

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112219\
 Data File : BF117931.D
 Acq On : 22 Nov 2019 21:20
 Operator : JU
 Sample : PB124907TB
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB124907TB

Quant Time: Nov 25 03:55:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 18:36:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	176241	20.00	ng	-0.02
21) Naphthalene-d8	8.19	136	704082	20.00	ng	-0.02
39) Acenaphthene-d10	9.95	164	394750	20.00	ng	-0.02
64) Phenanthrene-d10	11.45	188	803787	20.00	ng	-0.02
76) Chrysene-d12	14.09	240	621054	20.00	ng	-0.02
87) Perylene-d12	15.60	264	590623	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1290266	129.59	ng	0.00
7) Phenol-d6	6.53	99	1639645	136.53	ng	-0.01
23) Nitrobenzene-d5	7.47	82	1036236	87.49	ng	-0.02
42) 2,4,6-Tribromophenol	10.75	330	611887	146.41	ng	-0.02
45) 2-Fluorobiphenyl	9.27	172	2092256	95.09	ng	-0.02
79) Terphenyl-d14	13.04	244	2753150	81.02	ng	-0.02

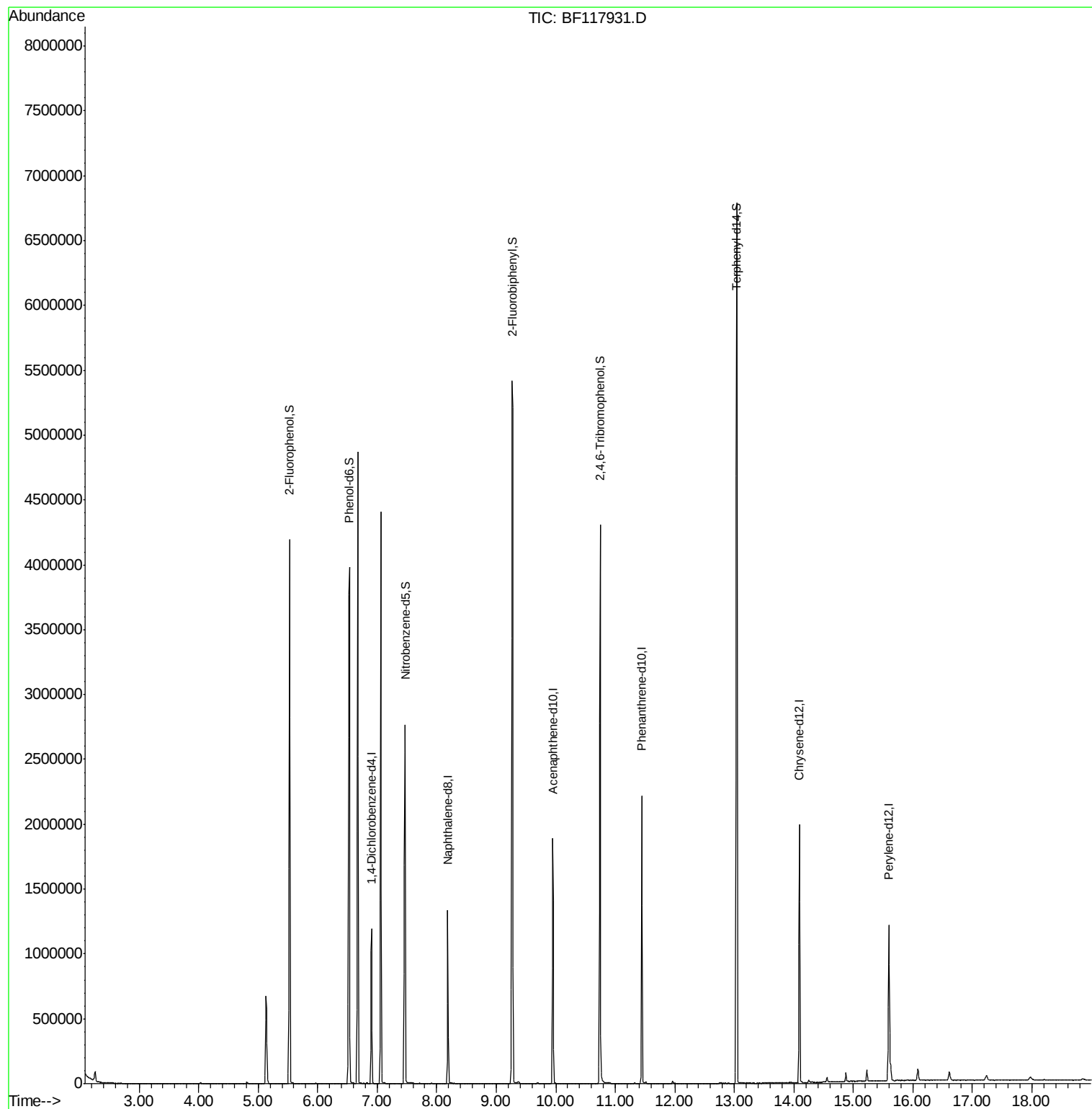
Target Compounds Qvalue

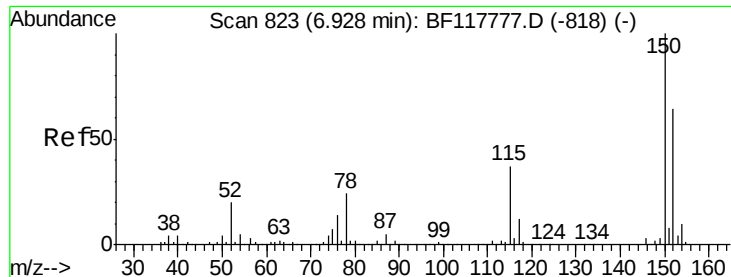
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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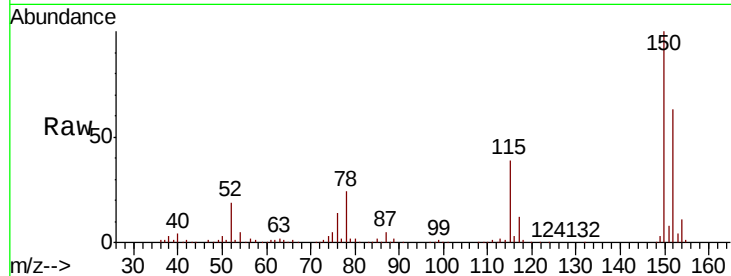


#1

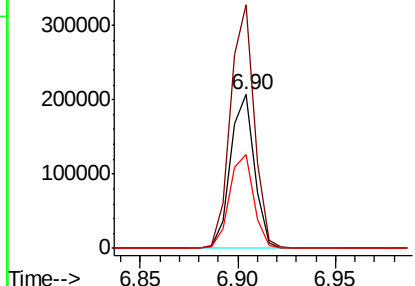
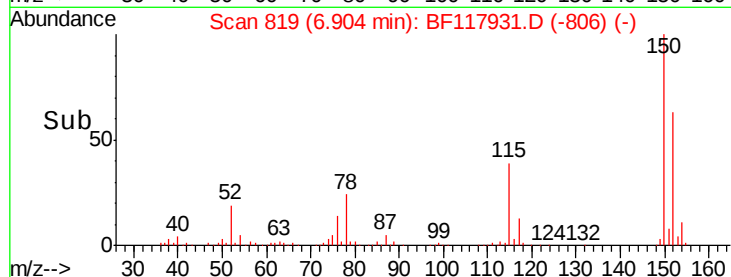
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.90 min Scan# 819
 Delta R.T. -0.02 min
 Lab File: BF117931.D
 Acq: 22 Nov 2019 21:20

Instrument :
 BNA_F
 ClientSampleId :
 PB124907TB

Tot Ion:152 Resp: 176241
 Ion Ratio Lower Upper
 152 100
 150 158.2 125.3 187.9
 115 61.0 47.0 70.4



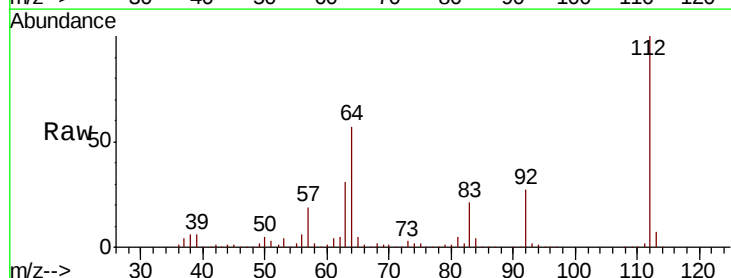
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



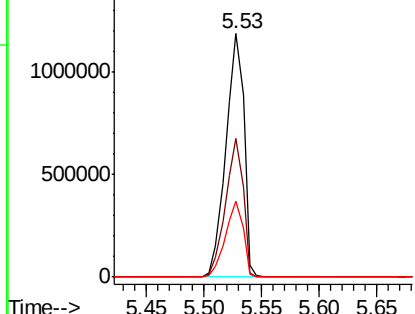
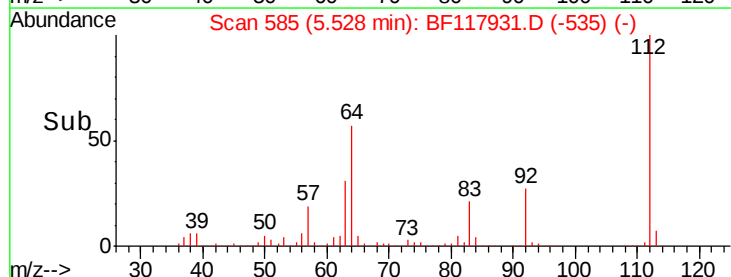
#5

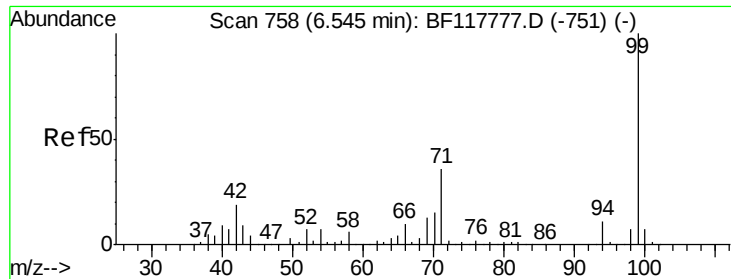
2-Fluorophenol
 Concen: 129.590 ng
 RT: 5.53 min Scan# 585
 Delta R.T. -0.01 min
 Lab File: BF117931.D
 Acq: 22 Nov 2019 21:20

Tgt Ion:112 Resp: 1290266
 Ion Ratio Lower Upper
 112 100
 64 57.1 45.6 68.4
 63 31.1 24.1 36.1



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: 136.533 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF117931.D

Acq: 22 Nov 2019 21:20

Instrument :

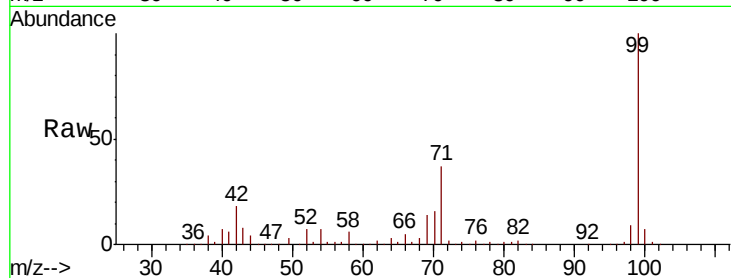
BNA_F

ClientSampleId :

PB124907TB

Tot Ion: 99 Resp: 1639645

Ion	Ratio	Lower	Upper
99	100		
42	17.9	14.9	22.3
71	37.2	28.6	43.0

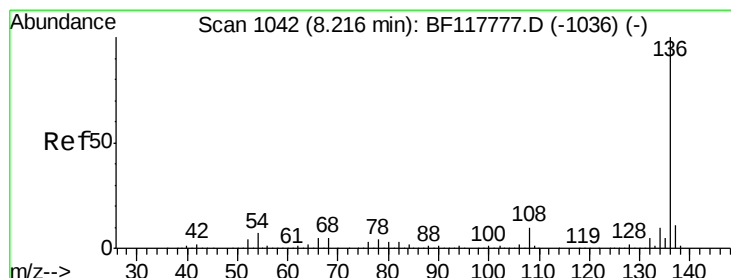
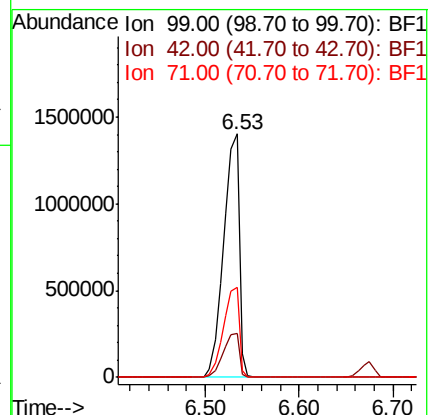
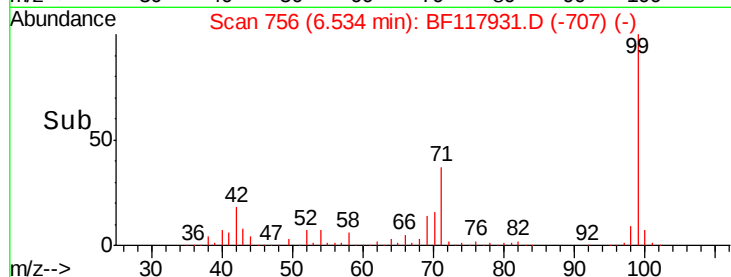


Abundance

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: 8.19 min Scan# 1038

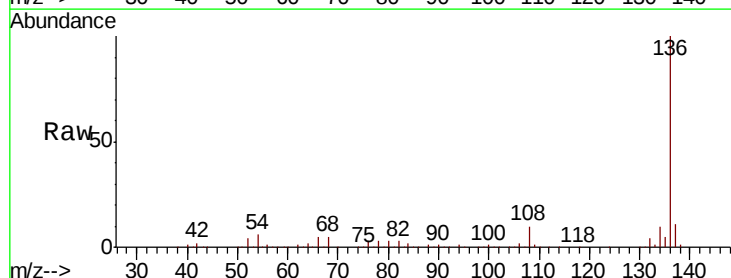
Delta R.T. -0.02 min

Lab File: BF117931.D

Acq: 22 Nov 2019 21:20

Tgt Ion: 136 Resp: 704082

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.4
54	6.3	5.4	8.2
68	4.7	4.3	6.5



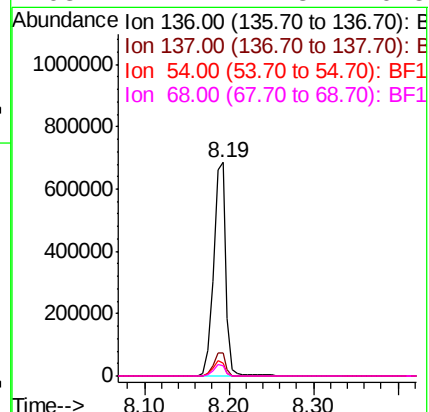
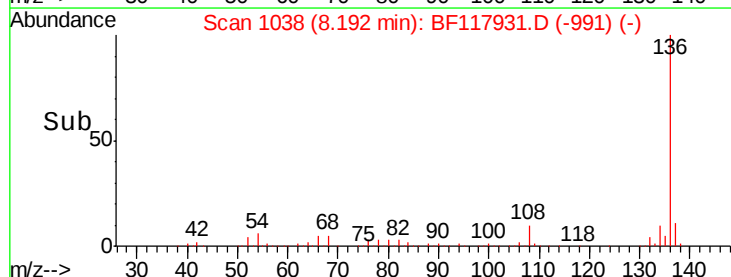
Abundance

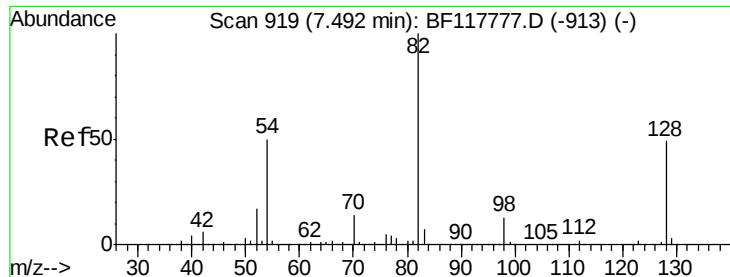
Ion 136.00 (135.70 to 136.70): E

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

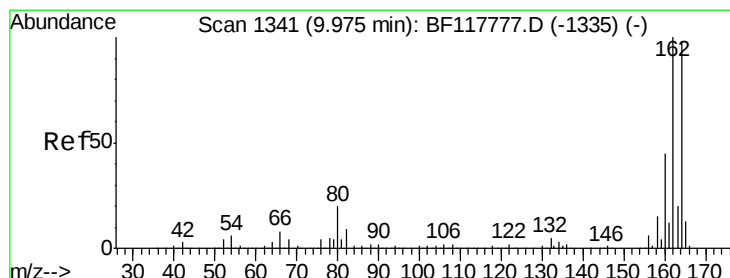
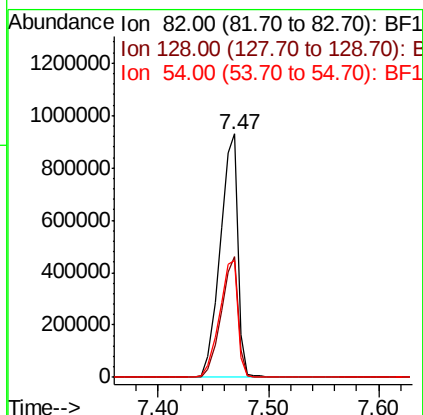
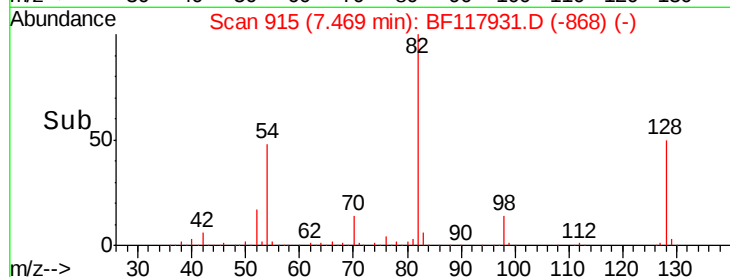
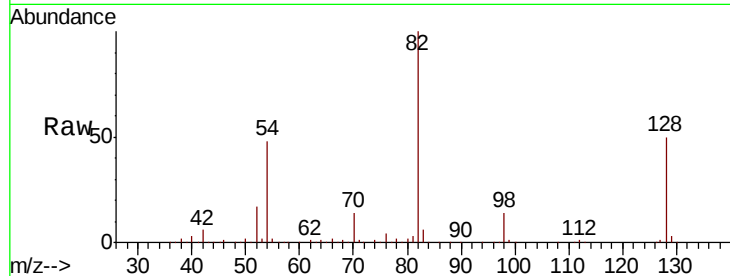




#23
Nitrobenzene-d5
Concen: 87.490 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.02 min
Lab File: BF117931.D
Acq: 22 Nov 2019 21:20

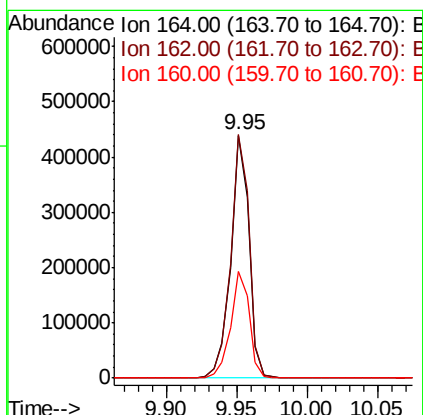
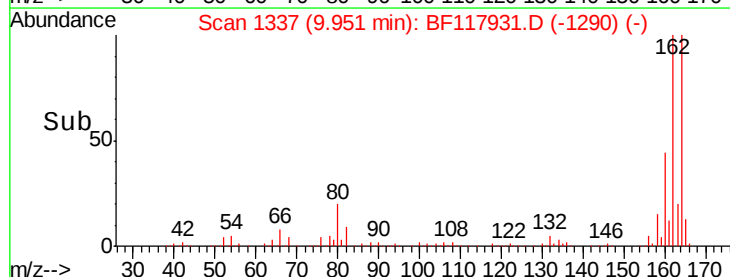
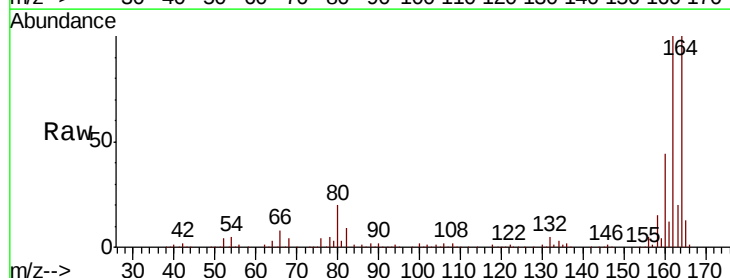
Instrument :
BNA_F
ClientSampleId :
PB124907TB

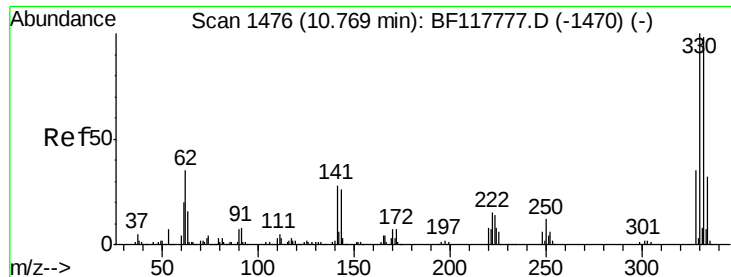
Tot Ion: 82 Resp: 1036236
Ion Ratio Lower Upper
82 100
128 49.6 38.9 58.3
54 48.2 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.02 min
Lab File: BF117931.D
Acq: 22 Nov 2019 21:20

Tgt Ion: 164 Resp: 394750
Ion Ratio Lower Upper
164 100
162 100.3 81.3 121.9
160 44.2 36.6 55.0





#42

2,4,6-Tribromophenol

Concen: 146.413 ng

RT: 10.75 min Scan# 1472

Delta R.T. -0.02 min

Lab File: BF117931.D

Acq: 22 Nov 2019 21:20

Instrument :

BNA_F

ClientSampleId :

PB124907TB

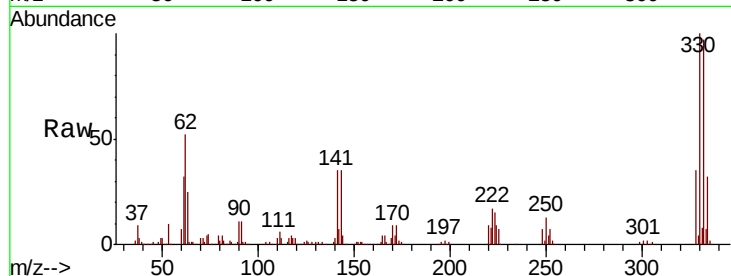
Tot Ion:330 Resp: 611887

Ion Ratio Lower Upper

330 100

332 96.6 76.7 115.1

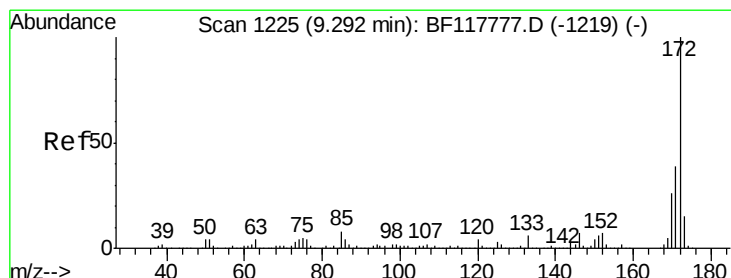
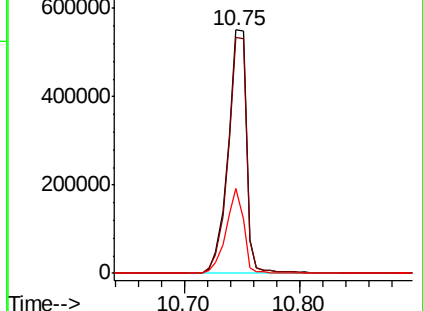
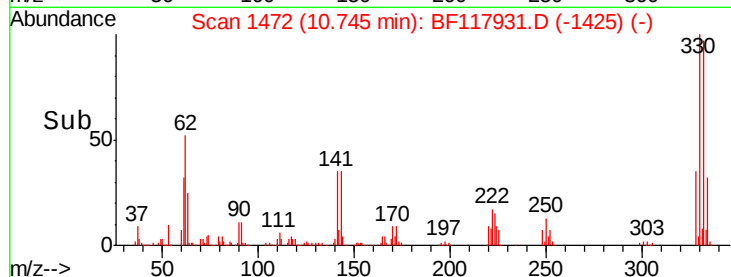
141 33.1 27.7 41.5



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: 95.088 ng

RT: 9.27 min Scan# 1222

Delta R.T. -0.02 min

Lab File: BF117931.D

Acq: 22 Nov 2019 21:20

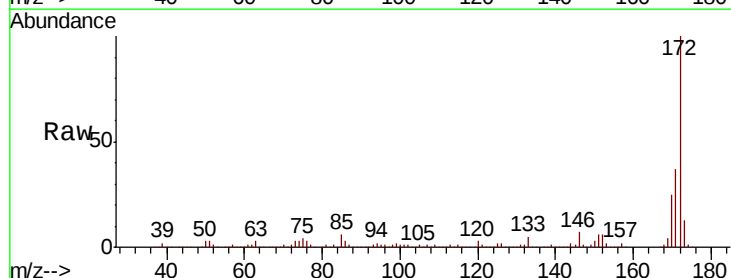
Tgt Ion:172 Resp: 2092256

Ion Ratio Lower Upper

172 100

171 37.4 30.9 46.3

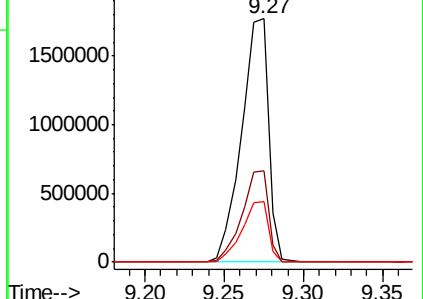
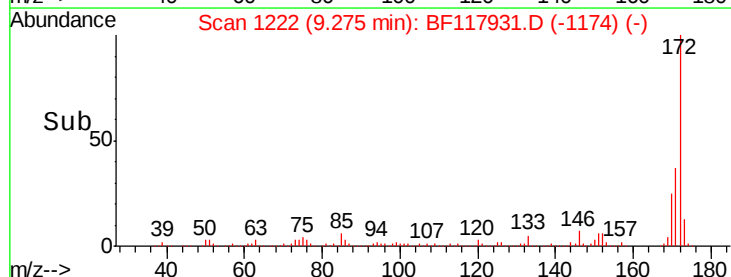
170 24.8 21.0 31.4

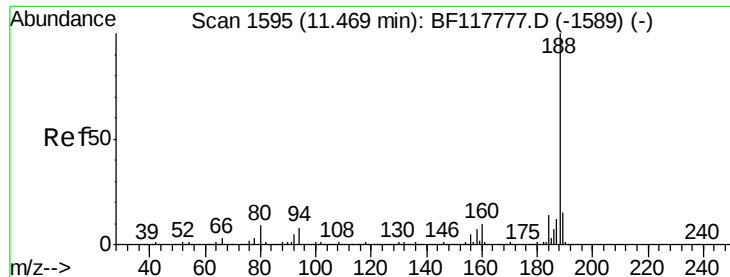


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

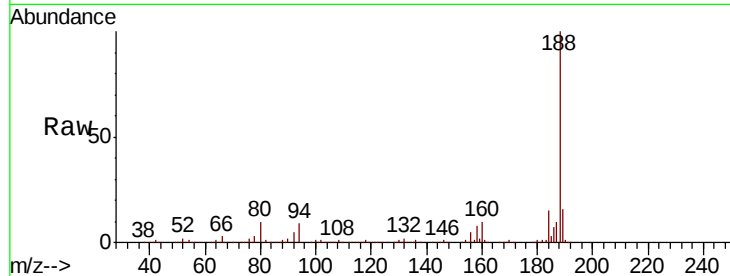




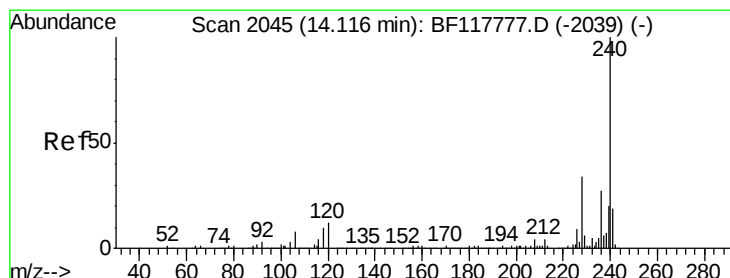
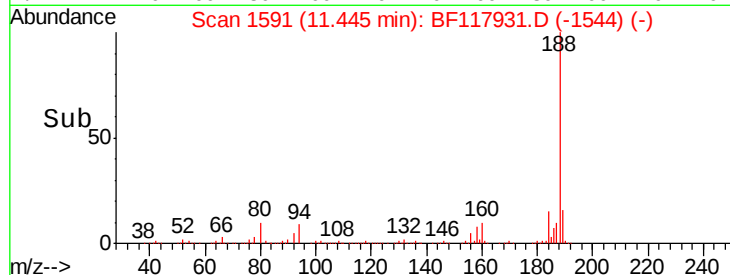
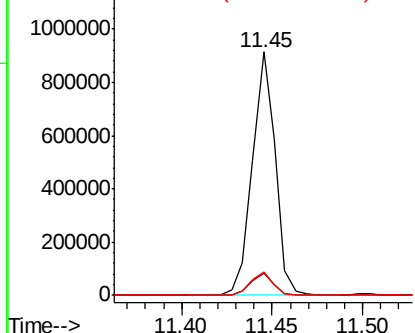
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.45 min Scan# 1591
Delta R.T. -0.02 min
Lab File: BF117931.D
Acq: 22 Nov 2019 21:20

Instrument :
BNA_F
ClientSampleId :
PB124907TB

Tot Ion:188 Resp: 803787
Ion Ratio Lower Upper
188 100
94 9.0 6.6 10.0
80 9.8 7.2 10.8

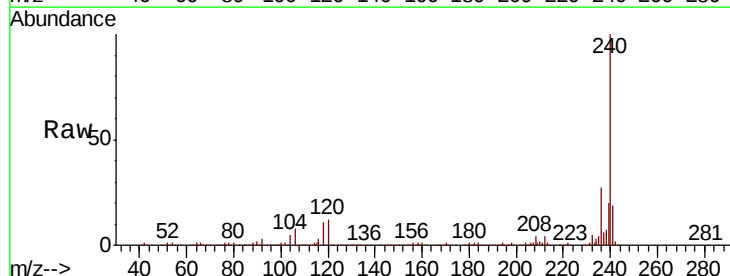


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

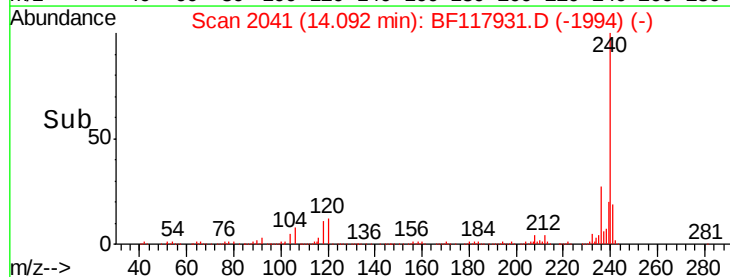
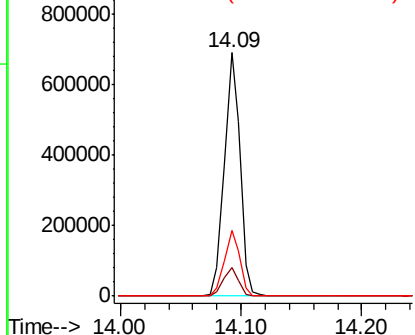


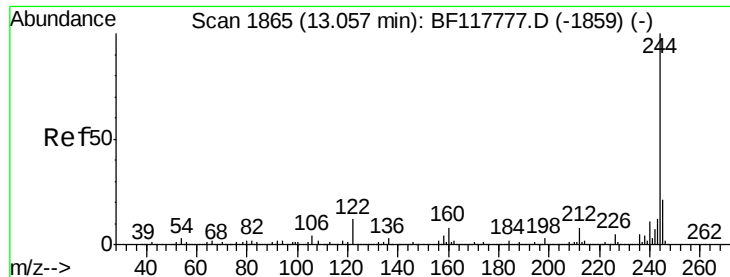
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.09 min Scan# 2041
Delta R.T. -0.02 min
Lab File: BF117931.D
Acq: 22 Nov 2019 21:20

Tgt Ion:240 Resp: 621054
Ion Ratio Lower Upper
240 100
120 11.6 9.5 14.3
236 27.0 21.3 31.9



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: 81.018 ng

RT: 13.04 min Scan# 1862

Delta R.T. -0.02 min

Lab File: BF117931.D

Acq: 22 Nov 2019 21:20

Instrument :

BNA_F

ClientSampleId :

PB124907TB

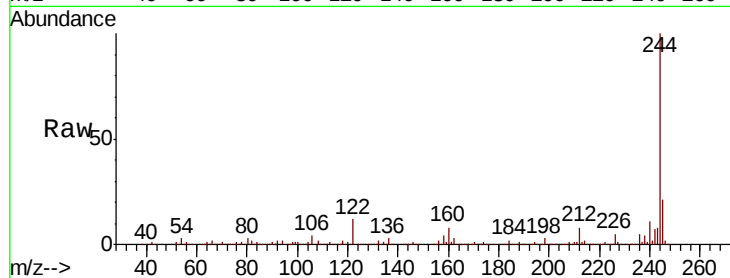
Tot Ion:244 Resp: 2753150

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.3	9.5
122	11.9	9.4	14.2

244 100

212 7.6 6.3 9.5

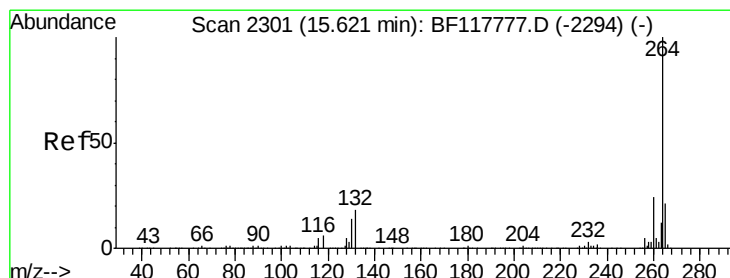
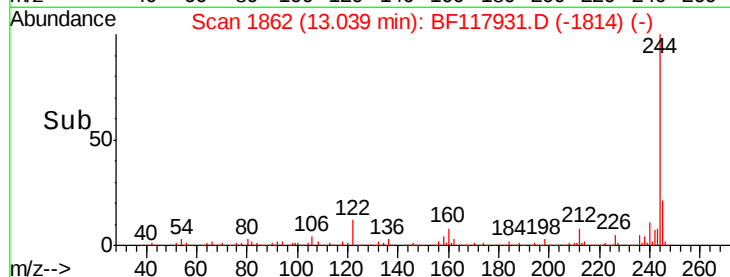
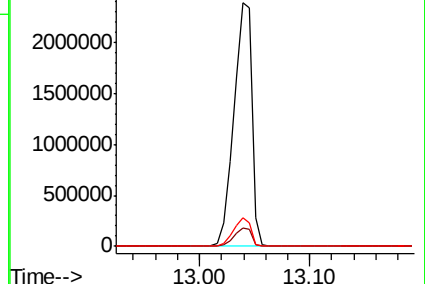
122 11.9 9.4 14.2



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: 15.60 min Scan# 2297

Delta R.T. -0.02 min

Lab File: BF117931.D

Acq: 22 Nov 2019 21:20

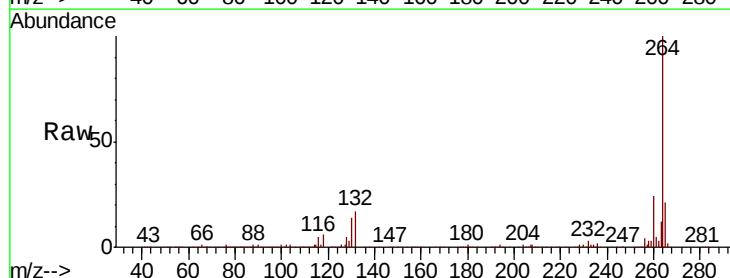
Tgt Ion:264 Resp: 590623

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.0
265	21.4	17.1	25.7

264 100

260 24.5 19.4 29.0

265 21.4 17.1 25.7



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

