

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112219\
 Data File : BF117948.D
 Acq On : 23 Nov 2019 5:01
 Operator : JU
 Sample : K5840-09 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PHIPPS-BH-SE-01

Quant Time: Nov 23 06:04:13 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	195496	20.00	ng	-0.02
21) Naphthalene-d8	8.19	136	750058	20.00	ng	-0.02
39) Acenaphthene-d10	9.96	164	345076	20.00	ng	-0.02
64) Phenanthrene-d10	11.45	188	530918	20.00	ng	-0.02
76) Chrysene-d12	14.09	240	377224	20.00	ng	-0.02
87) Perylene-d12	15.60	264	350927	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	198543	17.98	ng	-0.03
7) Phenol-d6	6.52	99	245731	18.45	ng	-0.03
23) Nitrobenzene-d5	7.46	82	134514	10.66	ng	-0.03
42) 2,4,6-Tribromophenol	10.75	330	52597	14.40	ng	-0.02
45) 2-Fluorobiphenyl	9.27	172	308829	16.06	ng	-0.02
79) Terphenyl-d14	13.03	244	238362	11.55	ng	-0.02

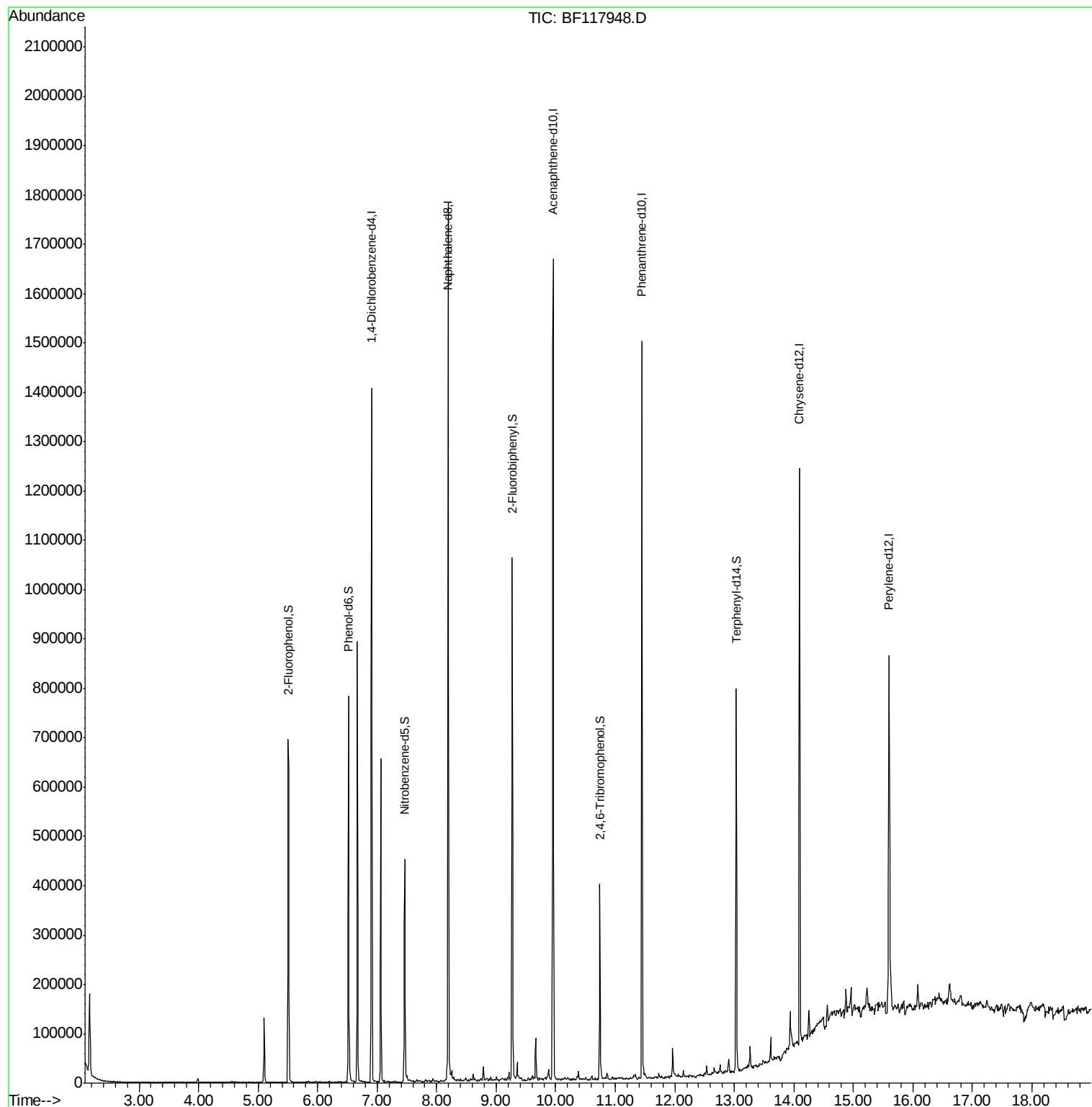
Target Compounds Qvalue

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

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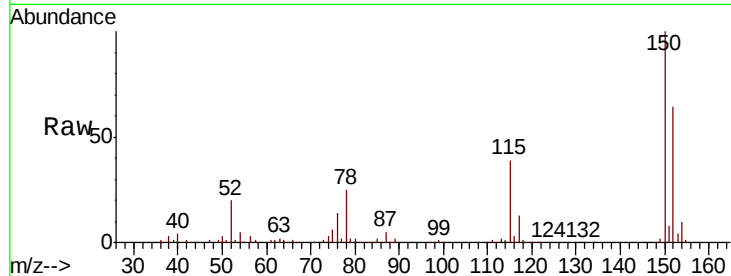


#1

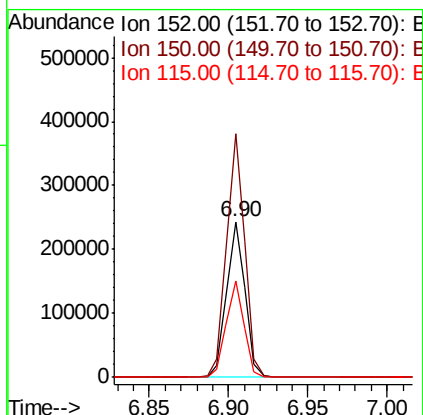
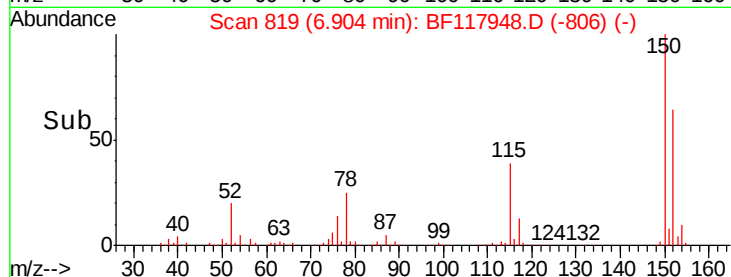
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.02 min
Lab File: BF117948.D
Acq: 23 Nov 2019 5:01

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BNA_F
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PHIPPS-BH-SE-01

Tot Ion:152 Resp: 195496
Ion Ratio Lower Upper
152 100
150 156.6 125.3 187.9
115 61.8 47.0 70.4



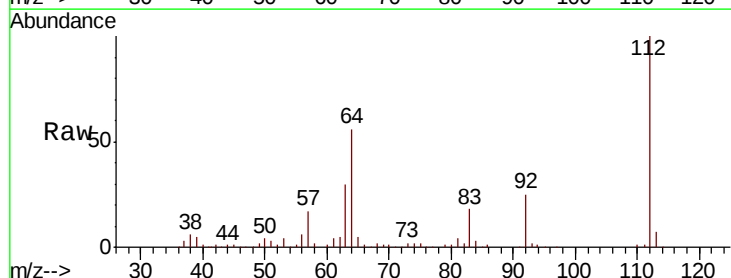
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



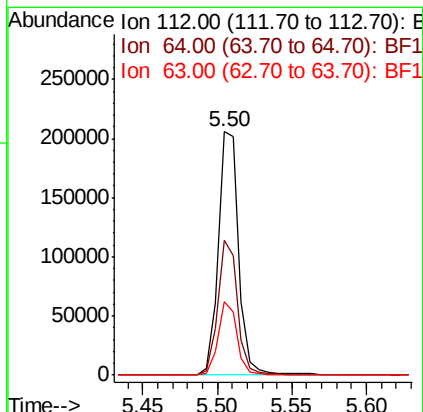
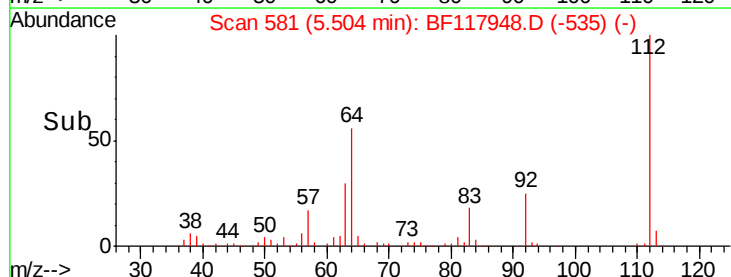
#5

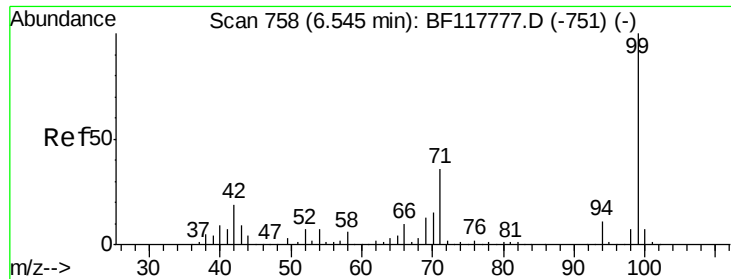
2-Fluorophenol
Concen: 17.977 ng
RT: 5.50 min Scan# 581
Delta R.T. -0.03 min
Lab File: BF117948.D
Acq: 23 Nov 2019 5:01

Tgt Ion:112 Resp: 198543
Ion Ratio Lower Upper
112 100
64 55.6 45.6 68.4
63 29.9 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: 18.447 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.03 min

Lab File: BF117948.D

Acq: 23 Nov 2019 5:01

Instrument :

BNA_F

ClientSampleId :

PHIPPS-BH-SE-01

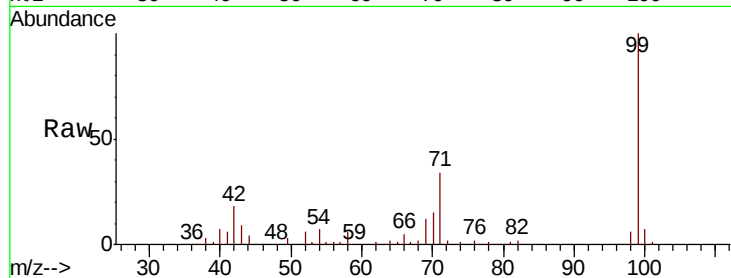
Tot Ion: 99 Resp: 245731

Ion Ratio Lower Upper

99 100

42 18.0 14.9 22.3

71 33.6 28.6 43.0

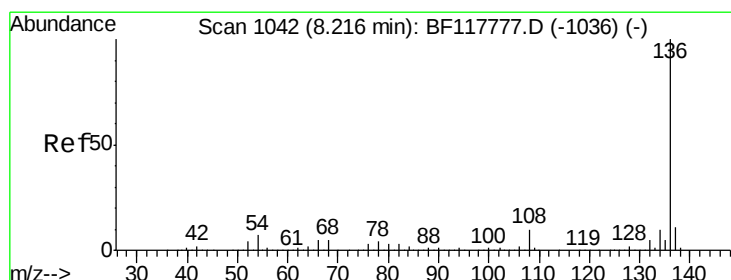
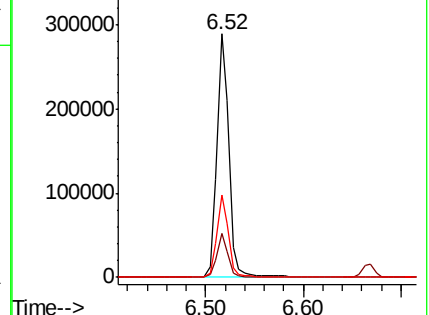
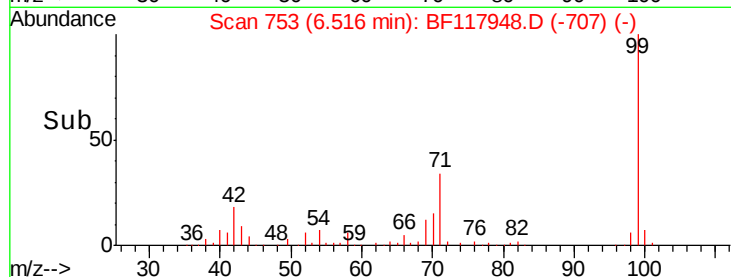


Abundance

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: BF117948.D

Acq: 23 Nov 2019 5:01

Tgt Ion: 136 Resp: 750058

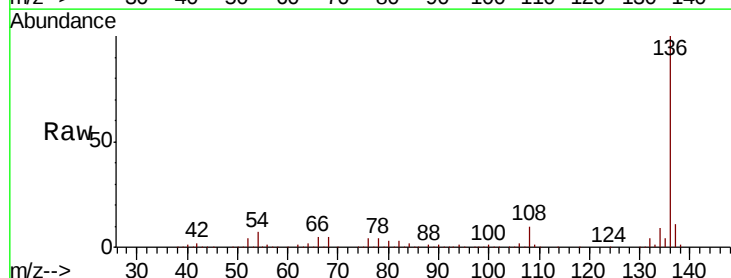
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.4

54 7.0 5.4 8.2

68 5.3 4.3 6.5



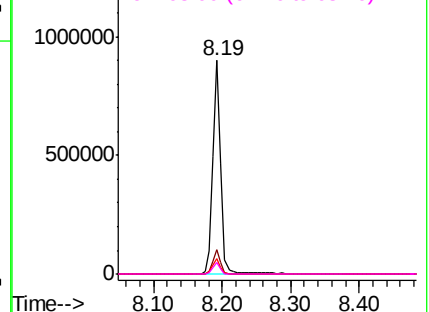
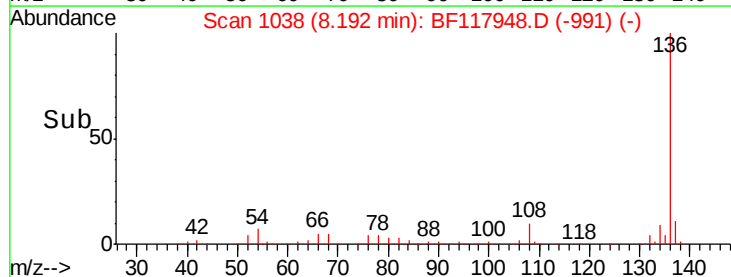
Abundance

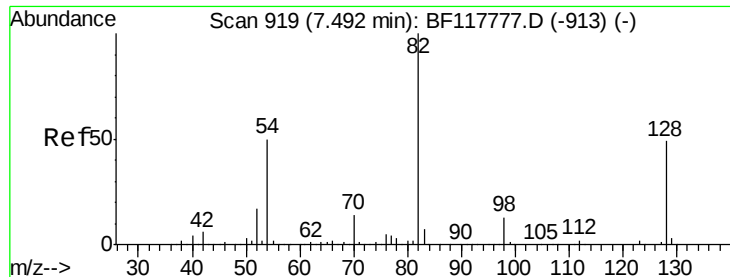
Ion 136.00 (135.70 to 136.70): E

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

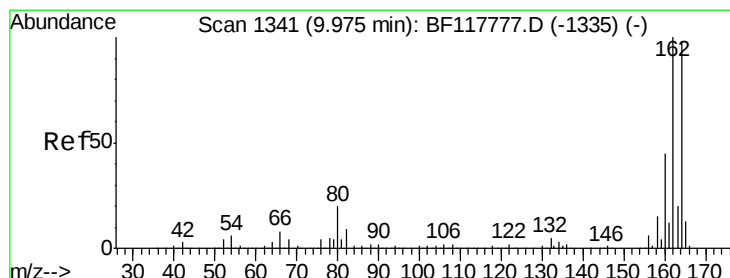
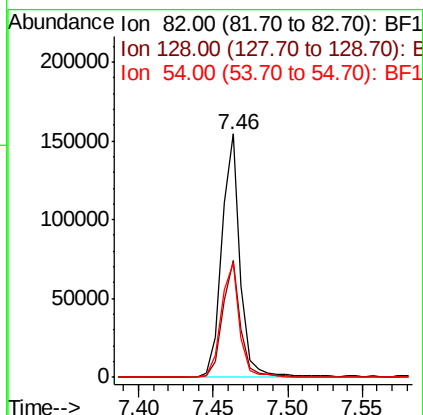
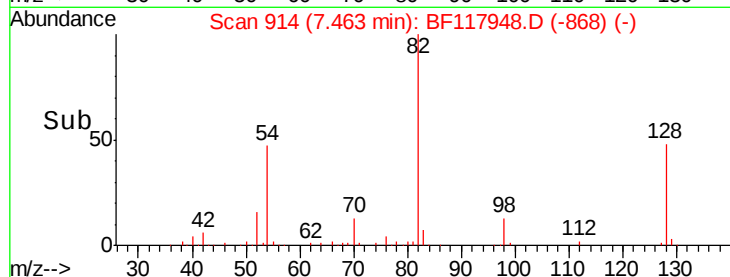
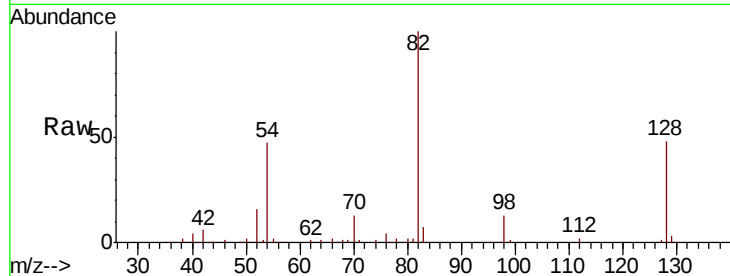




#23
Nitrobenzene-d5
Concen: 10.661 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.03 min
Lab File: BF117948.D
Acq: 23 Nov 2019 5:01

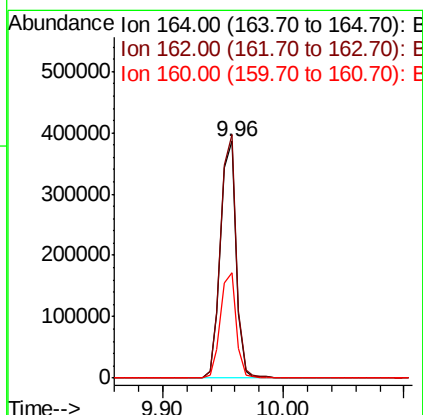
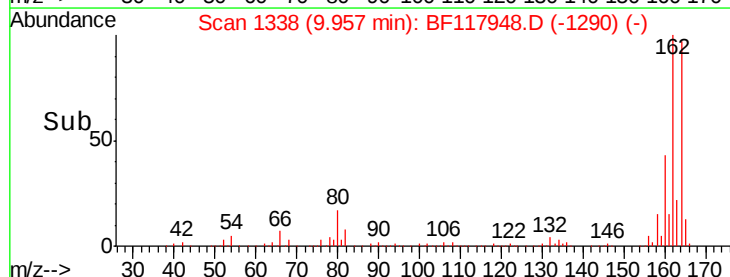
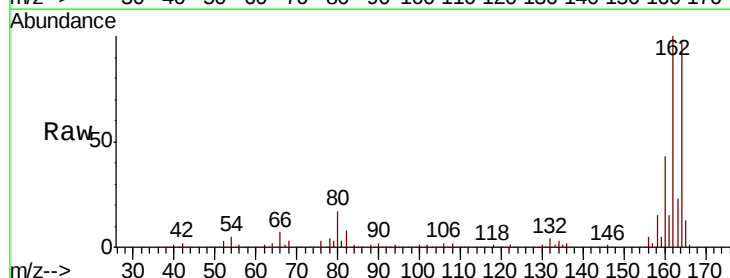
Instrument :
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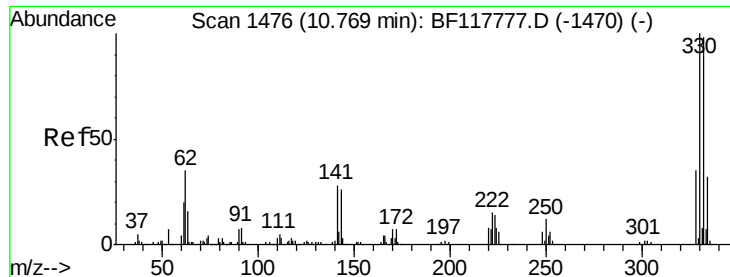
Tot Ion: 82 Resp: 134514
Ion Ratio Lower Upper
82 100
128 48.0 38.9 58.3
54 46.9 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.02 min
Lab File: BF117948.D
Acq: 23 Nov 2019 5:01

Tgt Ion:164 Resp: 345076
Ion Ratio Lower Upper
164 100
162 102.9 81.3 121.9
160 44.4 36.6 55.0





#42

2,4,6-Tribromophenol

Concen: 14.397 ng

RT: 10.75 min Scan# 1472

Delta R.T. -0.02 min

Lab File: BF117948.D

Acq: 23 Nov 2019 5:01

Instrument :

BNA_F

ClientSampleId :

PHIPPS-BH-SE-01

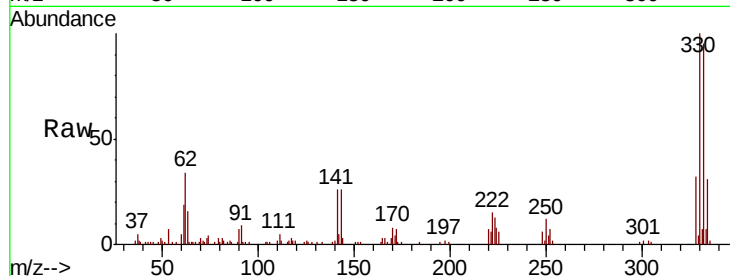
Tot Ion:330 Resp: 52597

Ion Ratio Lower Upper

330 100

332 96.1 76.7 115.1

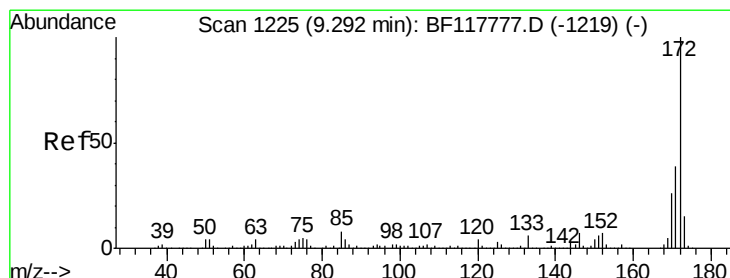
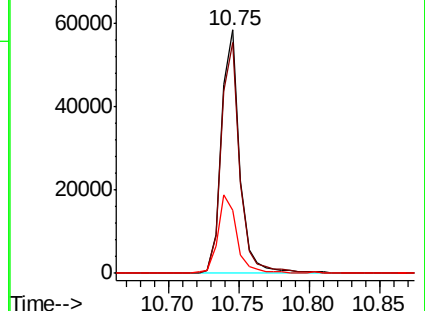
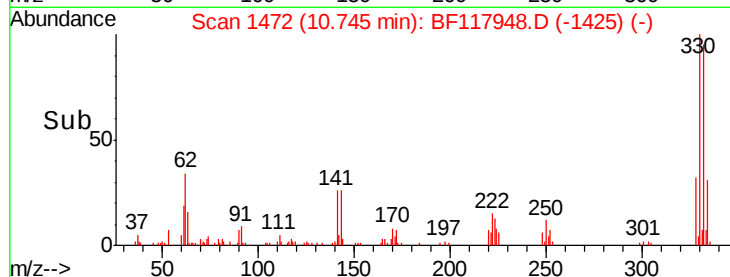
141 33.5 27.7 41.5



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: 16.056 ng

RT: 9.27 min Scan# 1221

Delta R.T. -0.02 min

Lab File: BF117948.D

Acq: 23 Nov 2019 5:01

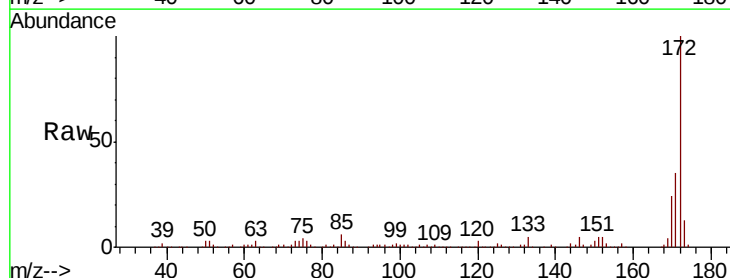
Tgt Ion:172 Resp: 308829

Ion Ratio Lower Upper

172 100

171 35.2 30.9 46.3

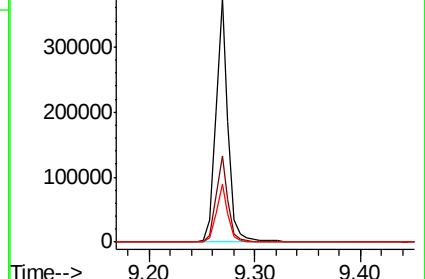
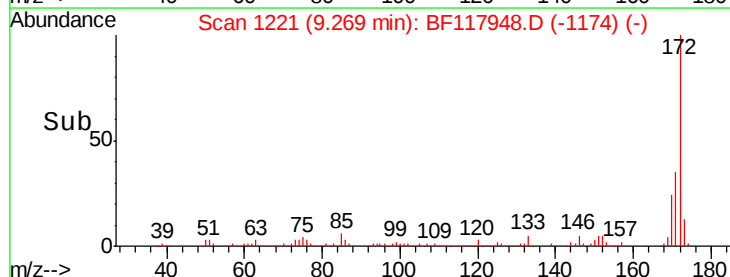
170 23.7 21.0 31.4

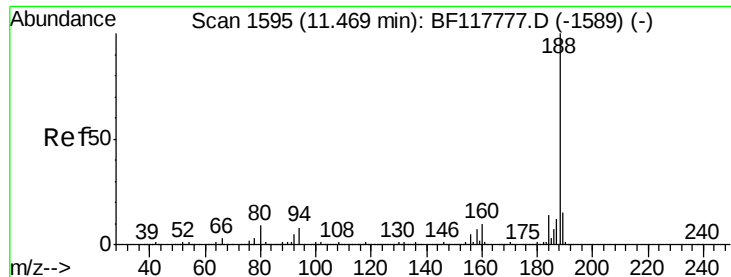


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

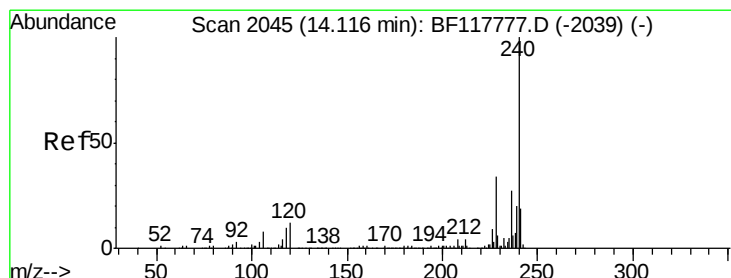
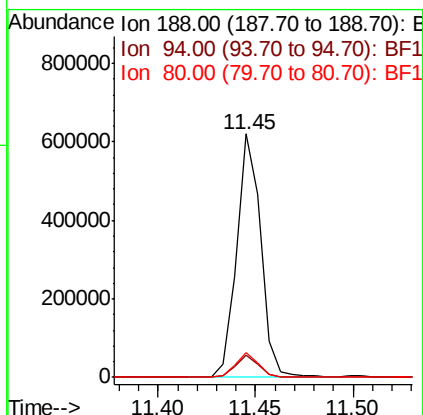
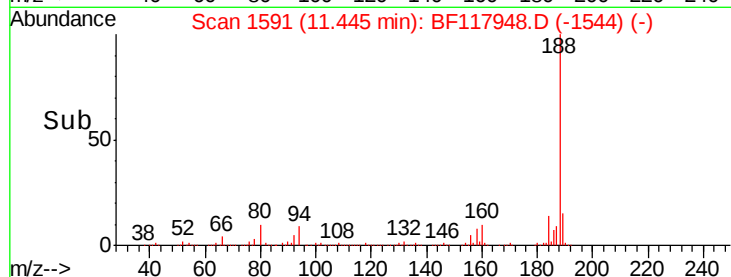
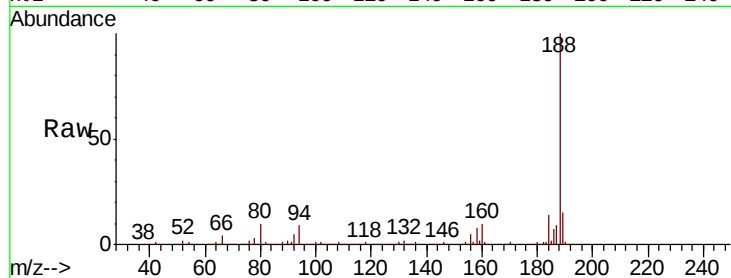




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.45 min Scan# 1591
Delta R.T. -0.02 min
Lab File: BF117948.D
Acq: 23 Nov 2019 5:01

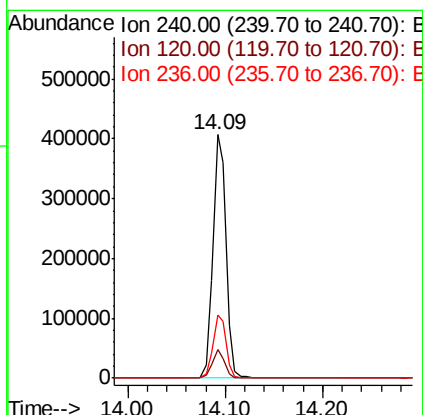
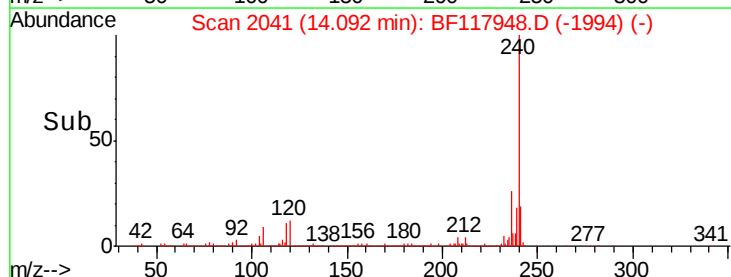
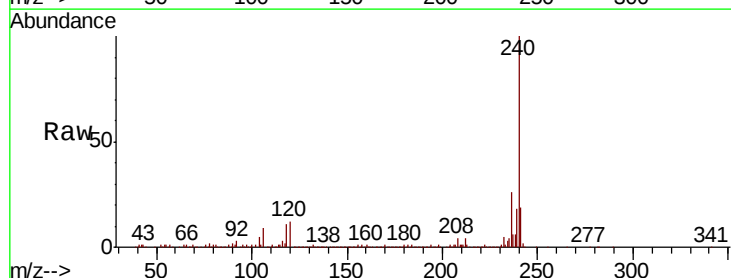
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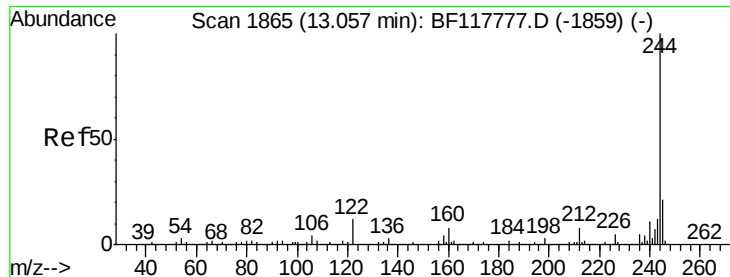
Tot Ion:188 Resp: 530918
Ion Ratio Lower Upper
188 100
94 9.3 6.6 10.0
80 10.0 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.09 min Scan# 2041
Delta R.T. -0.02 min
Lab File: BF117948.D
Acq: 23 Nov 2019 5:01

Tgt Ion:240 Resp: 377224
Ion Ratio Lower Upper
240 100
120 12.0 9.5 14.3
236 25.8 21.3 31.9

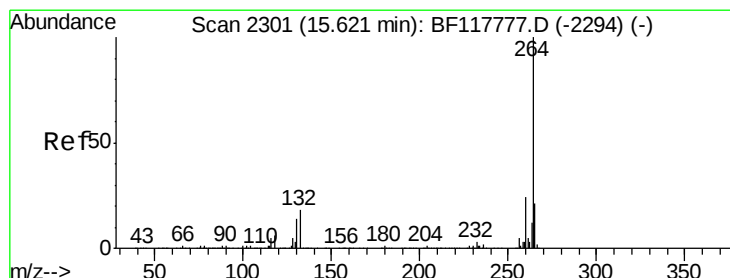
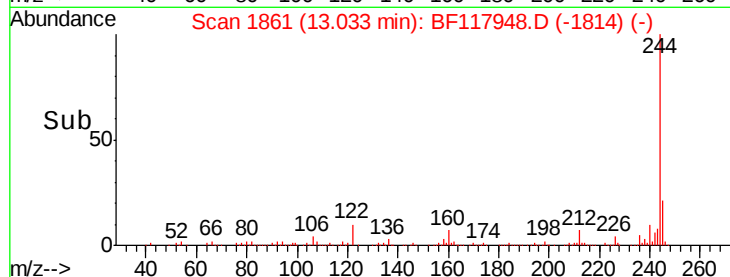
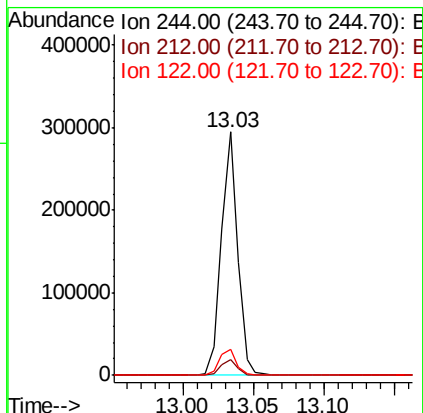
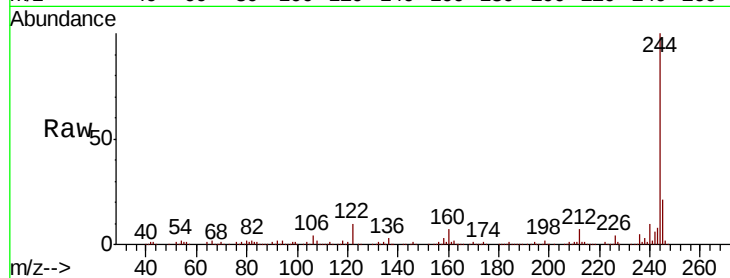




#79
 Terphenyl-d14
 Concen: 11.548 ng
 RT: 13.03 min Scan# 1861
 Delta R.T. -0.02 min
 Lab File: BF117948.D
 Acq: 23 Nov 2019 5:01

Instrument :
 BNA_F
 ClientSampleId :
 PHIPPS-BH-SE-01

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.3	9.5
122	10.4	9.4	14.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.60 min Scan# 2297
 Delta R.T. -0.02 min
 Lab File: BF117948.D
 Acq: 23 Nov 2019 5:01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.0
265	22.0	17.1	25.7

