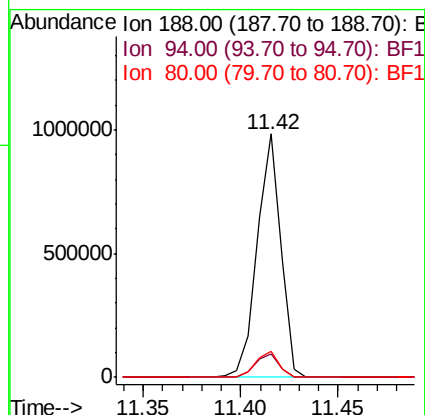
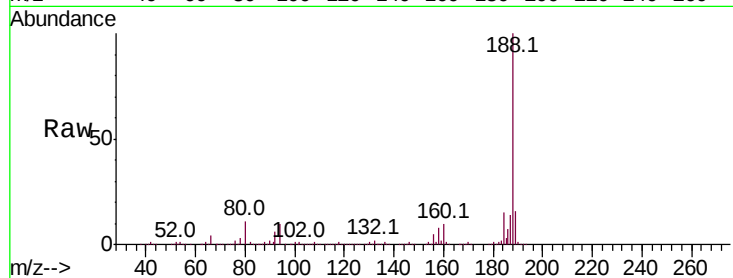




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.01 min
Lab File: BF115401.D
Acq: 8 Jul 2019 12:20

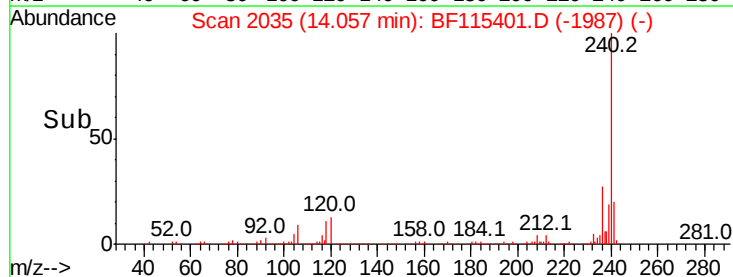
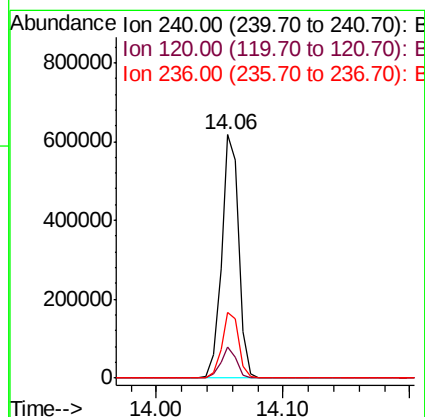
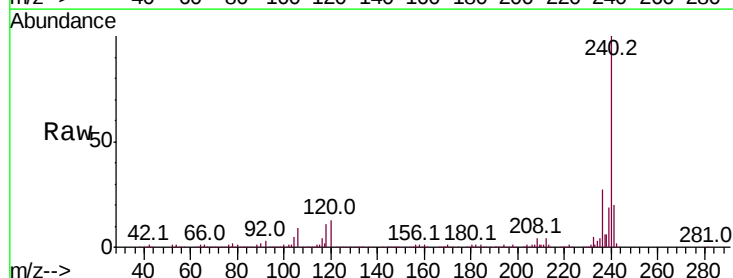
Instrument :
BNA_F
ClientSampleId :
PB121089BL

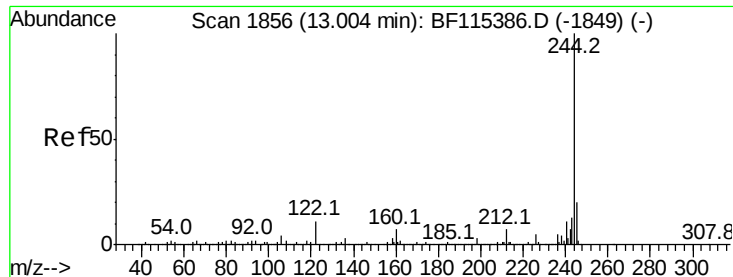
Tot Ion:188 Resp: 824993
Ion Ratio Lower Upper
188 100
94 9.8 7.9 11.9
80 10.6 8.5 12.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.02 min
Lab File: BF115401.D
Acq: 8 Jul 2019 12:20

Tgt Ion:240 Resp: 582065
Ion Ratio Lower Upper
240 100
120 12.7 10.5 15.7
236 27.2 21.1 31.7





#79

Terphenyl-d14

Concen: 86.449 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.00 min

Lab File: BF115401.D

Acq: 8 Jul 2019 12:20

Instrument :

BNA_F

ClientSampleId :

PB121089BL

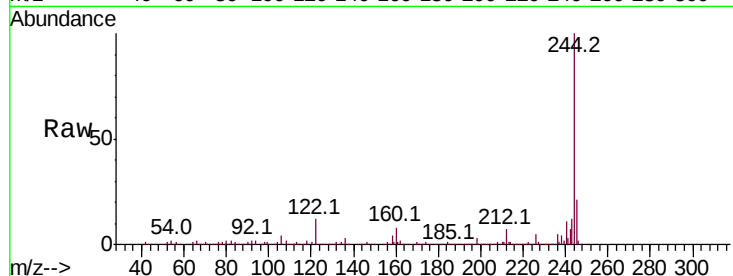
Tot Ion:244 Resp: 2457573

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

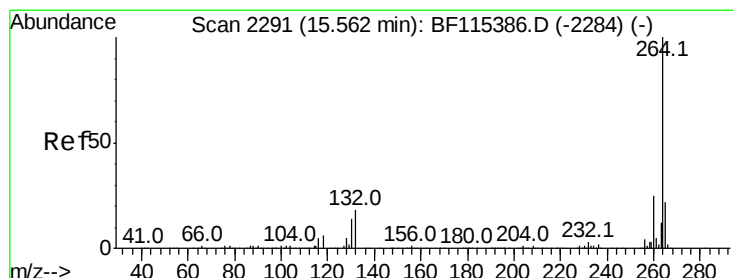
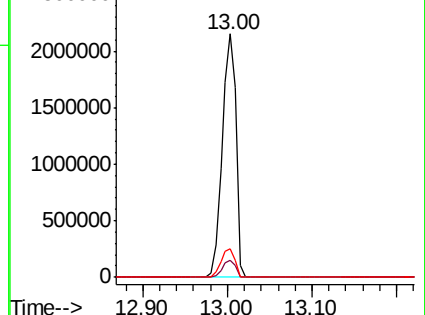
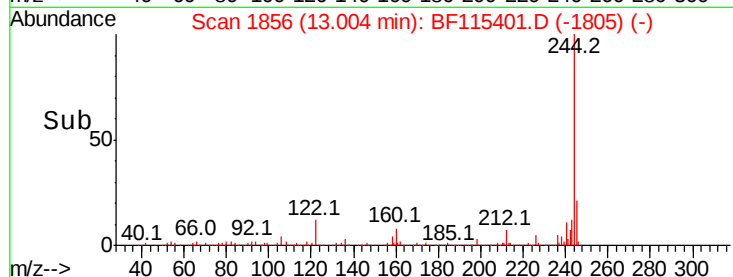
122 11.8 9.7 14.5



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: 15.56 min Scan# 2291

Delta R.T. -0.02 min

Lab File: BF115401.D

Acq: 8 Jul 2019 12:20

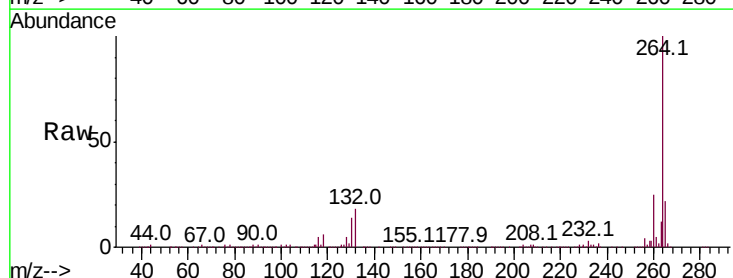
Tgt Ion:264 Resp: 517593

Ion Ratio Lower Upper

264 100

260 24.7 20.3 30.5

265 22.4 17.6 26.4



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

