

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112319\
 Data File : BF117966.D
 Acq On : 23 Nov 2019 19:36
 Operator : JU
 Sample : K5676-30
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-112019

Quant Time: Nov 25 08:41:08 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	120949	20.00	ng	-0.02
21) Naphthalene-d8	8.19	136	582885	20.00	ng	-0.03
39) Acenaphthene-d10	9.95	164	309880	20.00	ng	-0.02
64) Phenanthrene-d10	11.45	188	592399	20.00	ng	-0.02
76) Chrysene-d12	14.09	240	393292	20.00	ng	-0.02
87) Perylene-d12	15.60	264	377511	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1065938	156.00	ng	0.00
7) Phenol-d6	6.53	99	1214358	147.35	ng	-0.01
23) Nitrobenzene-d5	7.47	82	837944	85.46	ng	-0.02
42) 2,4,6-Tribromophenol	10.75	330	442210	134.79	ng	-0.02
45) 2-Fluorobiphenyl	9.27	172	1472481	85.25	ng	-0.02
79) Terphenyl-d14	13.04	244	2188759	101.71	ng	-0.02

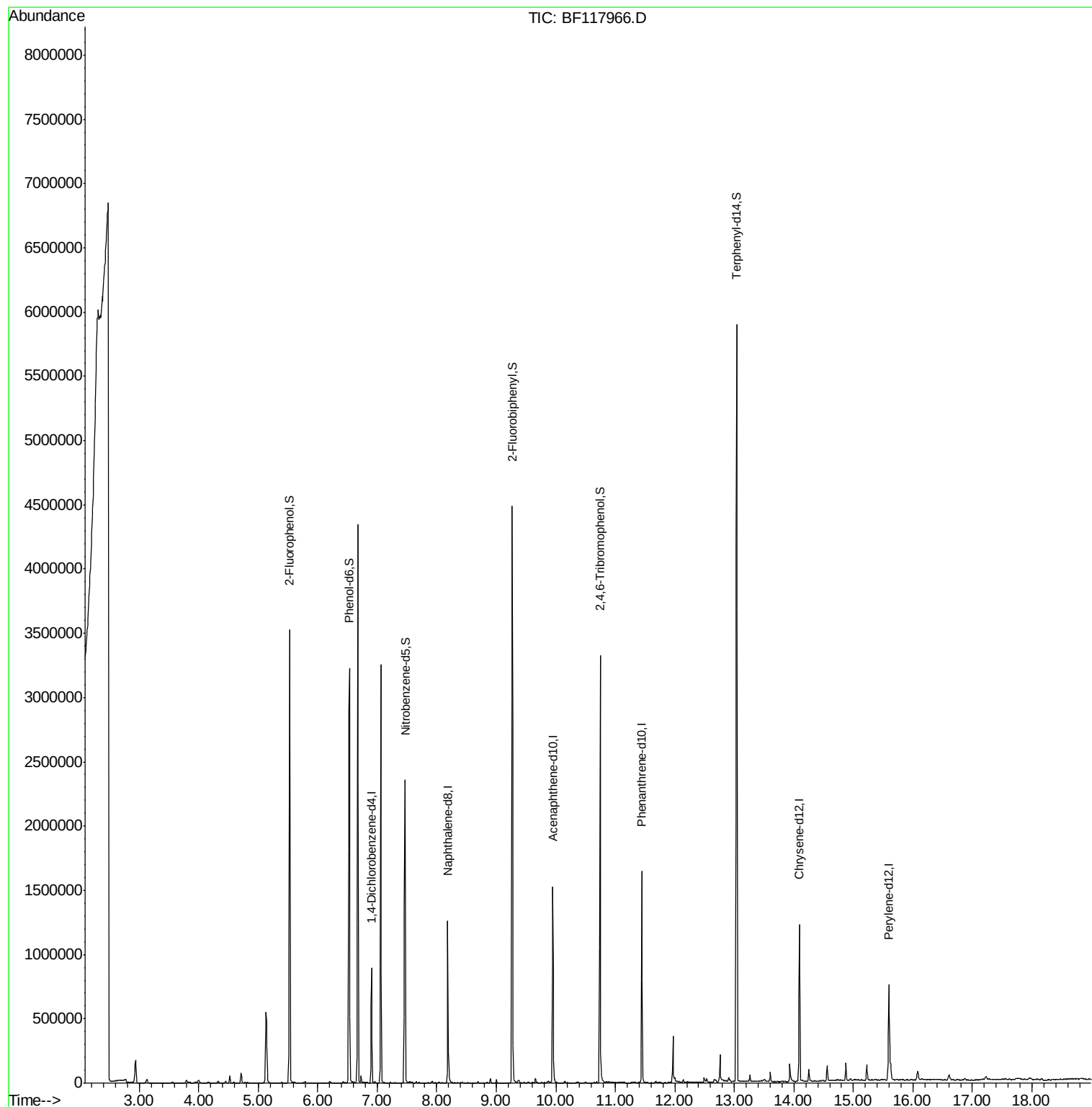
Target Compounds Qvalue

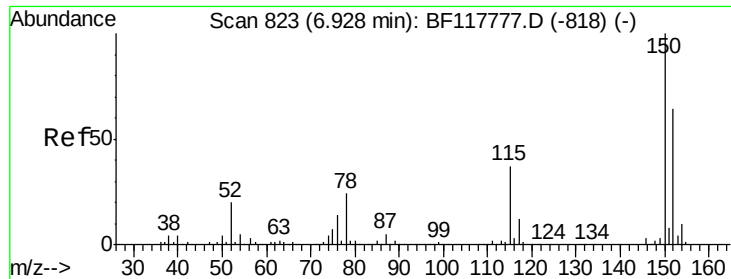
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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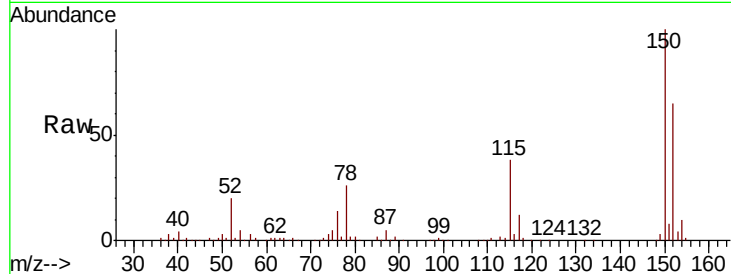


#1

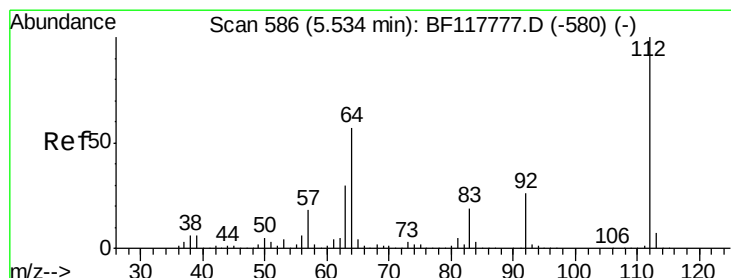
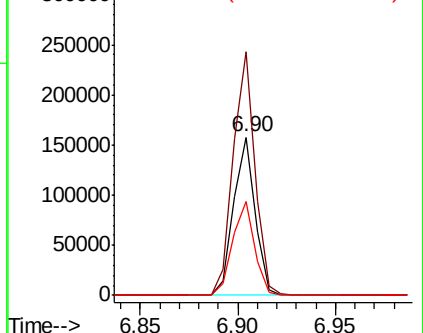
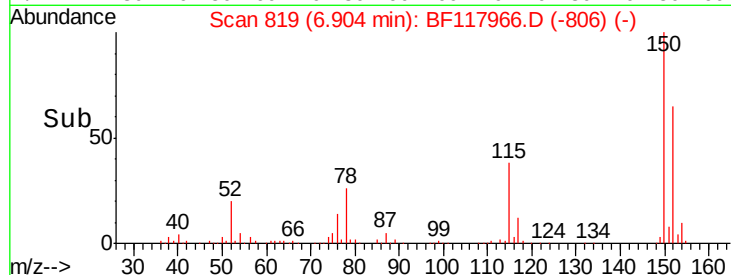
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.90 min Scan# 819
 Delta R.T. -0.02 min
 Lab File: BF117966.D
 Acq: 23 Nov 2019 19:36

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-112019

Tot Ion:152 Resp: 120949
 Ion Ratio Lower Upper
 152 100
 150 154.0 125.3 187.9
 115 59.0 47.0 70.4



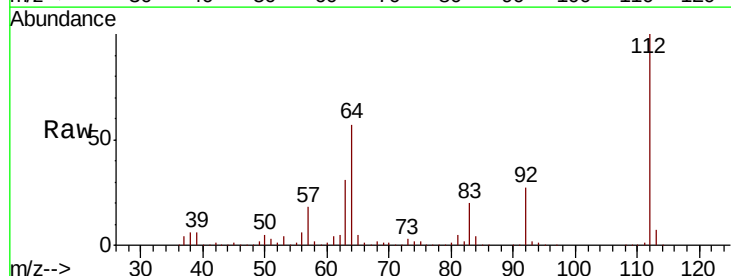
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



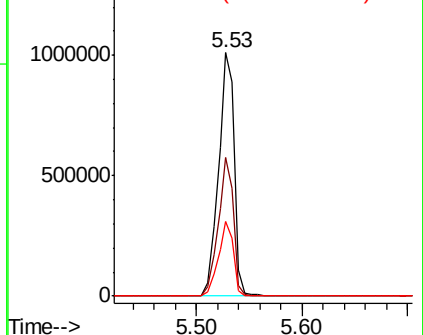
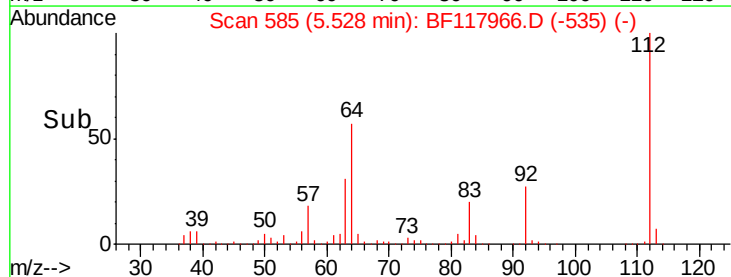
#5

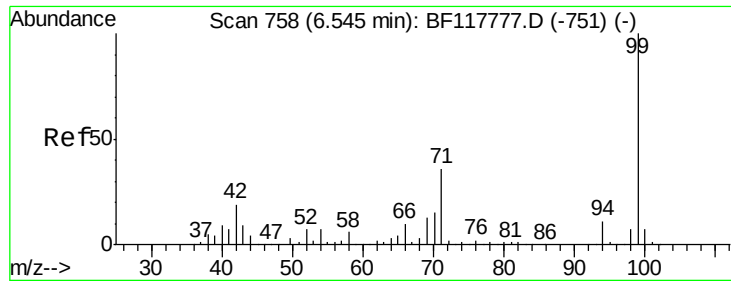
2-Fluorophenol
 Concen: 156.002 ng
 RT: 5.53 min Scan# 585
 Delta R.T. -0.01 min
 Lab File: BF117966.D
 Acq: 23 Nov 2019 19:36

Tgt Ion:112 Resp: 1065938
 Ion Ratio Lower Upper
 112 100
 64 57.2 45.6 68.4
 63 30.6 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: 147.346 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF117966.D

Acq: 23 Nov 2019 19:36

Instrument :

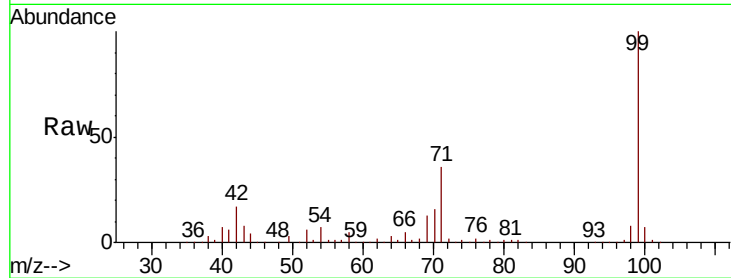
BNA_F

ClientSampleId :

SU-03-112019

Tot Ion: 99 Resp: 1214358

Ion	Ratio	Lower	Upper
99	100		
42	17.1	14.9	22.3
71	35.7	28.6	43.0

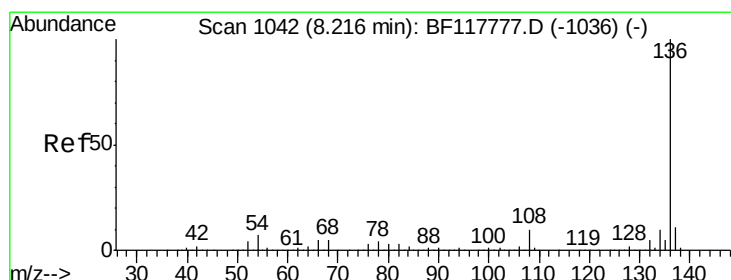
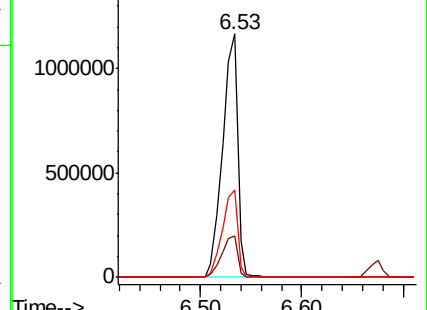
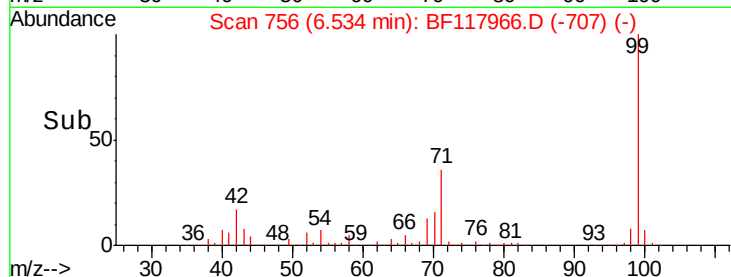


Abundance

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# 1037

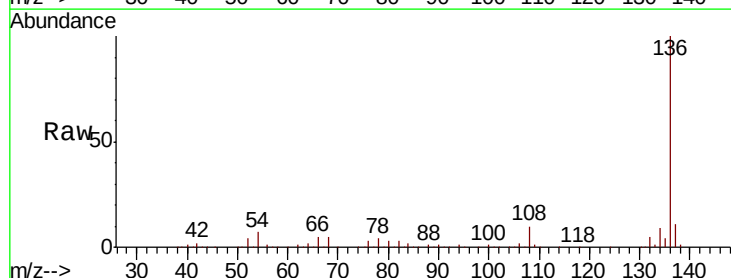
Delta R.T. -0.03 min

Lab File: BF117966.D

Acq: 23 Nov 2019 19:36

Tgt Ion: 136 Resp: 582885

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	6.9	5.4	8.2
68	5.4	4.3	6.5



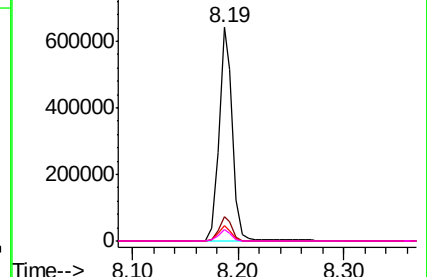
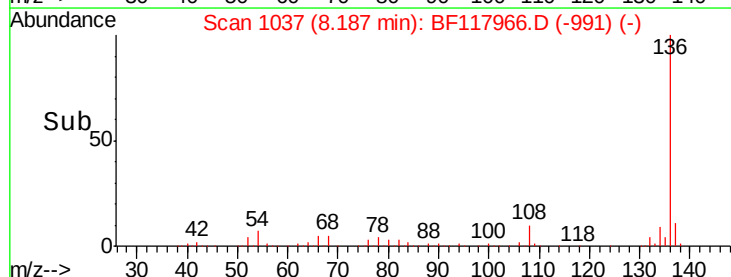
Abundance

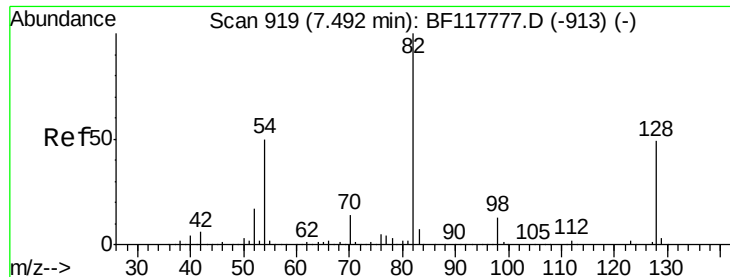
Ion 136.00 (135.70 to 136.70): E

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

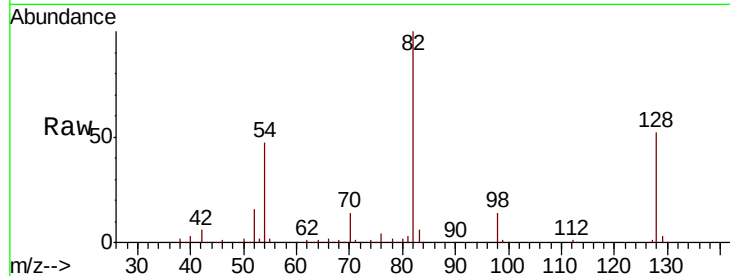




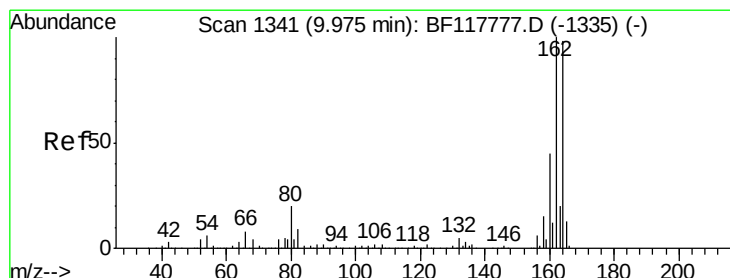
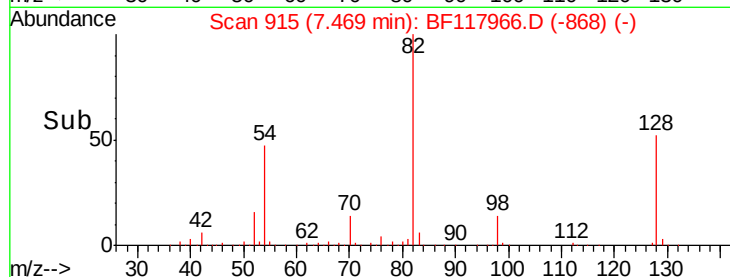
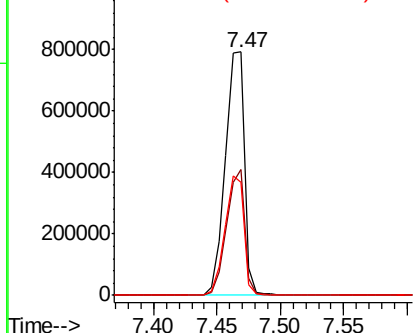
#23
Nitrobenzene-d5
Concen: 85.458 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.02 min
Lab File: BF117966.D
Acq: 23 Nov 2019 19:36

Instrument :
BNA_F
ClientSampleId :
SU-03-112019

Tot Ion: 82 Resp: 837944
Ion Ratio Lower Upper
82 100
128 51.7 38.9 58.3
54 46.7 39.8 59.6

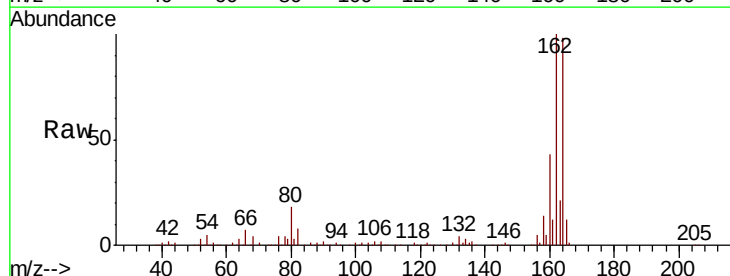


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

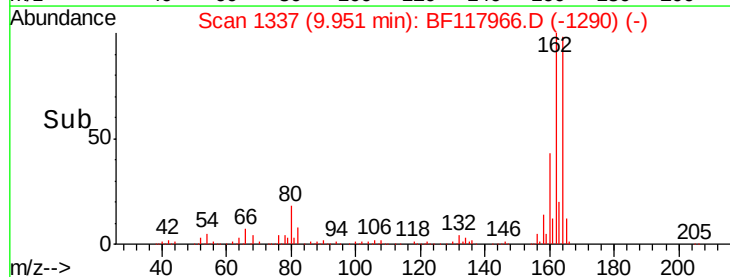
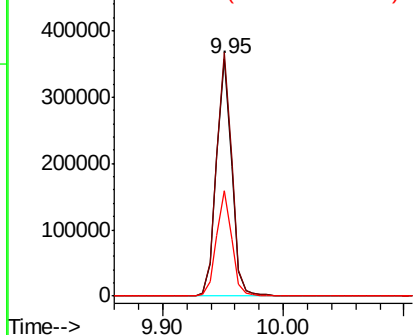


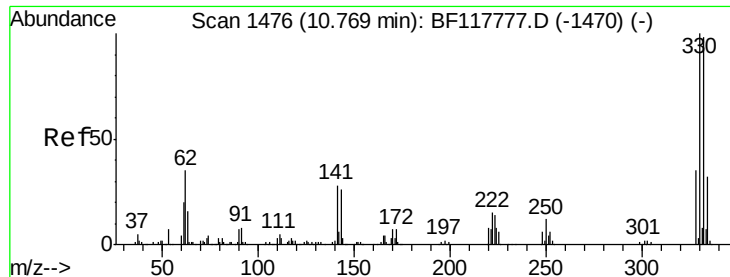
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.02 min
Lab File: BF117966.D
Acq: 23 Nov 2019 19:36

Tgt Ion:164 Resp: 309880
Ion Ratio Lower Upper
164 100
162 102.4 81.3 121.9
160 44.1 36.6 55.0



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 134.793 ng

RT: 10.75 min Scan# 1472

Delta R.T. -0.02 min

Lab File: BF117966.D

Acq: 23 Nov 2019 19:36

Instrument :

BNA_F

ClientSampleId :

SU-03-112019

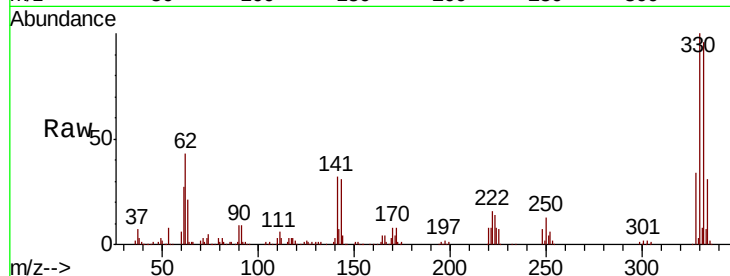
Tot Ion:330 Resp: 442210

Ion Ratio Lower Upper

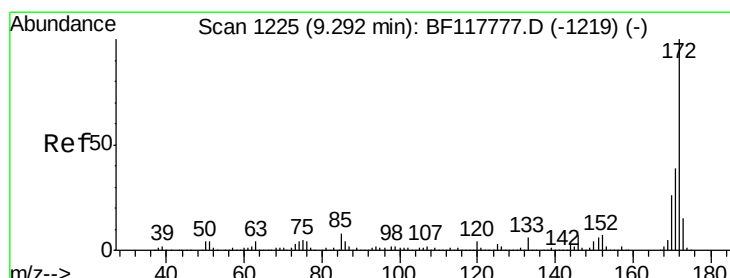
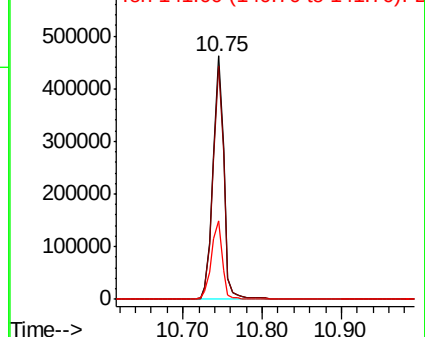
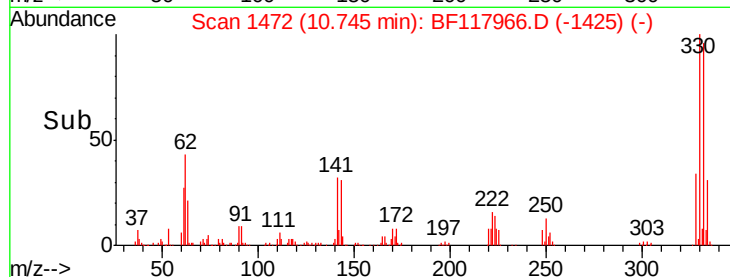
330 100

332 96.7 76.7 115.1

141 33.0 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: 85.249 ng

RT: 9.27 min Scan# 1221

Delta R.T. -0.02 min

Lab File: BF117966.D

Acq: 23 Nov 2019 19:36

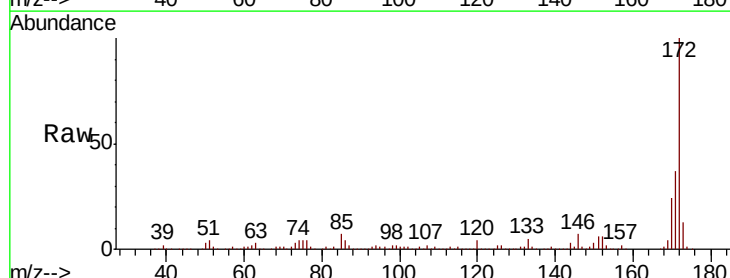
Tgt Ion:172 Resp: 1472481

Ion Ratio Lower Upper

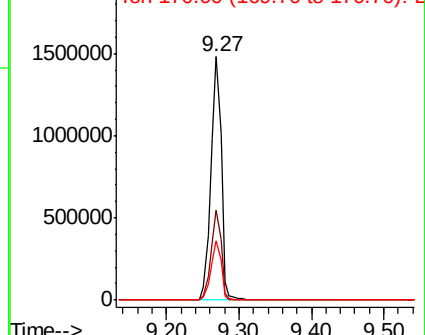
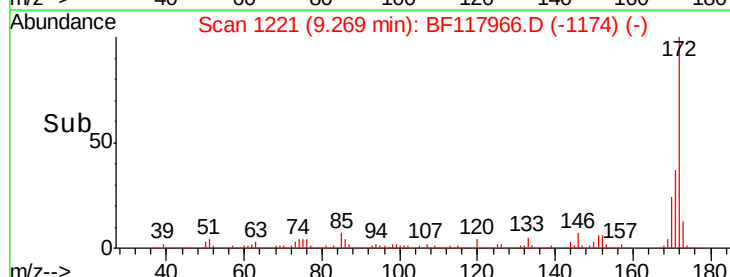
172 100

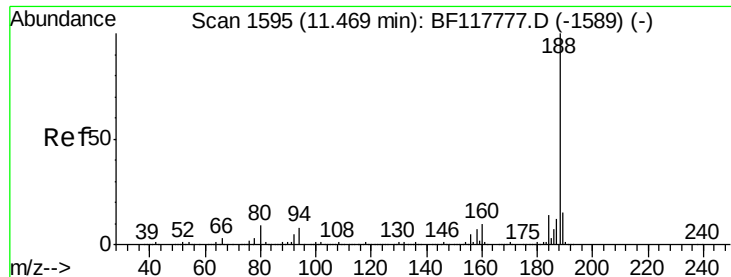
171 37.0 30.9 46.3

170 24.5 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

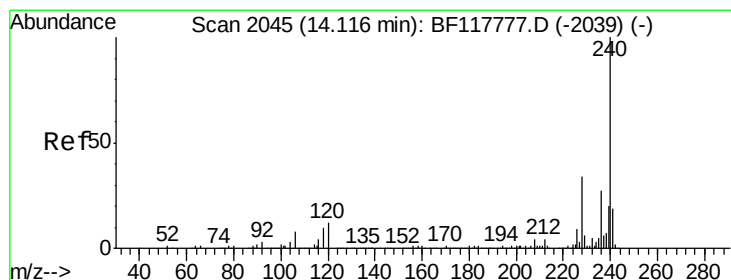
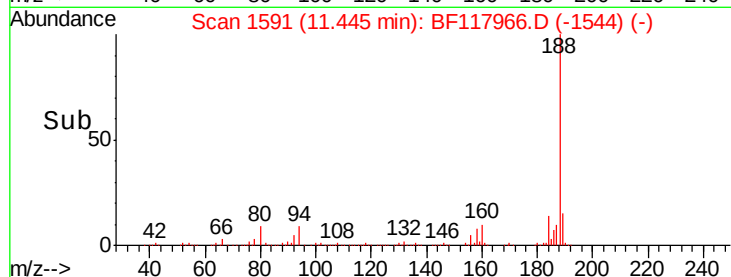
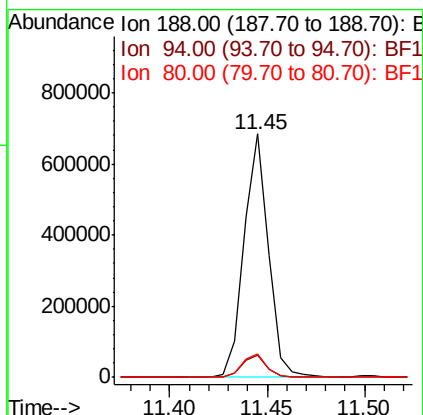
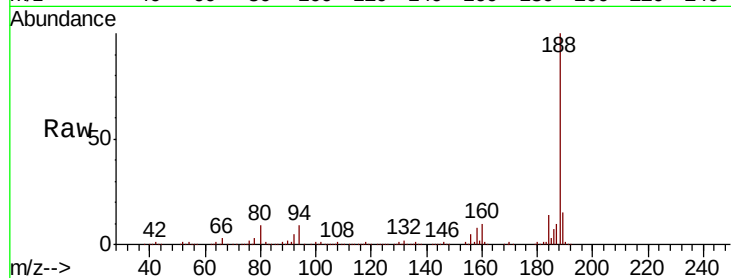




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.45 min Scan# 1591
Delta R.T. -0.02 min
Lab File: BF117966.D
Acq: 23 Nov 2019 19:36

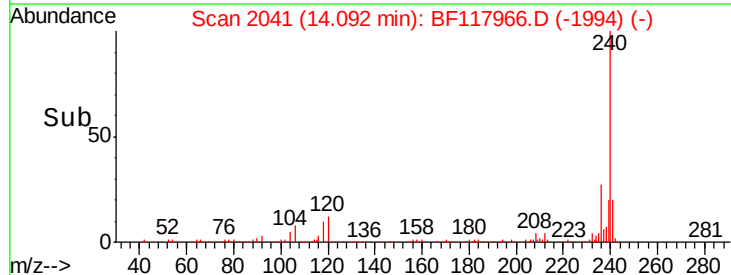
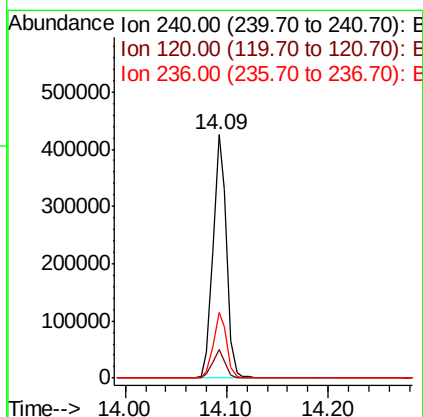
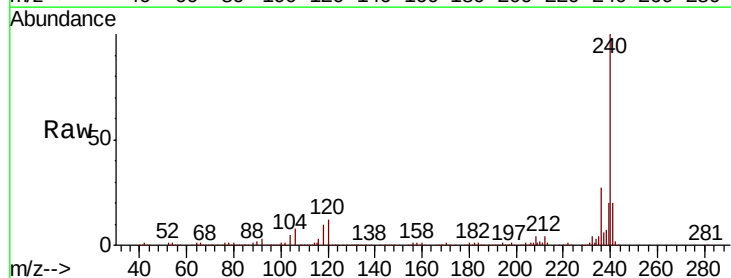
Instrument :
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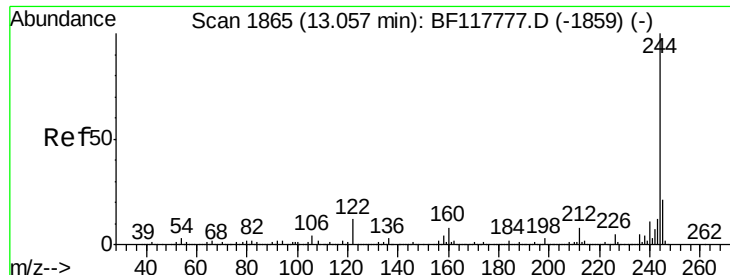
Tot Ion:188 Resp: 592399
Ion Ratio Lower Upper
188 100
94 9.0 6.6 10.0
80 9.4 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.09 min Scan# 2041
Delta R.T. -0.02 min
Lab File: BF117966.D
Acq: 23 Nov 2019 19:36

Tgt Ion:240 Resp: 393292
Ion Ratio Lower Upper
240 100
120 11.5 9.5 14.3
236 26.8 21.3 31.9





#79

Terphenyl-d14

Concen: 101.711 ng

RT: 13.04 min Scan# 1862

Delta R.T. -0.02 min

Lab File: BF117966.D

Acq: 23 Nov 2019 19:36

Instrument :

BNA_F

ClientSampleId :

SU-03-112019

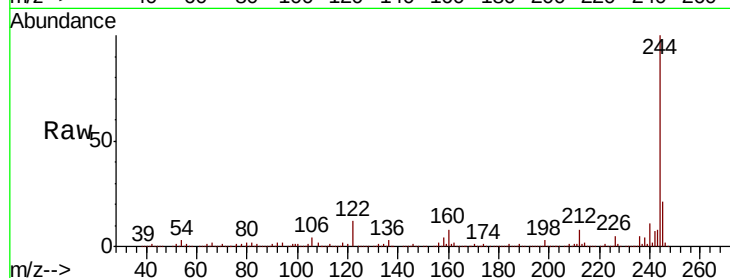
Tot Ion:244 Resp: 2188759

Ion Ratio Lower Upper

244 100

212 7.6 6.3 9.5

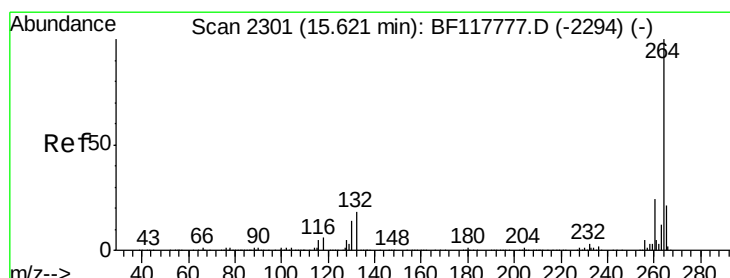
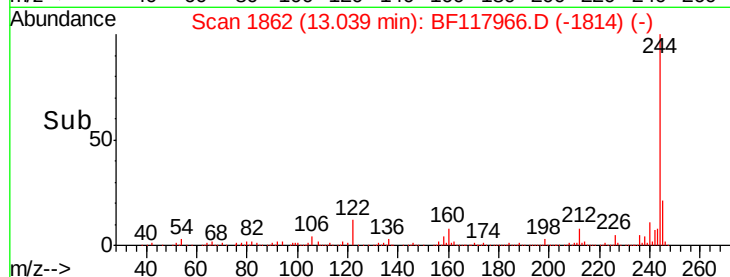
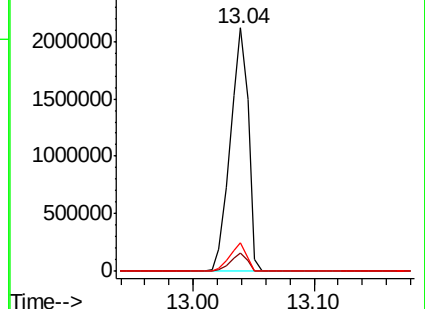
122 11.6 9.4 14.2



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: BF117966.D

Acq: 23 Nov 2019 19:36

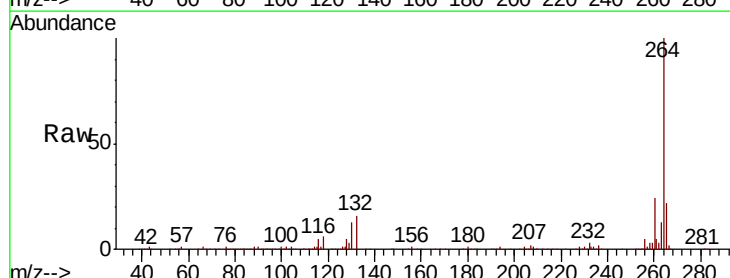
Tgt Ion:264 Resp: 377511

Ion Ratio Lower Upper

264 100

260 24.3 19.4 29.0

265 21.7 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

