

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090919\
 Data File : BF116900.D
 Acq On : 9 Sep 2019 16:58
 Operator : HP/JU
 Sample : K4662-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-090619

Quant Time: Sep 10 03:10:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 20:02:30 2019
 Response via : Initial Calibration

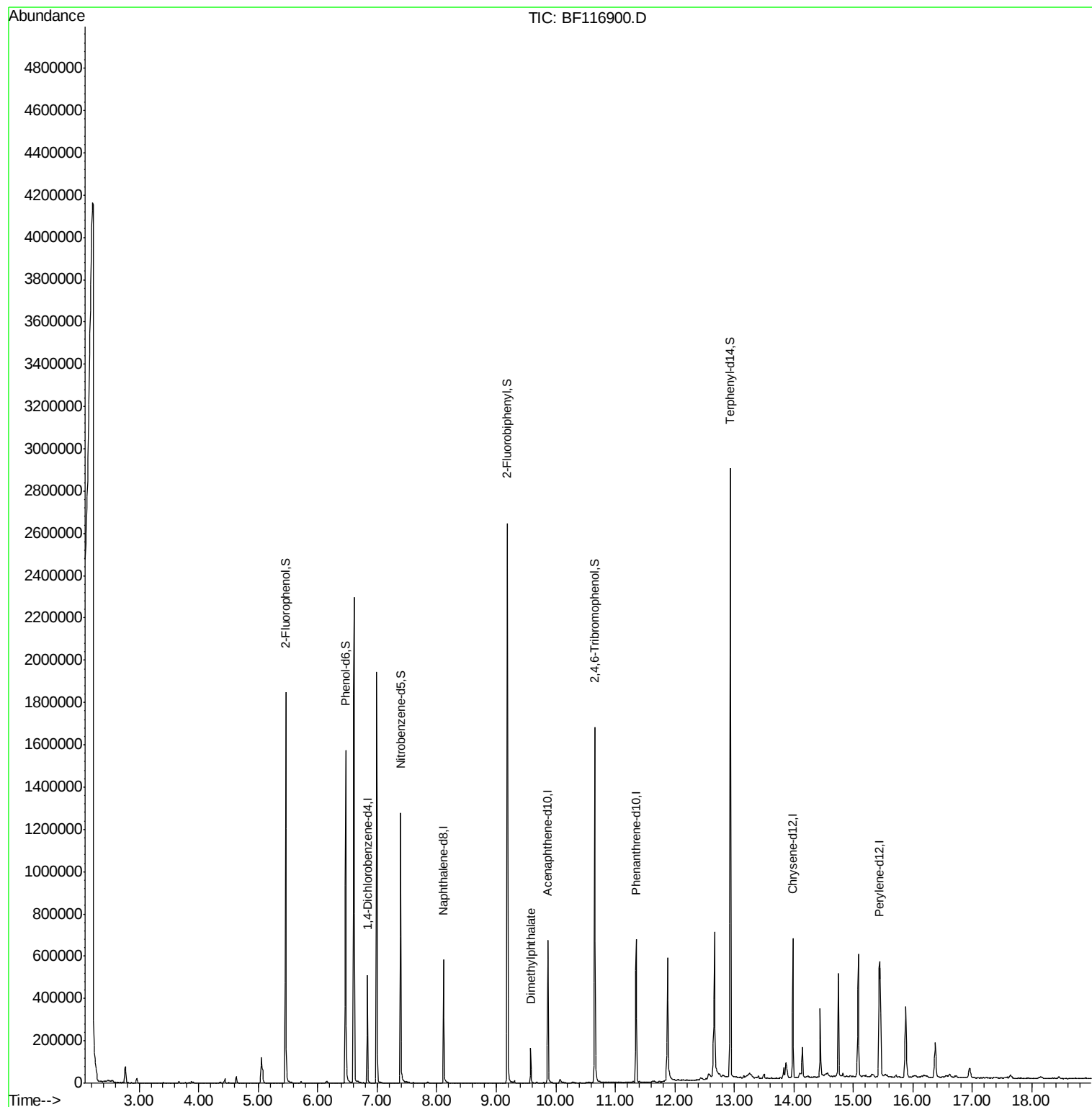
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	71319	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	278624	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	142098	20.00	ng	-0.02
64) Phenanthrene-d10	11.35	188	244894	20.00	ng	-0.02
76) Chrysene-d12	13.98	240	207653	20.00	ng	-0.02
87) Perylene-d12	15.43	264	214917	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	539872	122.64	ng	0.00
7) Phenol-d6	6.47	99	653909	113.12	ng	0.00
23) Nitrobenzene-d5	7.39	82	506091	103.69	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	181358	190.91	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	866148	102.82	ng	-0.02
79) Terphenyl-d14	12.93	244	946929	84.36	ng	-0.02
Target Compounds						
50) Dimethylphthalate	9.58	163	70220	7.158	ng	Qvalue 97

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

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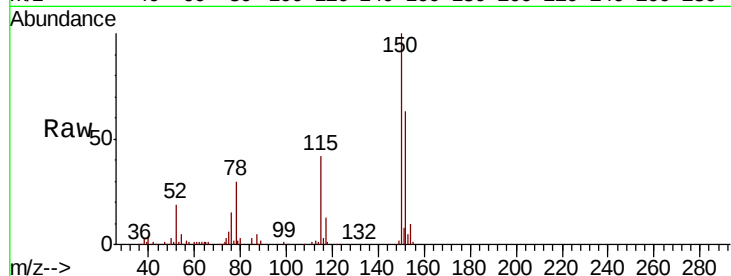


#1

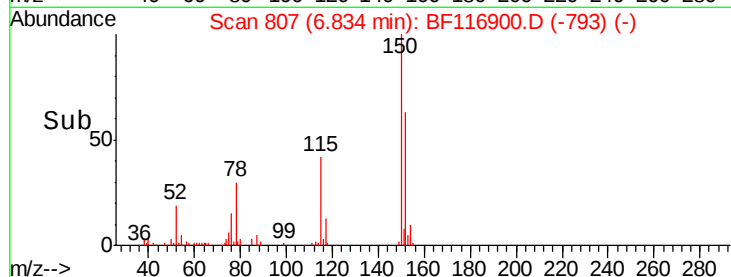
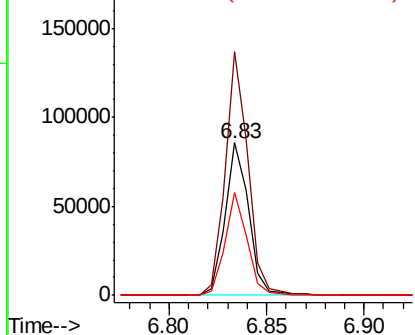
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.02 min
Lab File: BF116900.D
Acq: 9 Sep 2019 16:58

Instrument :
BNA_F
ClientSampleId :
CL-01-090619

Tot Ion:152 Resp: 71319
Ion Ratio Lower Upper
152 100
150 159.8 124.4 186.6
115 67.4 49.9 74.9



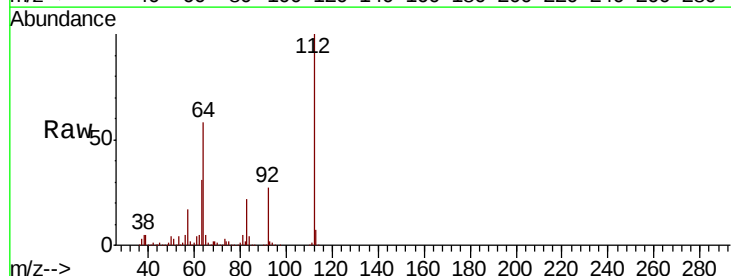
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



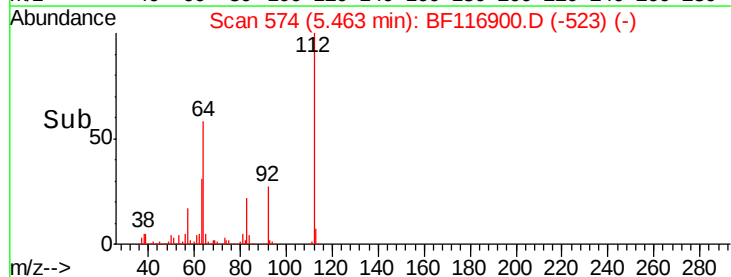
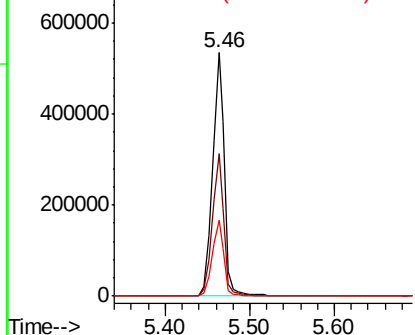
#5

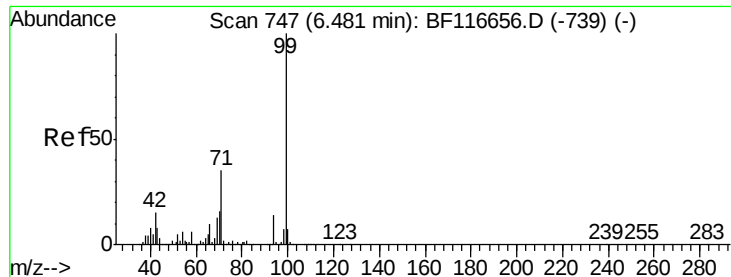
2-Fluorophenol
Concen: 122.635 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF116900.D
Acq: 9 Sep 2019 16:58

Tgt Ion:112 Resp: 539872
Ion Ratio Lower Upper
112 100
64 58.4 47.1 70.7
63 31.1 24.9 37.3



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: 113.120 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116900.D

Acq: 9 Sep 2019 16:58

Instrument :

BNA_F

ClientSampleId :

CL-01-090619

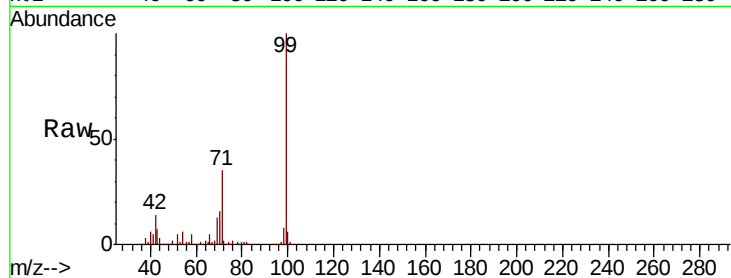
Tot Ion: 99 Resp: 653909

Ion Ratio Lower Upper

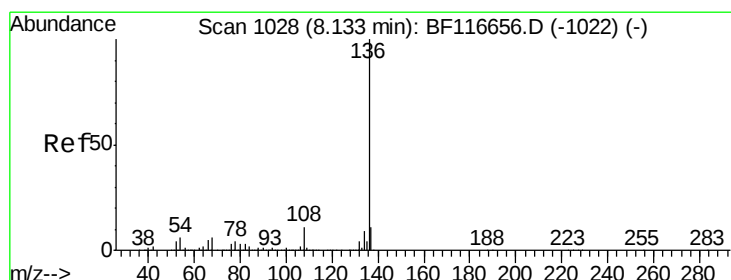
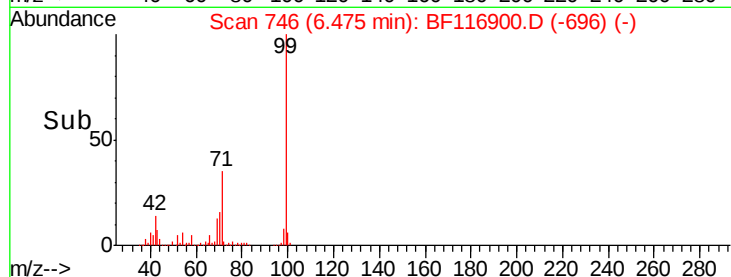
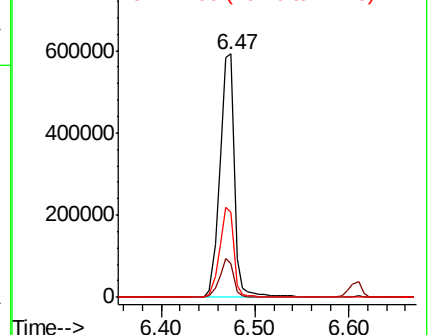
99 100

42 13.9 13.7 20.5

71 34.9 30.8 46.2



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: 8.12 min Scan# 1025

Delta R.T. -0.02 min

Lab File: BF116900.D

Acq: 9 Sep 2019 16:58

Tgt Ion: 136 Resp: 278624

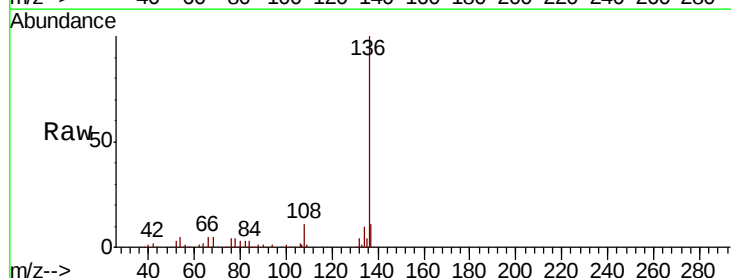
Ion Ratio Lower Upper

136 100

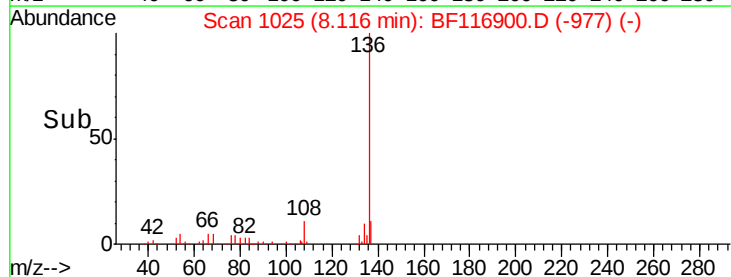
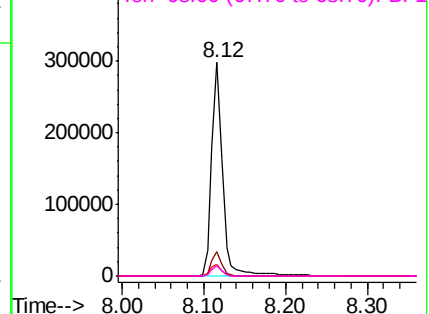
137 11.2 8.9 13.3

54 5.2 4.8 7.2

68 4.9 4.0 6.0



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

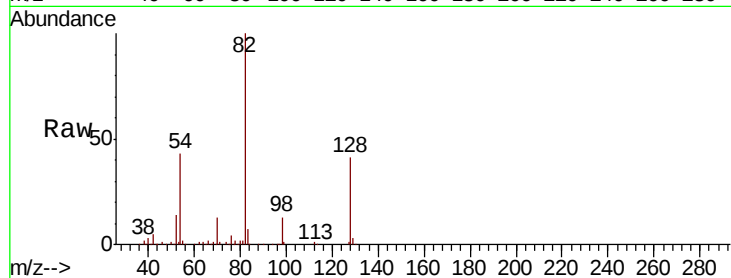




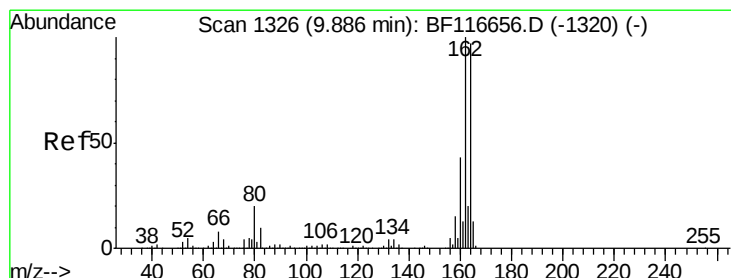
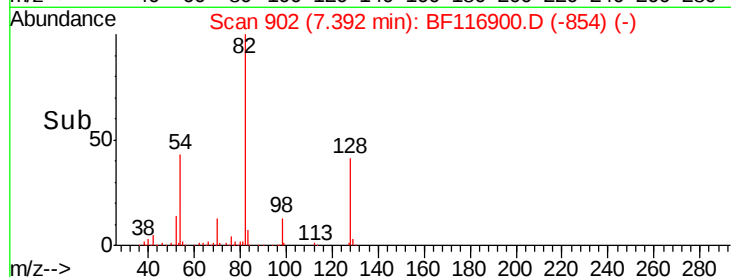
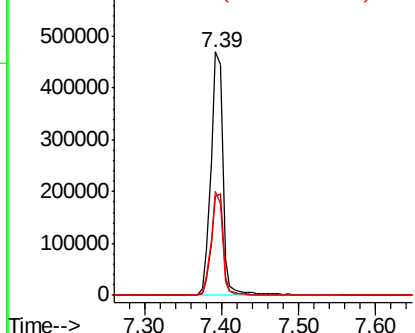
#23
 Nitrobenzene-d5
 Concen: 103.693 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.02 min
 Lab File: BF116900.D
 Acq: 9 Sep 2019 16:58

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-090619

Tot Ion	82	Resp	506091
Ion Ratio	Lower	Upper	
82	100		
128	40.8	32.8	49.2
54	42.8	36.9	55.3

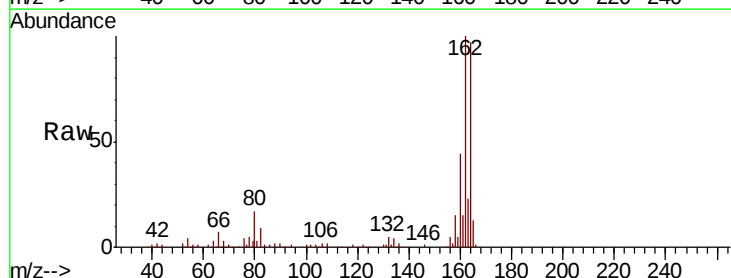


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

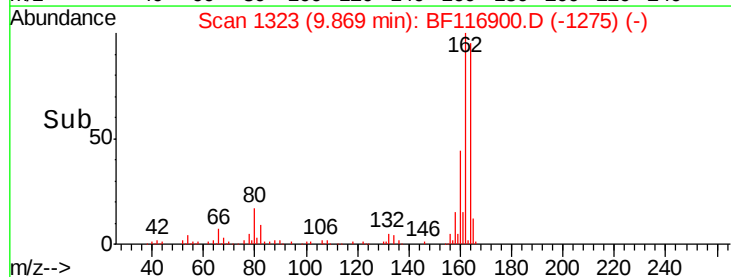
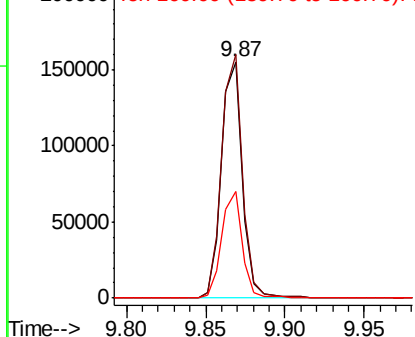


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF116900.D
 Acq: 9 Sep 2019 16:58

Tgt Ion	164	Resp	142098
Ion Ratio	Lower	Upper	
164	100		
162	103.2	81.4	122.0
160	45.3	35.4	53.2



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

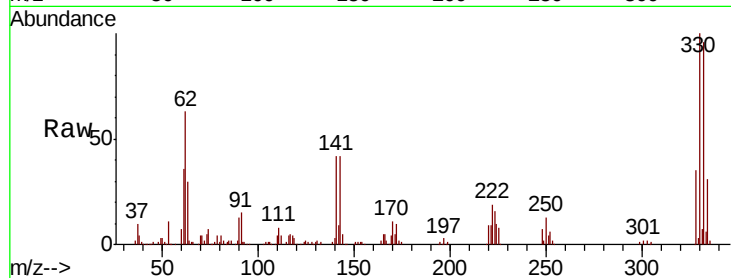




#42
 2,4,6-Tribromophenol
 Concen: 190.912 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.02 min
 Lab File: BF116900.D
 Acq: 9 Sep 2019 16:58

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-090619

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.9	115.3
141	44.0	31.4	47.2

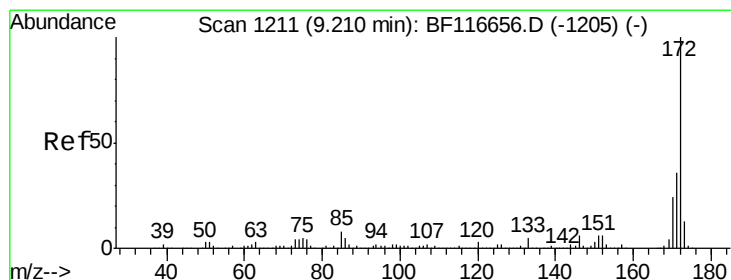
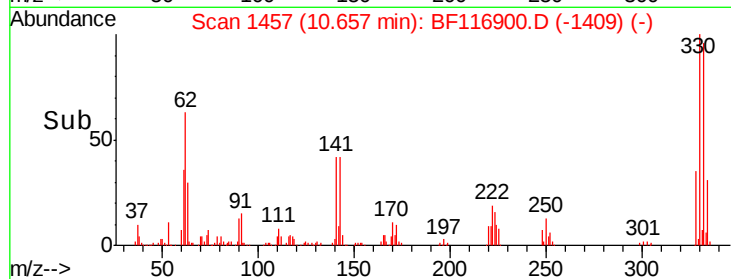
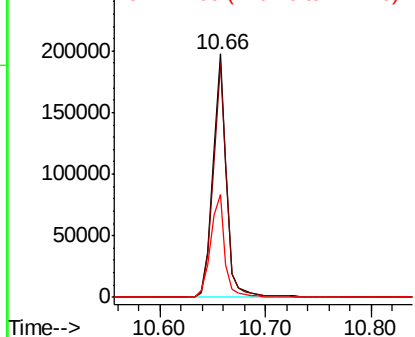


Abundance

Ion 329.80 (329.50 to 330.50): E

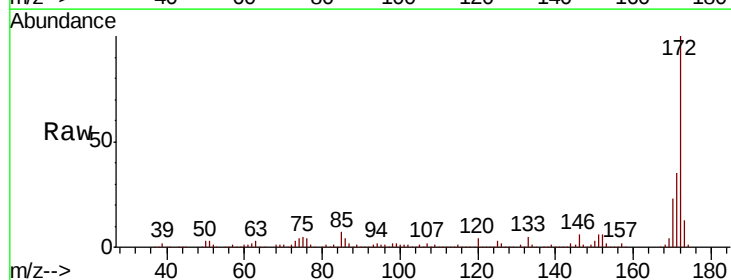
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 102.823 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF116900.D
 Acq: 9 Sep 2019 16:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	27.8	41.6
170	23.4	18.9	28.3

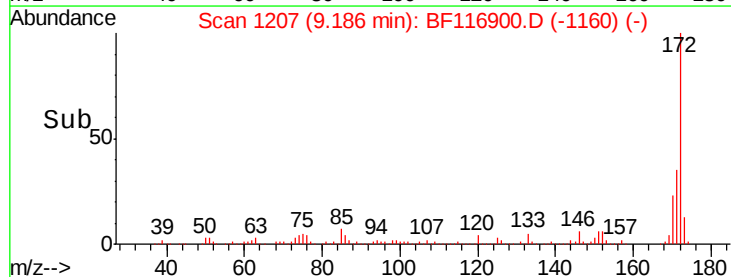
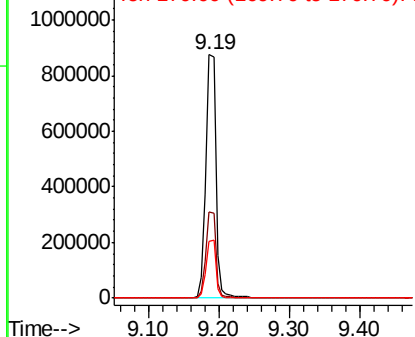


Abundance

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: 7.158 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.03 min

Lab File: BF116900.D

Acq: 9 Sep 2019 16:58

Instrument :

BNA_F

ClientSampleId :

CL-01-090619

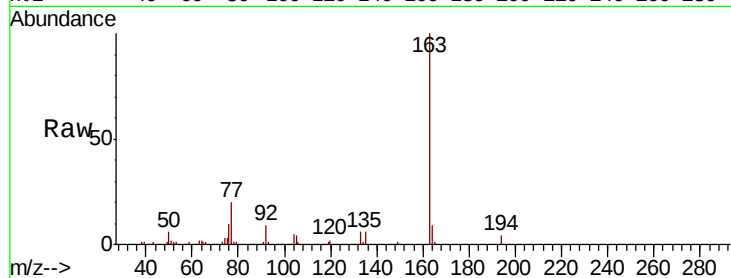
Tot Ion:163 Resp: 70220

Ion Ratio Lower Upper

163 100

194 3.6 2.8 4.2

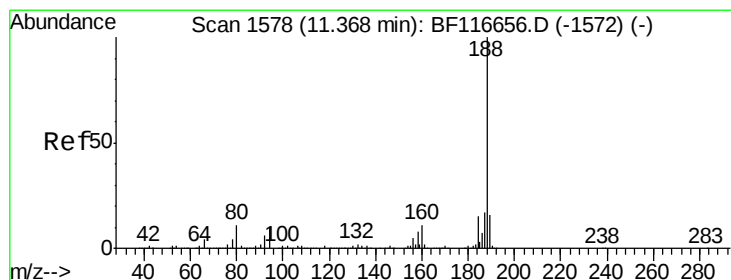
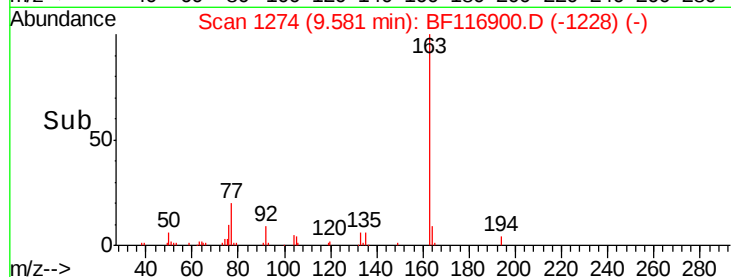
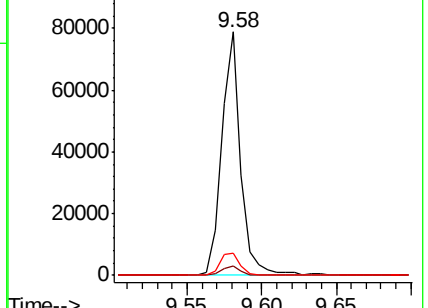
164 9.3 8.6 12.8



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: 11.35 min Scan# 1575

Delta R.T. -0.02 min

Lab File: BF116900.D

Acq: 9 Sep 2019 16:58

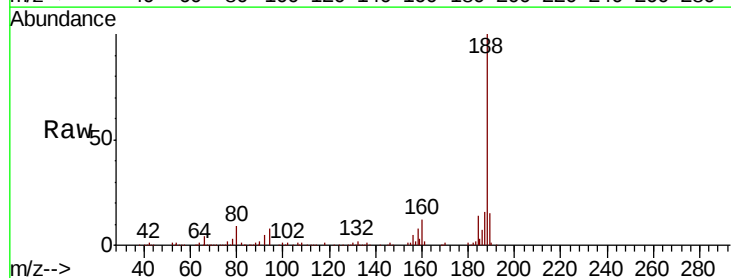
Tgt Ion:188 Resp: 244894

Ion Ratio Lower Upper

188 100

94 8.5 7.3 10.9

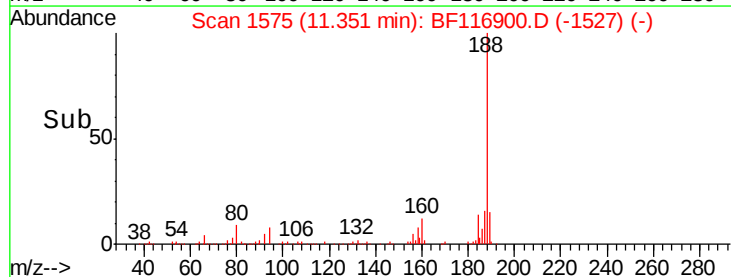
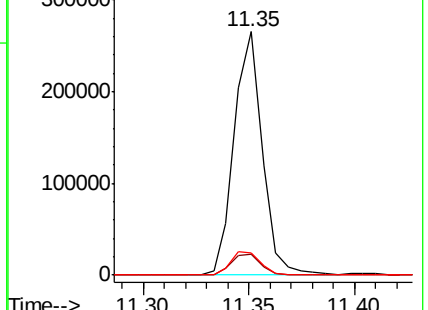
80 9.3 8.4 12.6

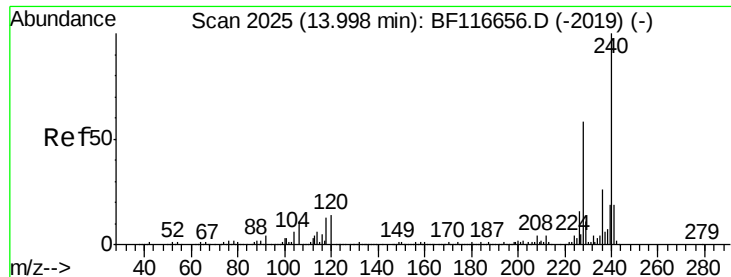


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

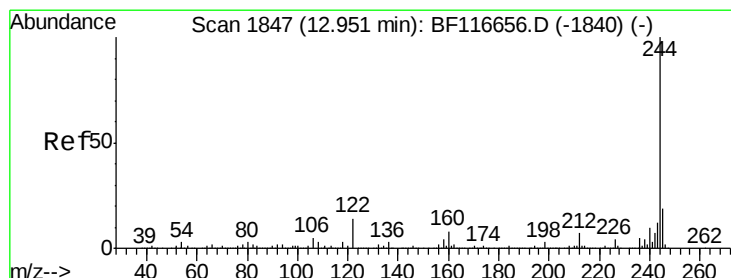
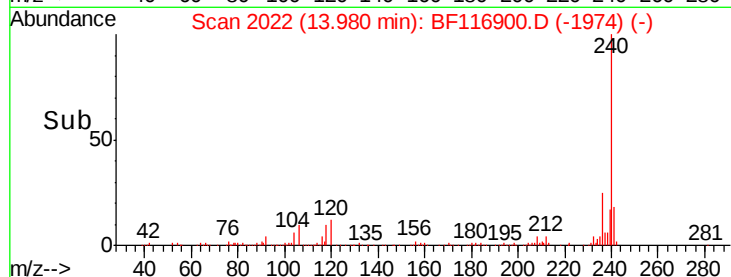
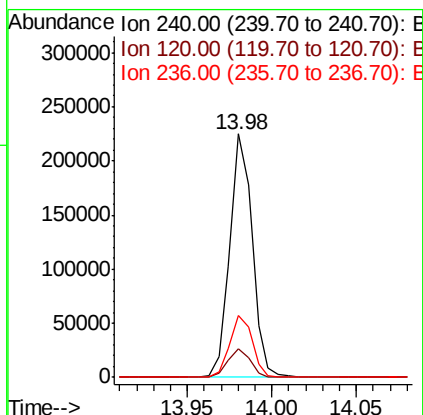
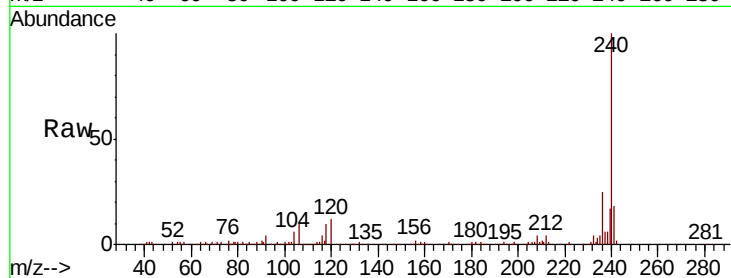




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.02 min
Lab File: BF116900.D
Acq: 9 Sep 2019 16:58

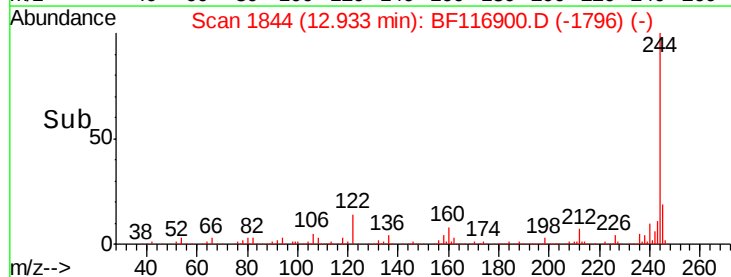
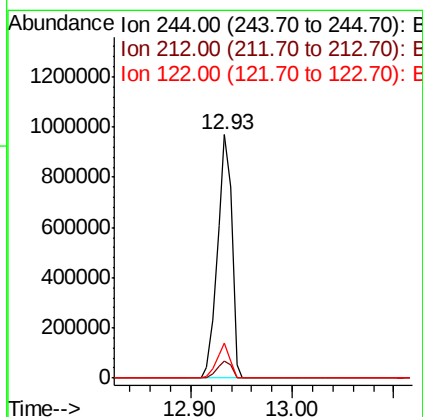
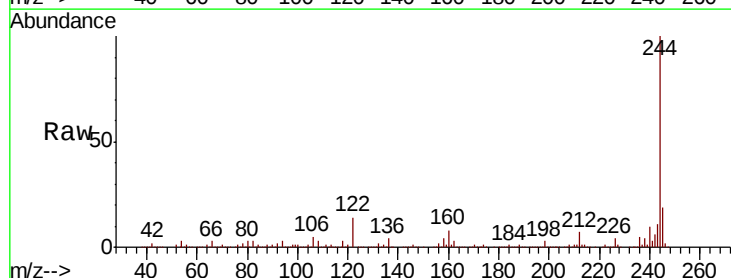
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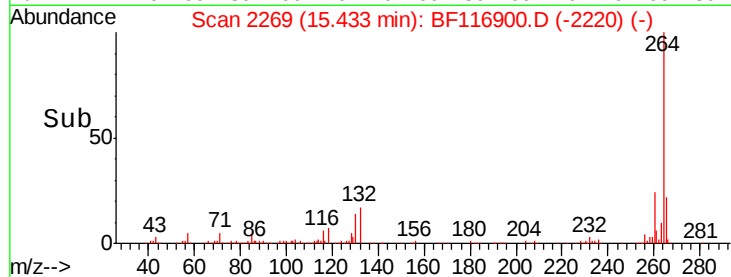
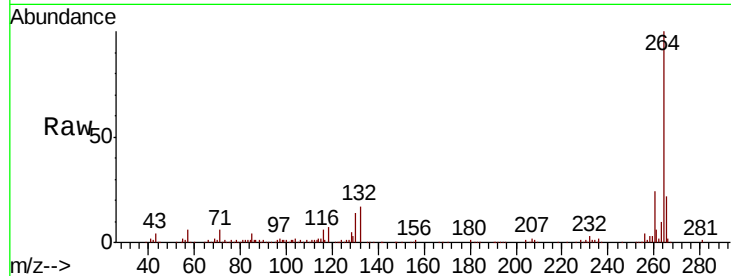
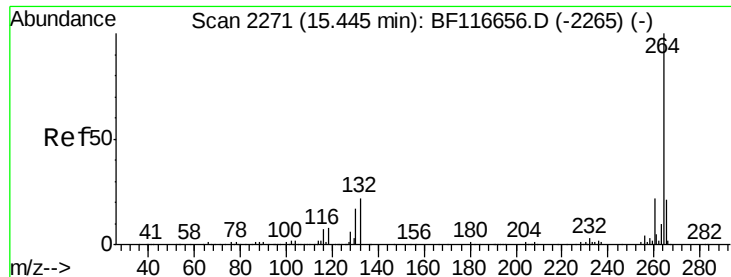
Tot Ion:240 Resp: 207653
Ion Ratio Lower Upper
240 100
120 11.8 9.1 13.7
236 25.2 21.1 31.7



#79
Terphenyl-d14
Concen: 84.360 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.02 min
Lab File: BF116900.D
Acq: 9 Sep 2019 16:58

Tgt Ion:244 Resp: 946929
Ion Ratio Lower Upper
244 100
212 7.2 6.1 9.1
122 14.4 10.2 15.4





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF116900.D
Acq: 9 Sep 2019 16:58

Instrument :
BNA_F
ClientSampleId :
CL-01-090619

Tot Ion:	264	Resp:	214917
Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.3	27.5
265	21.6	16.5	24.7

