

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042319\
 Data File : BF113929.D
 Acq On : 23 Apr 2019 19:12
 Operator : JU/SJ
 Sample : K2532-15
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-17

Quant Time: Apr 24 06:46:27 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

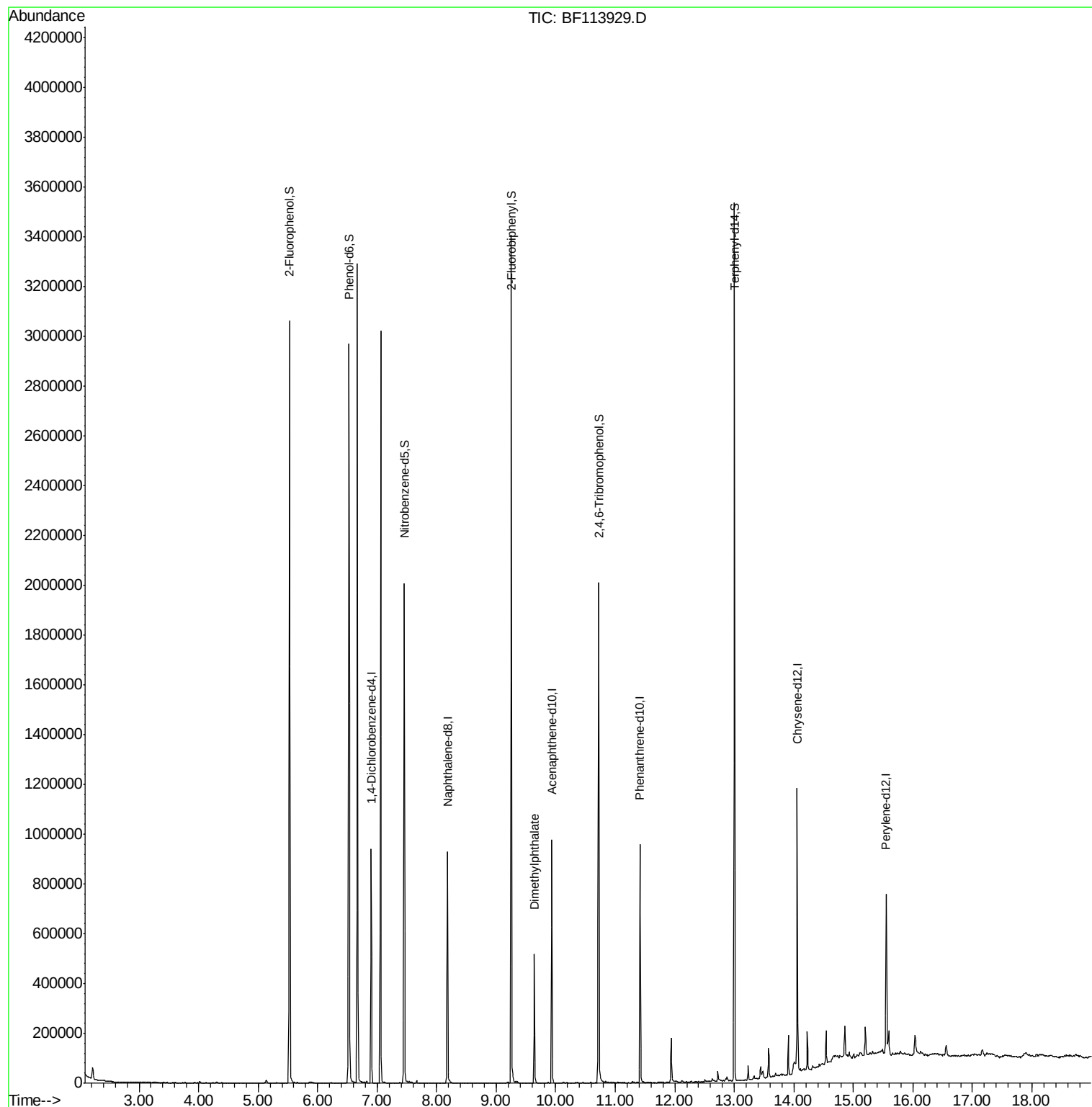
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	127834	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	436514	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	190025	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	341186	20.00	ng	0.00
76) Chrysene-d12	14.06	240	368885	20.00	ng	-0.01
87) Perylene-d12	15.55	264	322156	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	923958	123.62	ng	0.01
7) Phenol-d6	6.53	99	1159064	123.60	ng	0.00
23) Nitrobenzene-d5	7.46	82	690318	97.64	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	277142	119.72	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1132022	93.17	ng	0.00
79) Terphenyl-d14	13.00	244	1245935	69.24	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.64	163	215760	15.700	ng	Qvalue 100

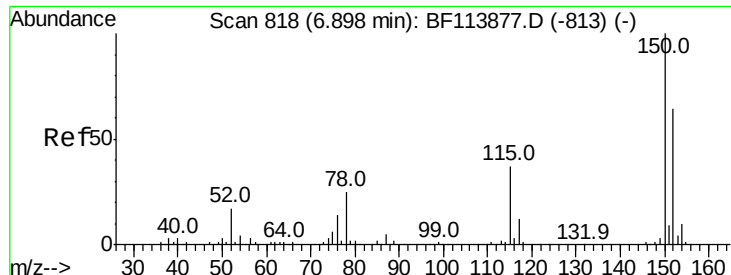
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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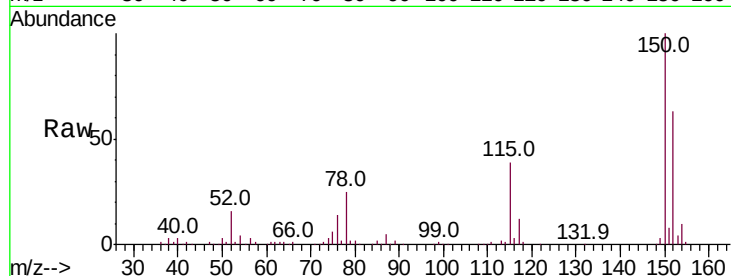


#1

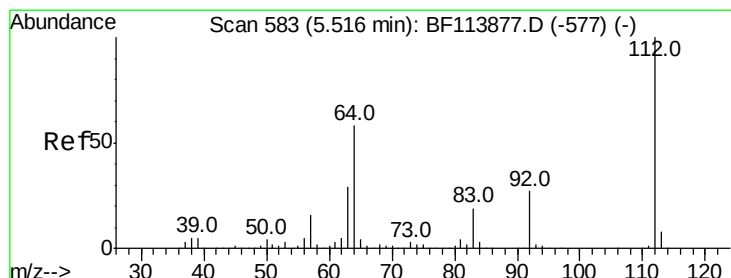
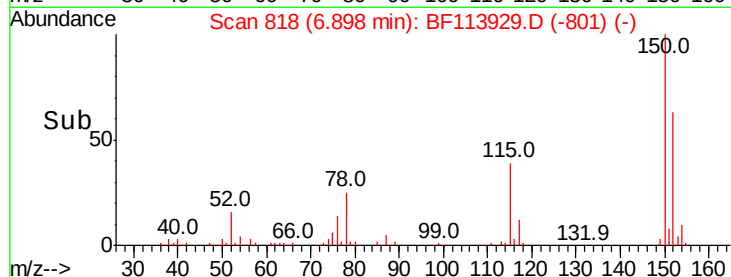
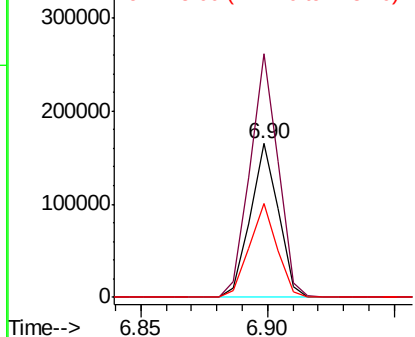
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF113929.D
Acq: 23 Apr 2019 19:12

Instrument :
BNA_F
ClientSampleId :
TP-17

Tot Ion:152 Resp: 127834
Ion Ratio Lower Upper
152 100
150 158.1 125.9 188.9
115 61.3 45.9 68.9



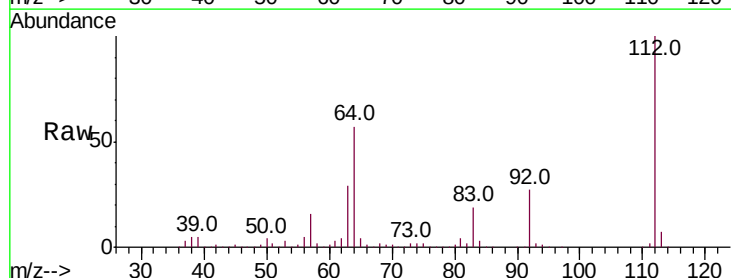
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



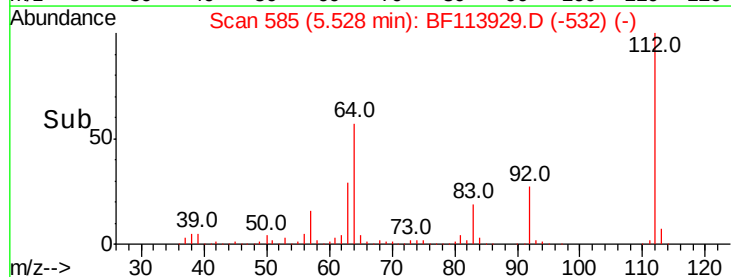
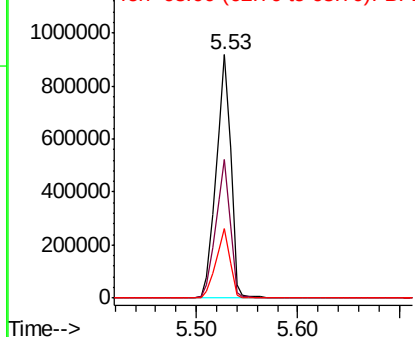
#5

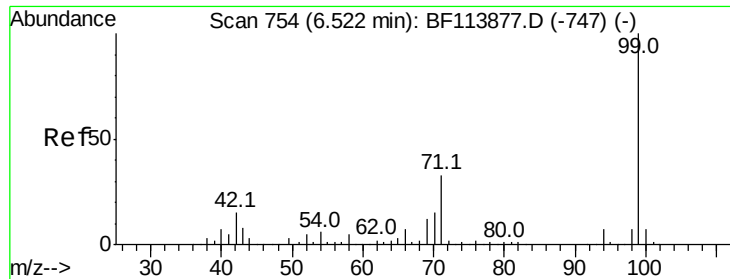
2-Fluorophenol
Concen: 123.621 ng
RT: 5.53 min Scan# 585
Delta R.T. 0.01 min
Lab File: BF113929.D
Acq: 23 Apr 2019 19:12

Tgt Ion:112 Resp: 923958
Ion Ratio Lower Upper
112 100
64 57.1 46.6 69.8
63 28.6 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: 123.605 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF113929.D

Acq: 23 Apr 2019 19:12

Instrument :

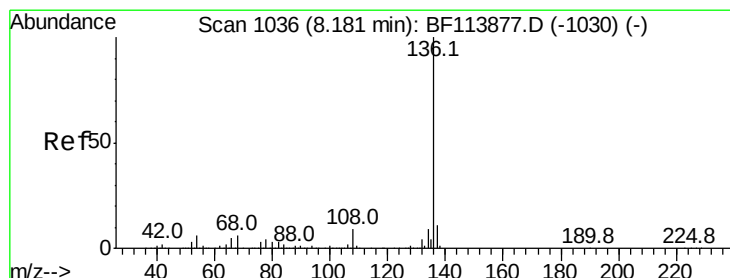
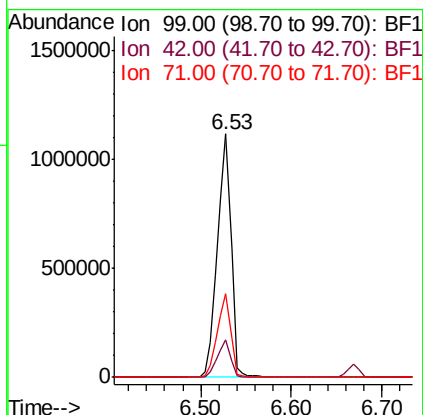
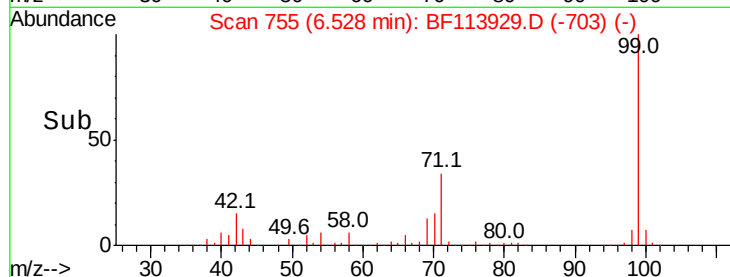
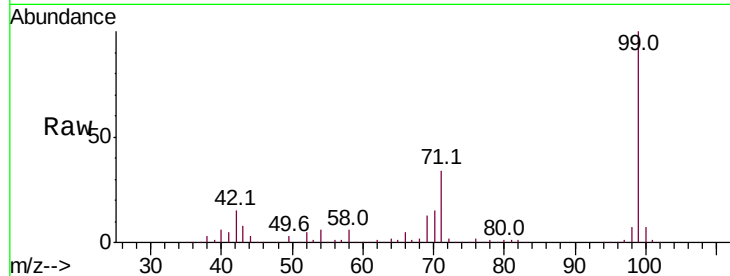
BNA_F

ClientSampleId :

TP-17

Tot Ion: 99 Resp: 1159064

Ion	Ratio	Lower	Upper
99	100		
42	15.3	12.5	18.7
71	34.4	26.9	40.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.18 min Scan# 1036

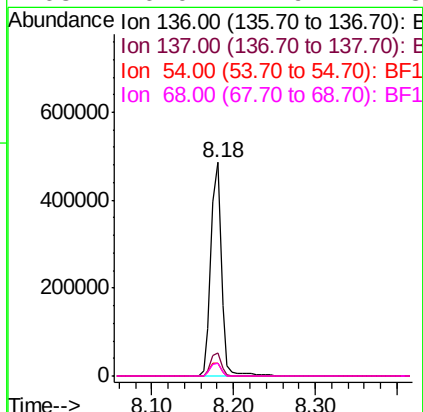
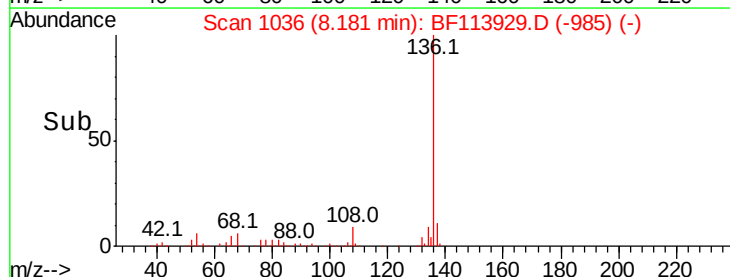
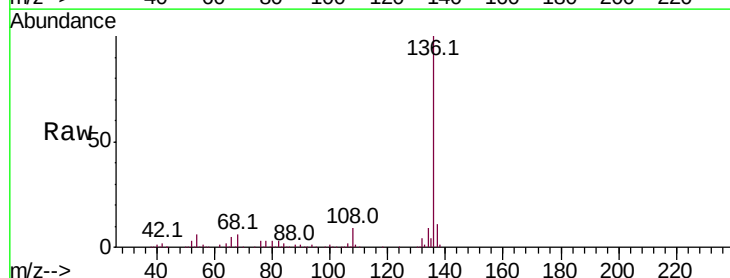
Delta R.T. 0.00 min

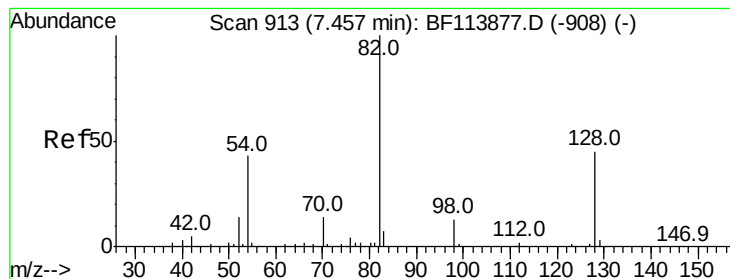
Lab File: BF113929.D

Acq: 23 Apr 2019 19:12

Tgt Ion: 136 Resp: 436514

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	6.0	5.0	7.6
68	6.0	4.9	7.3





#23

Nitrobenzene-d5

Concen: 97.644 ng

RT: 7.46 min Scan# 913

Delta R.T. 0.00 min

Lab File: BF113929.D

Acq: 23 Apr 2019 19:12

Instrument :

BNA_F

ClientSampled :

TP-17

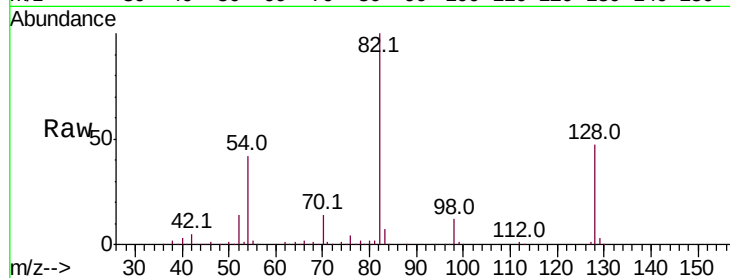
Tot Ion: 82 Resp: 690318

Ion Ratio Lower Upper

82 100

128 47.0 36.8 55.2

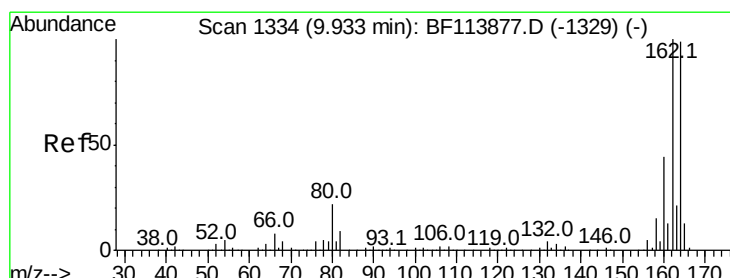
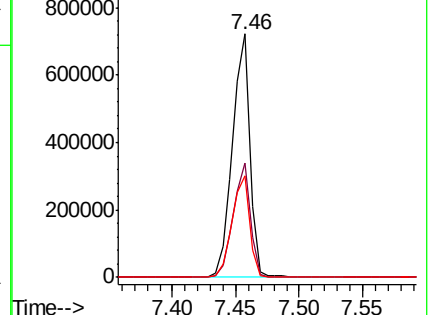
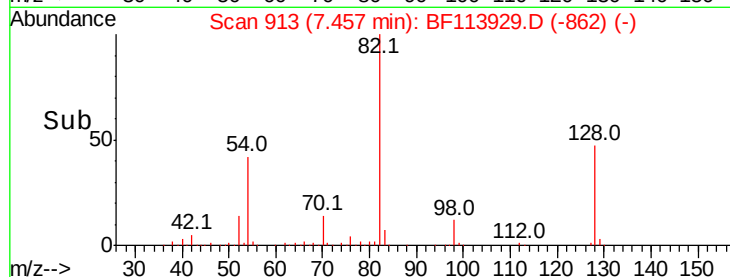
54 41.9 33.8 50.6



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: BF113929.D

Acq: 23 Apr 2019 19:12

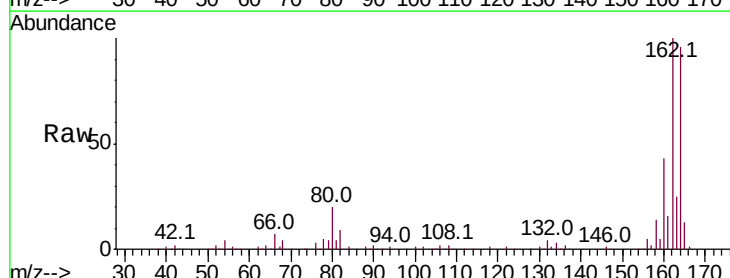
Tgt Ion:164 Resp: 190025

Ion Ratio Lower Upper

164 100

162 103.9 81.1 121.7

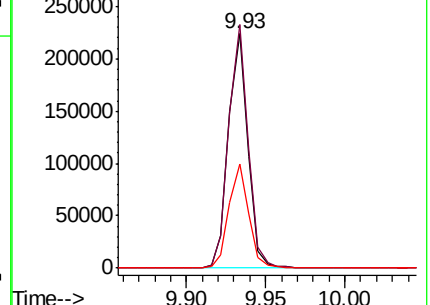
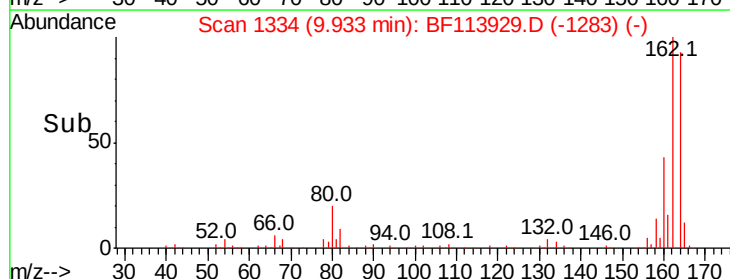
160 44.3 35.8 53.6

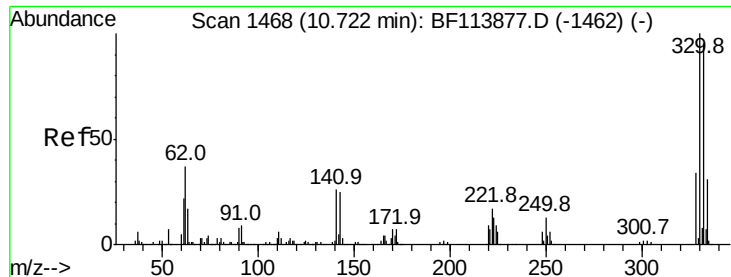


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

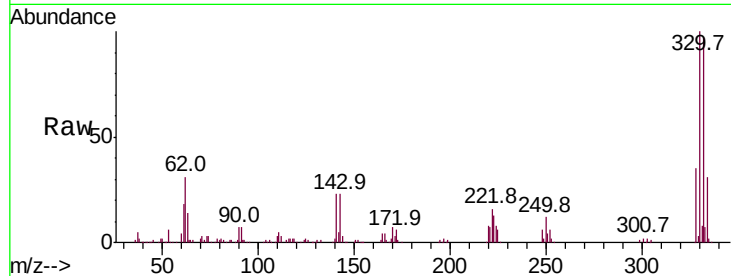




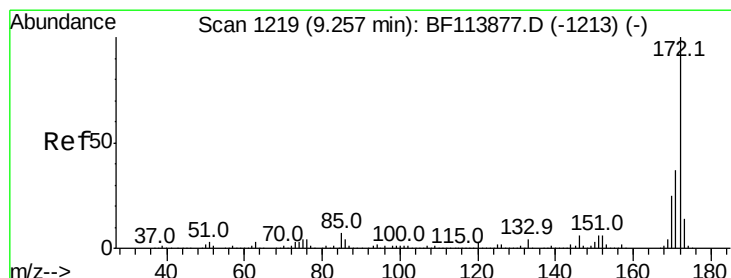
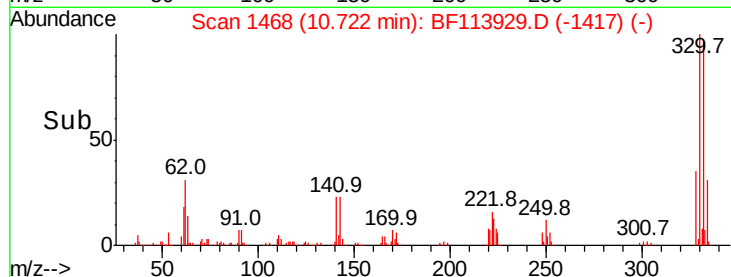
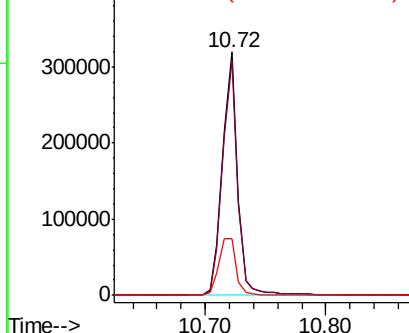
#42
 2,4,6-Tribromophenol
 Concen: 119.721 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. 0.00 min
 Lab File: BF113929.D
 Acq: 23 Apr 2019 19:12

Instrument :
 BNA_F
 ClientSampleId :
 TP-17

Tot Ion:330 Resp: 277142
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.5 116.3
 141 27.1 22.2 33.2

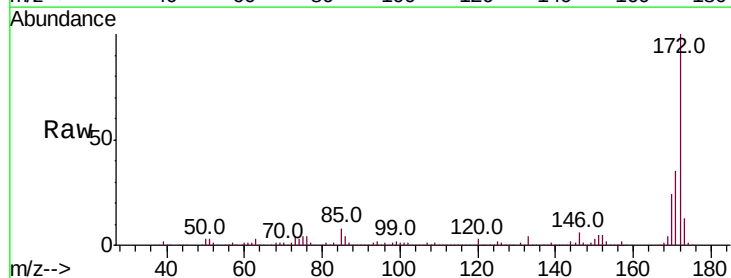


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

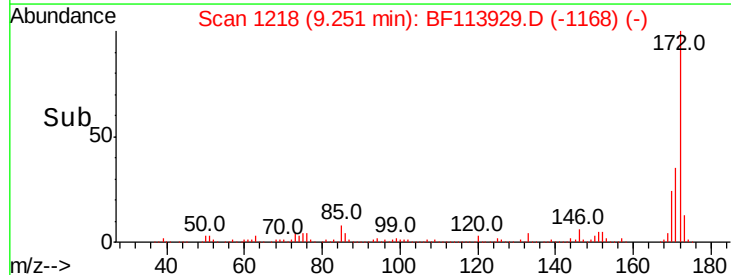
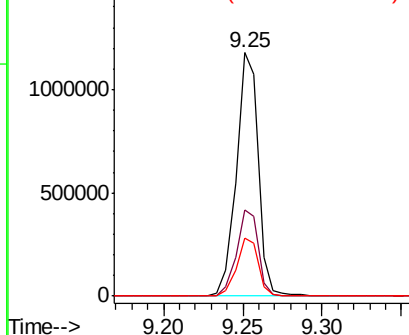


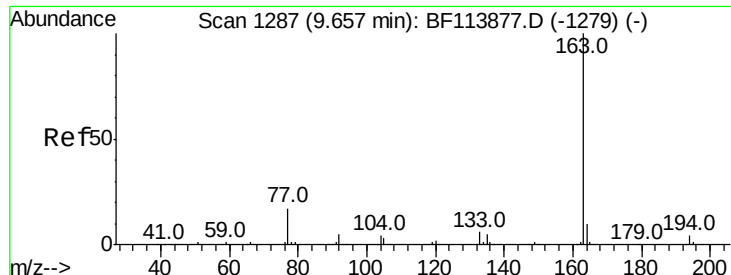
#45
 2-Fluorobiphenyl
 Concen: 93.173 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.00 min
 Lab File: BF113929.D
 Acq: 23 Apr 2019 19:12

Tgt Ion:172 Resp: 1132022
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.4 44.0
 170 23.8 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





#50

Dimethylphthalate

Concen: 15.700 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.02 min

Lab File: BF113929.D

Acq: 23 Apr 2019 19:12

Instrument :

BNA_F

ClientSampleId :

TP-17

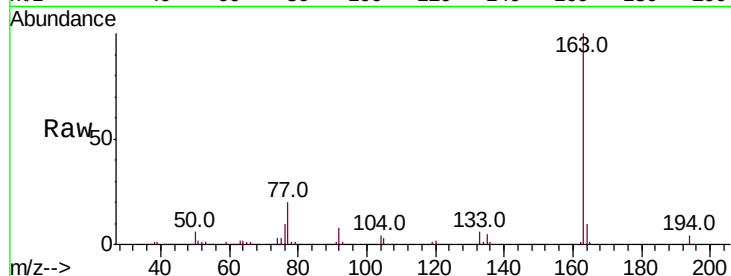
Tot Ion:163 Resp: 215760

Ion Ratio Lower Upper

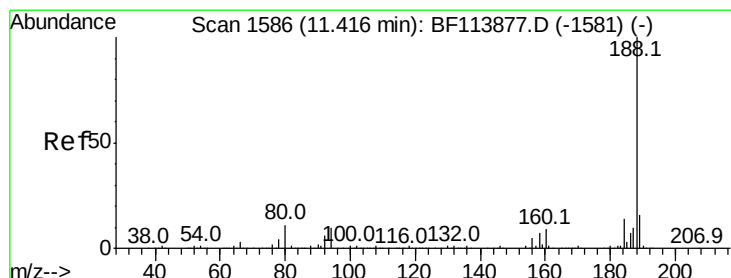
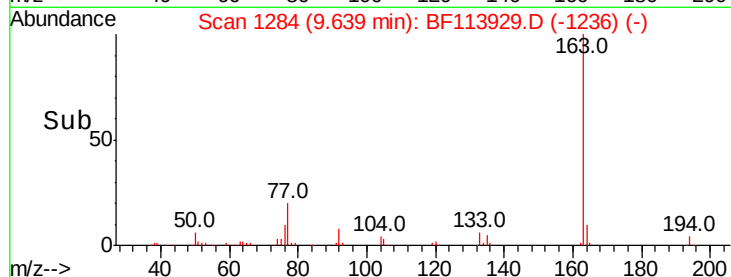
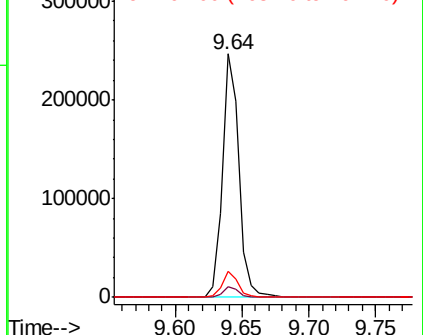
163 100

194 4.2 3.4 5.2

164 10.5 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.00 min

Lab File: BF113929.D

Acq: 23 Apr 2019 19:12

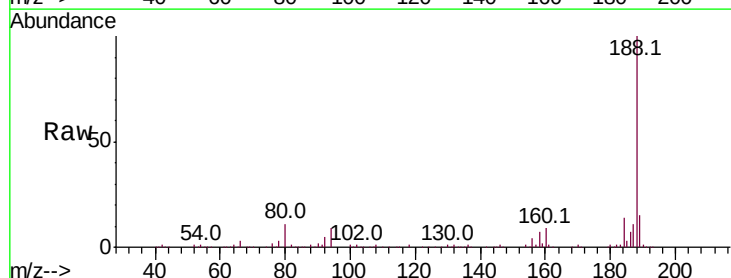
Tgt Ion:188 Resp: 341186

Ion Ratio Lower Upper

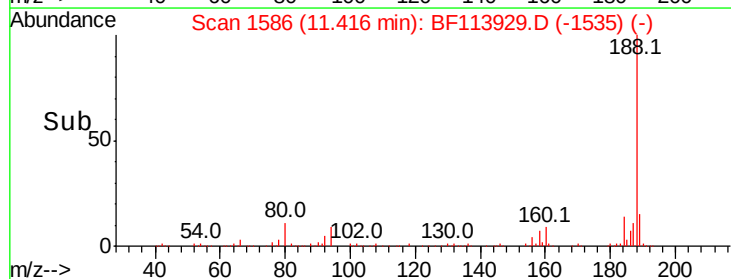
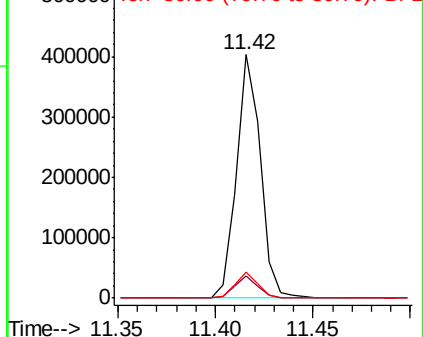
188 100

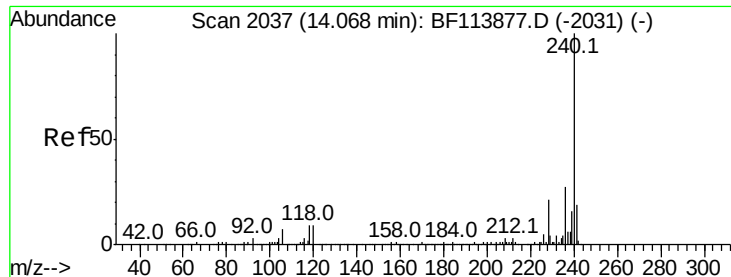
94 9.1 8.2 12.4

80 10.9 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

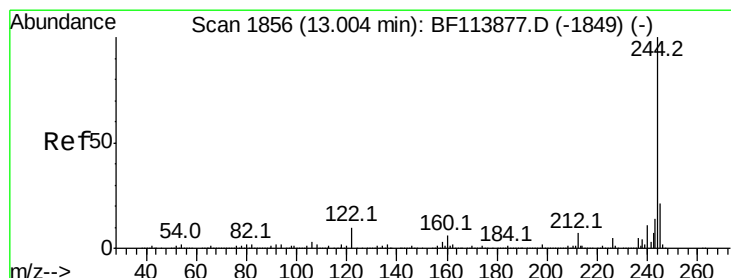
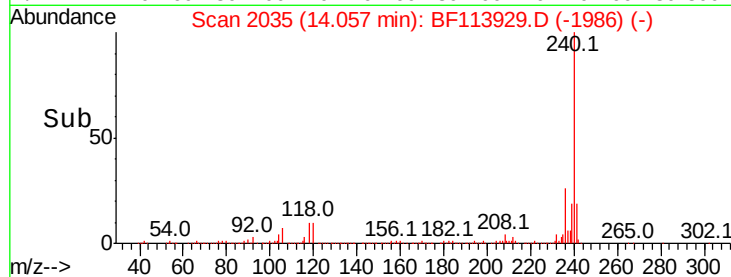
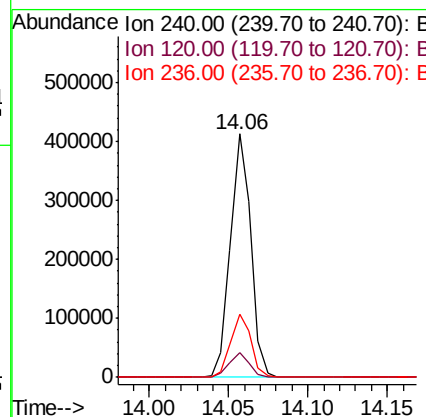
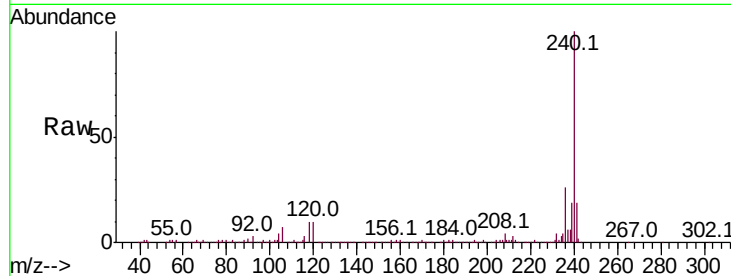




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BF113929.D
 Acq: 23 Apr 2019 19:12

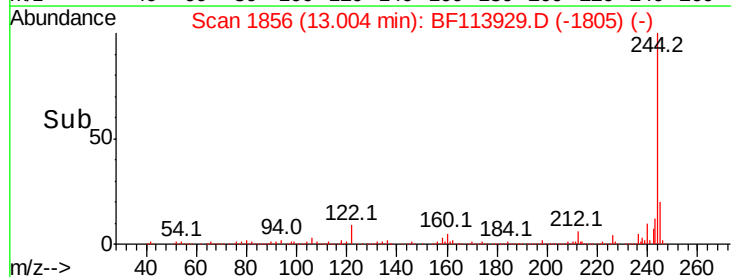
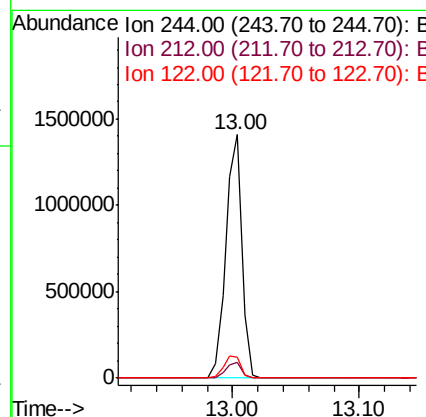
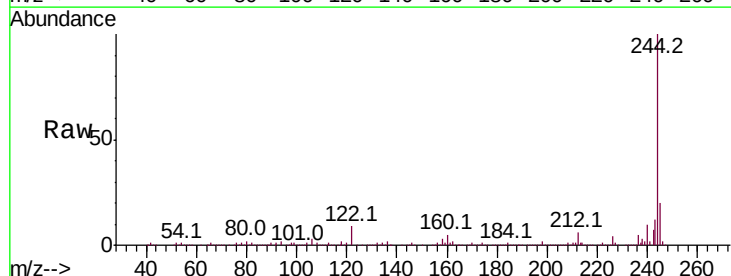
Instrument :
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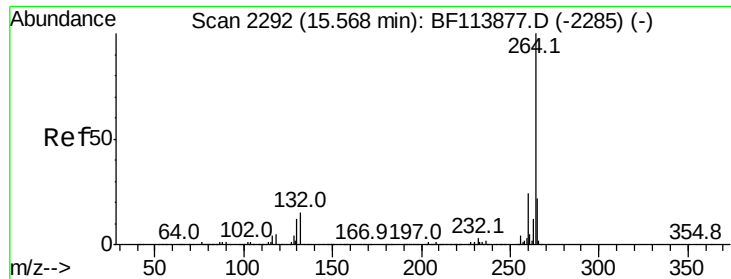
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.2	9.3	13.9
236	26.1	21.2	31.8



#79
 Terphenyl-d14
 Concen: 69.245 ng
 RT: 13.00 min Scan# 1856
 Delta R.T. 0.00 min
 Lab File: BF113929.D
 Acq: 23 Apr 2019 19:12

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.2
122	8.8	7.6	11.4

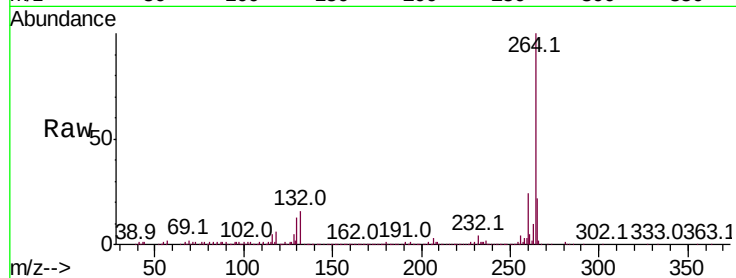




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.55 min Scan# 2289
 Delta R.T. -0.02 min
 Lab File: BF113929.D
 Acq: 23 Apr 2019 19:12

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.9	28.3
265	22.4	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

