

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090919\
 Data File : BF116901.D
 Acq On : 9 Sep 2019 17:25
 Operator : HP/JU
 Sample : K4664-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-090619

Quant Time: Sep 10 03:12:38 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	69201	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	275394	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	140732	20.00	ng	-0.02
64) Phenanthrene-d10	11.35	188	229785	20.00	ng	-0.02
76) Chrysene-d12	13.98	240	190868	20.00	ng	-0.02
87) Perylene-d12	15.44	264	188220	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	536059	125.50	ng	0.00
7) Phenol-d6	6.47	99	663357	118.27	ng	-0.01
23) Nitrobenzene-d5	7.39	82	492988	102.19	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	170367	181.08	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	826920	99.12	ng	-0.02
79) Terphenyl-d14	12.93	244	862774	83.62	ng	-0.02

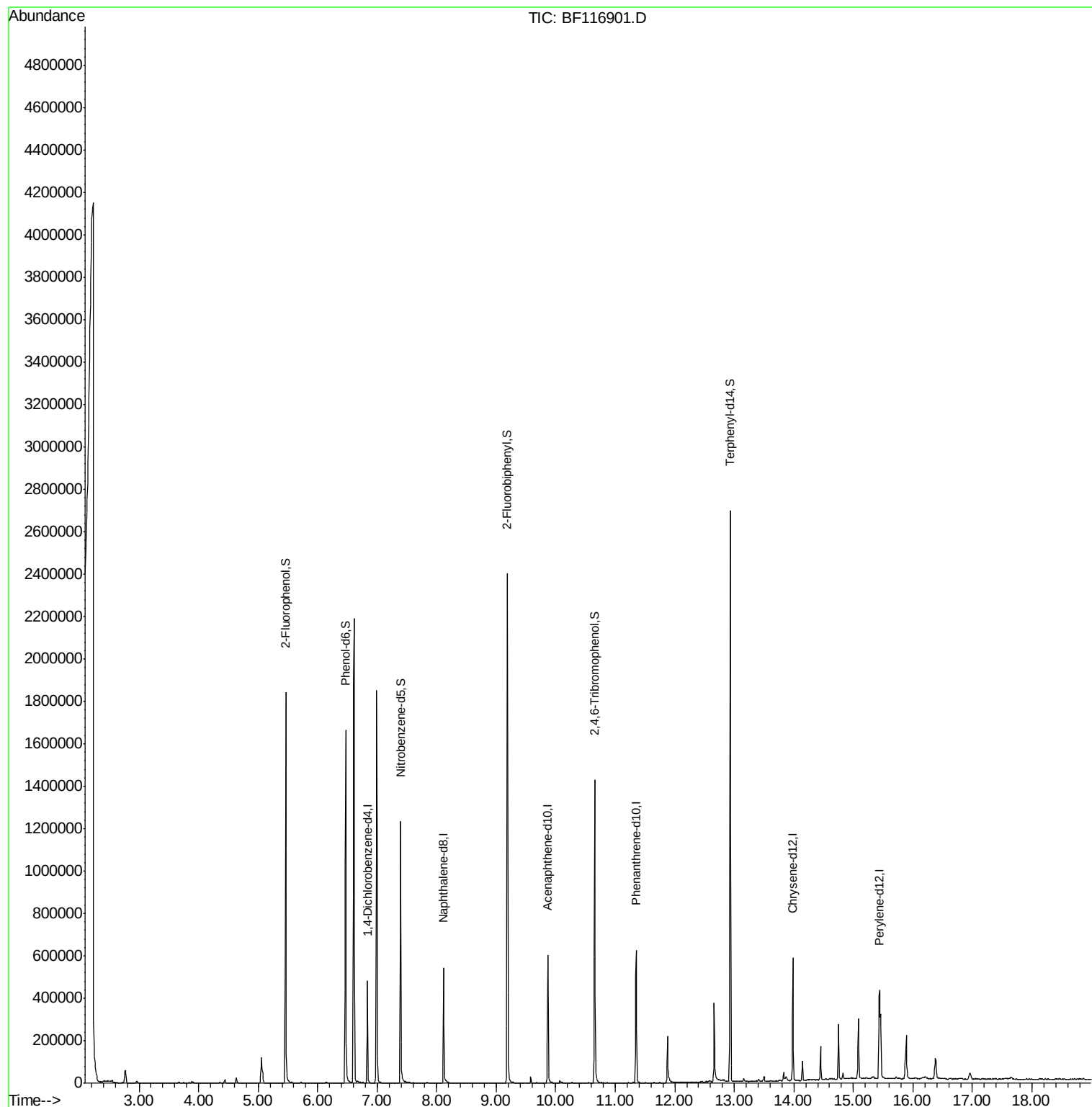
Target Compounds Qvalue

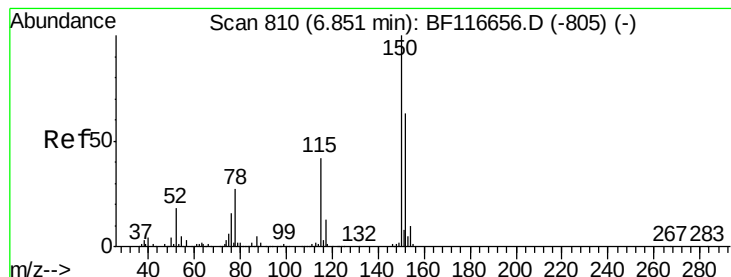
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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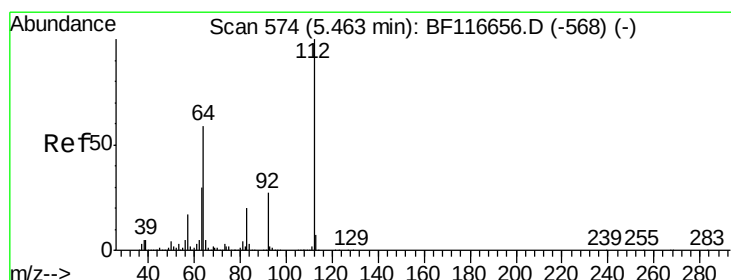
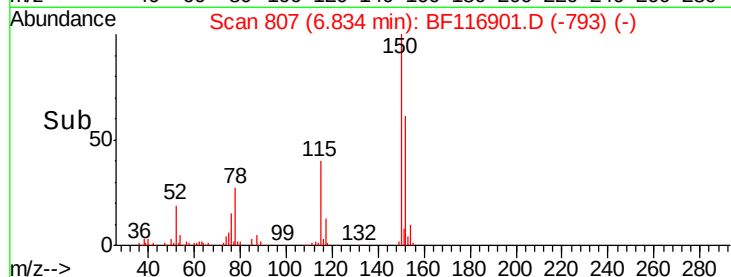
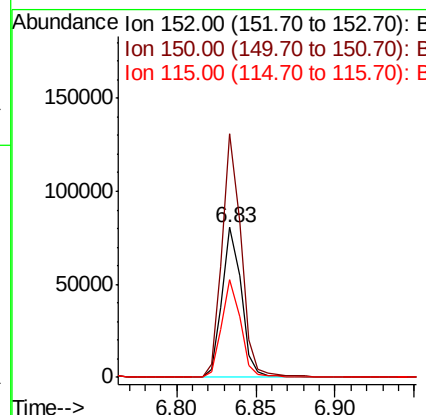
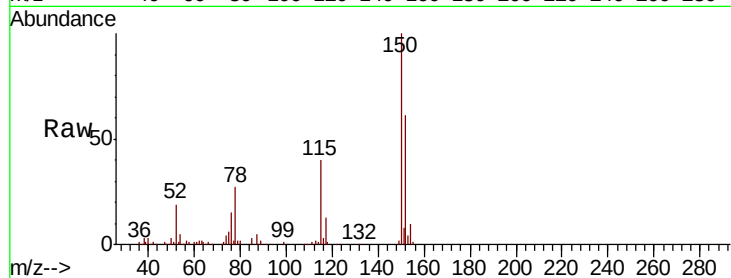


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.02 min
Lab File: BF116901.D
Acq: 9 Sep 2019 17:25

Instrument :
BNA_F
ClientSampleId :
OR-03-090619

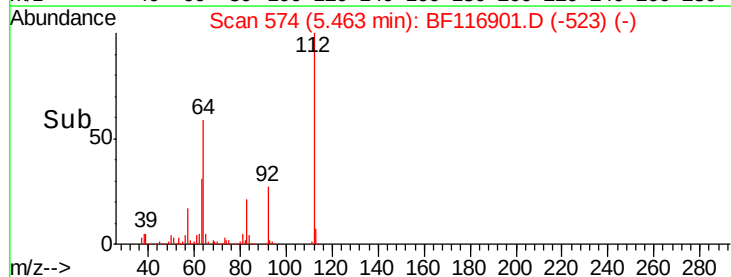
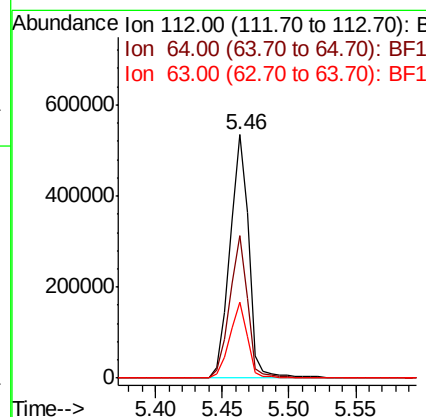
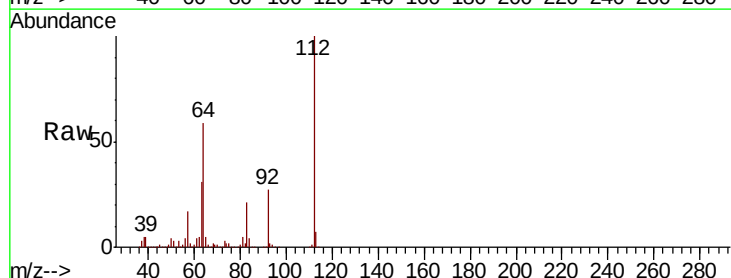
Tot Ion	152	Resp	69201
Ion Ratio	Lower	Upper	
152	100		
150	162.8	124.4	186.6
115	65.7	49.9	74.9

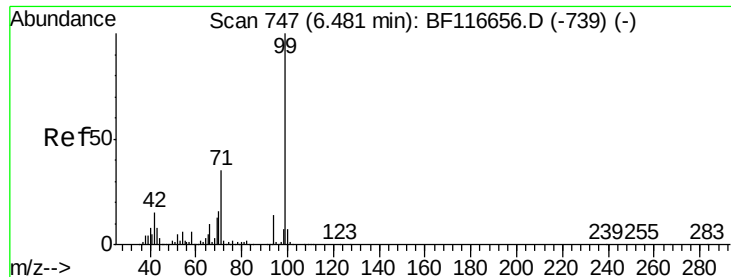


#5

2-Fluorophenol
Concen: 125.496 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF116901.D
Acq: 9 Sep 2019 17:25

Tgt Ion	112	Resp	536059
Ion Ratio	Lower	Upper	
112	100		
64	58.8	47.1	70.7
63	31.0	24.9	37.3





#7

Phenol-d6

Concen: 118.267 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF116901.D

Acq: 9 Sep 2019 17:25

Instrument :

BNA_F

ClientSampleId :

OR-03-090619

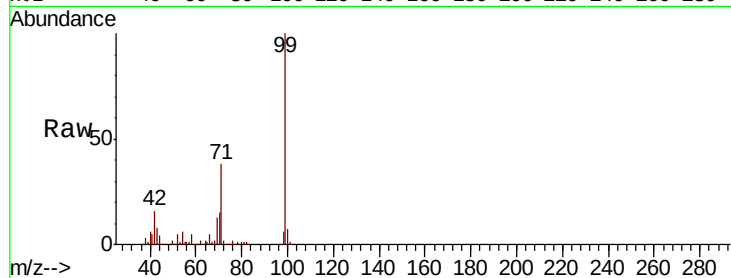
Tot Ion: 99 Resp: 663357

Ion Ratio Lower Upper

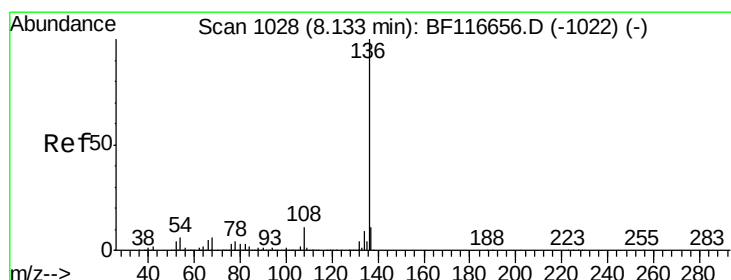
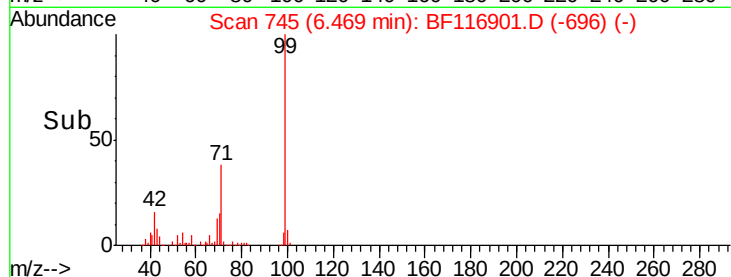
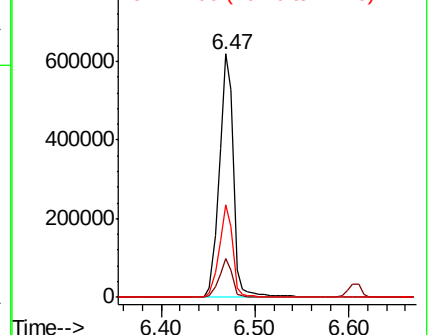
99 100

42 15.8 13.7 20.5

71 37.9 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: BF116901.D

Acq: 9 Sep 2019 17:25

Tgt Ion: 136 Resp: 275394

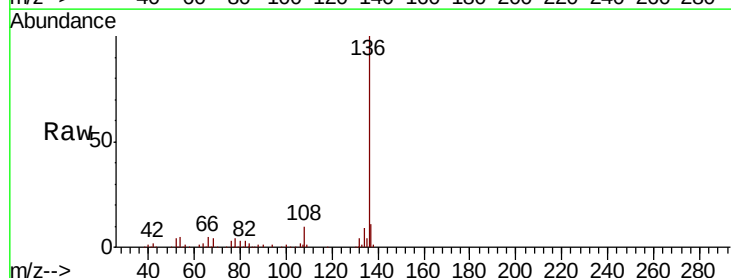
Ion Ratio Lower Upper

136 100

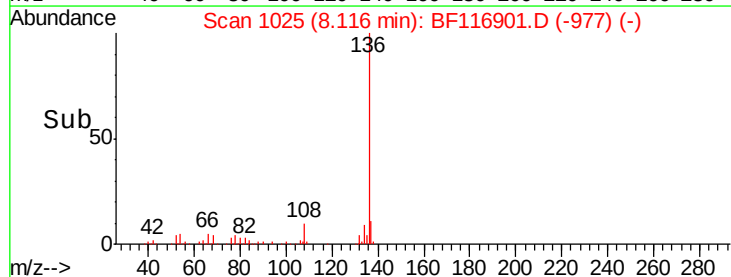
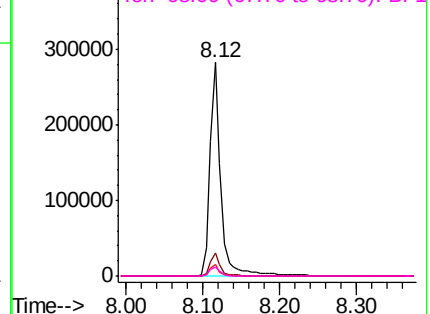
137 10.9 8.9 13.3

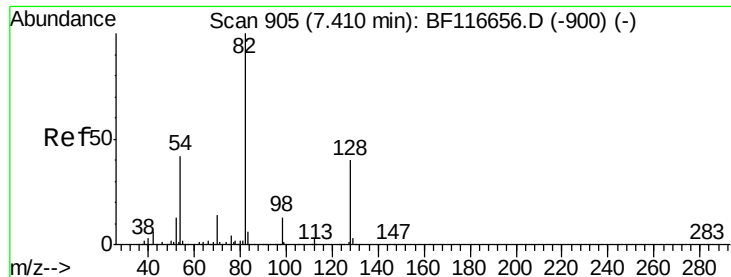
54 5.5 4.8 7.2

68 4.2 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

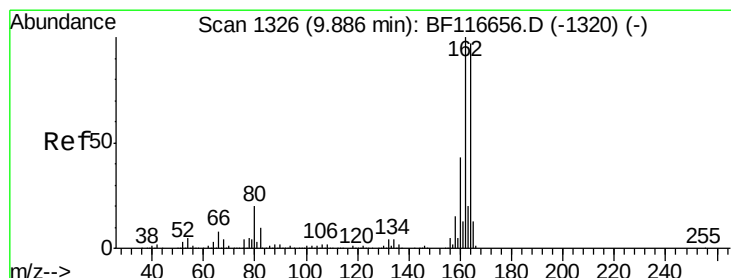
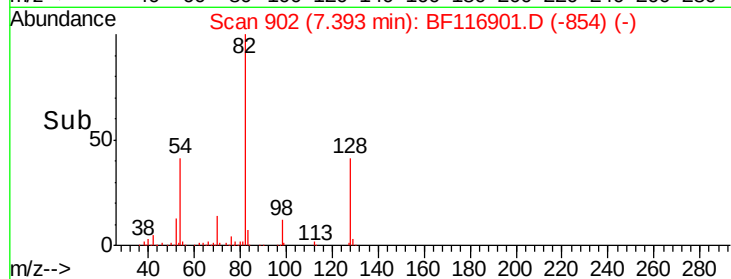
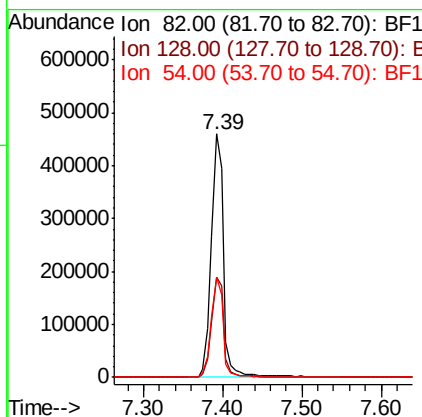
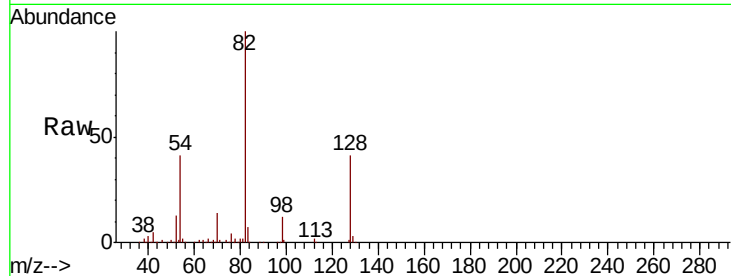




#23
 Nitrobenzene-d5
 Concen: 102.193 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.02 min
 Lab File: BF116901.D
 Acq: 9 Sep 2019 17:25

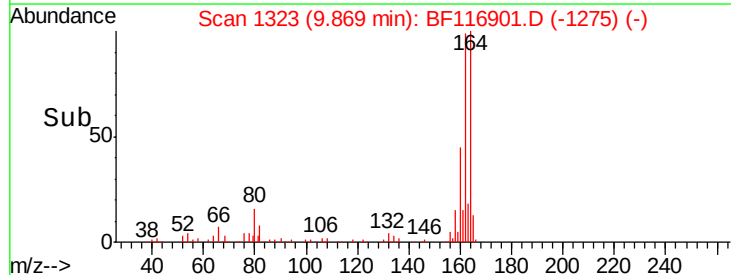
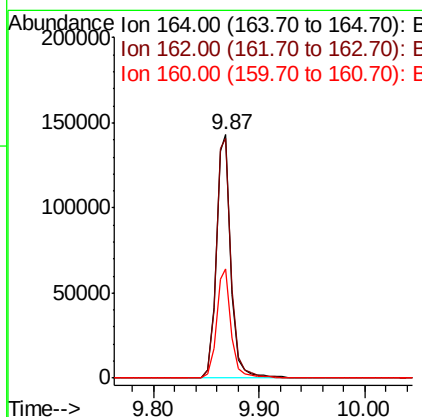
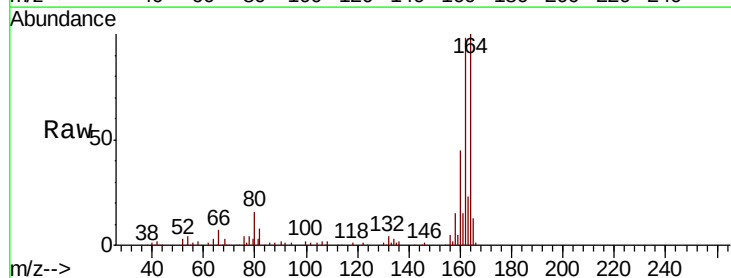
Instrument :
 BNA_F
 ClientSampleId :
 OR-03-090619

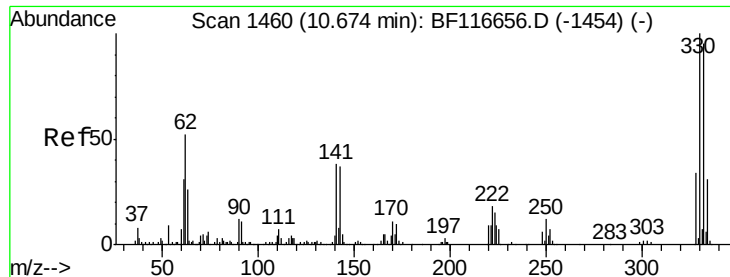
Tot Ion	82	Resp	492988
Ion Ratio	Lower	Upper	
82	100		
128	41.2	32.8	49.2
54	41.1	36.9	55.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF116901.D
 Acq: 9 Sep 2019 17:25

Tgt Ion	164	Resp	140732
Ion Ratio	Lower	Upper	
164	100		
162	98.4	81.4	122.0
160	45.0	35.4	53.2

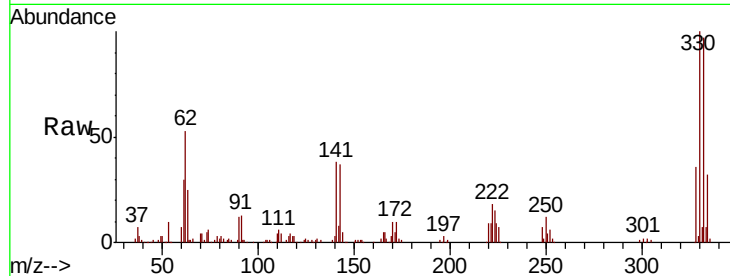




#42
 2,4,6-Tribromophenol
 Concen: 181.083 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.02 min
 Lab File: BF116901.D
 Acq: 9 Sep 2019 17:25

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-090619

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.9	115.3
141	43.6	31.4	47.2

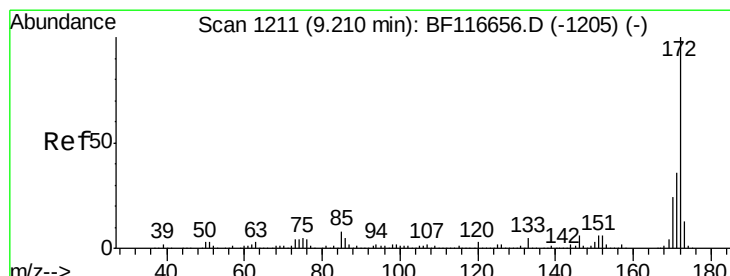
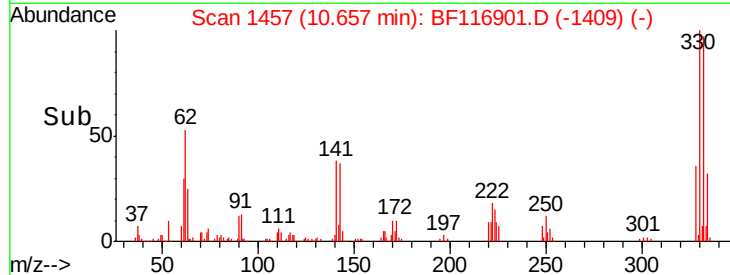
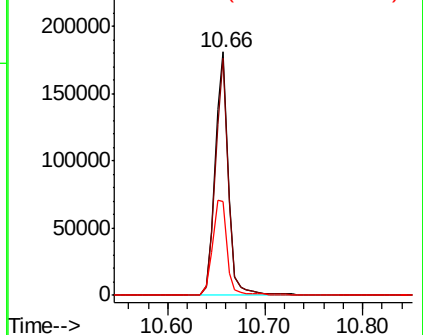


Abundance

Ion 329.80 (329.50 to 330.50): E

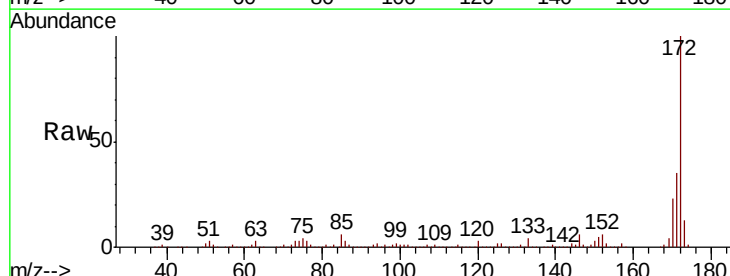
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 99.119 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.02 min
 Lab File: BF116901.D
 Acq: 9 Sep 2019 17:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.8	41.6
170	23.4	18.9	28.3

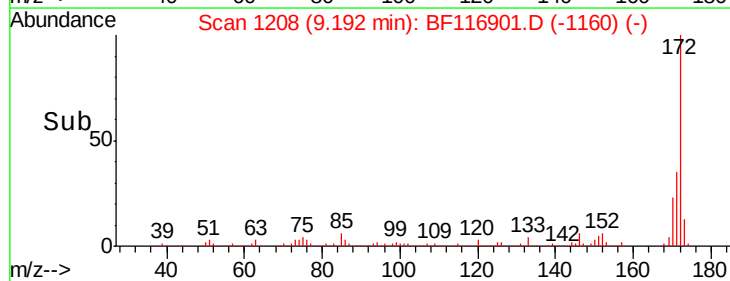
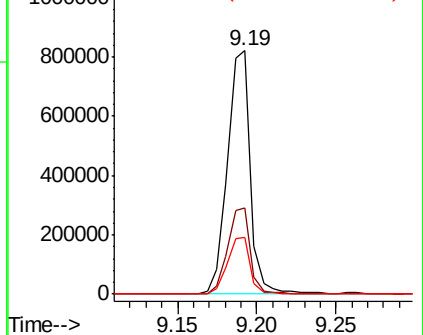


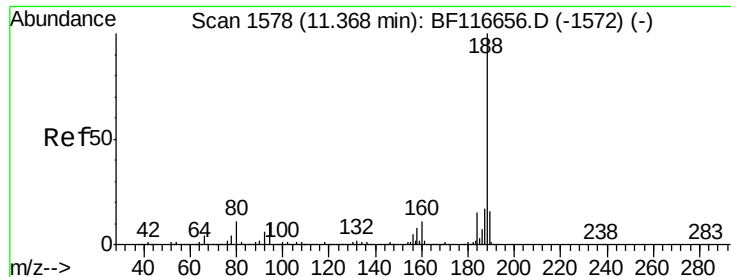
Abundance

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

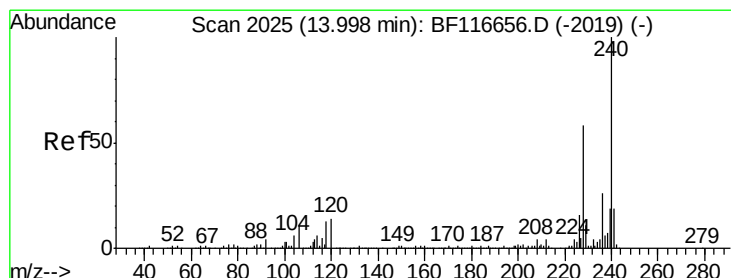
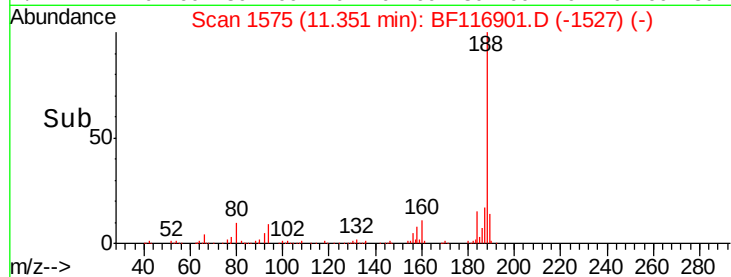
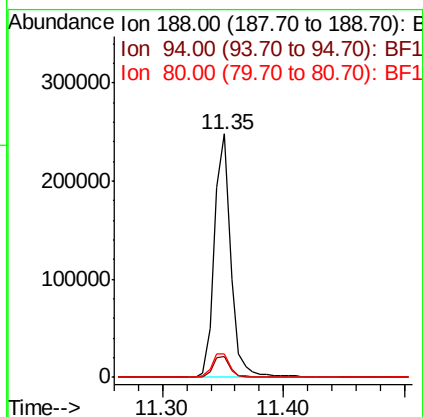
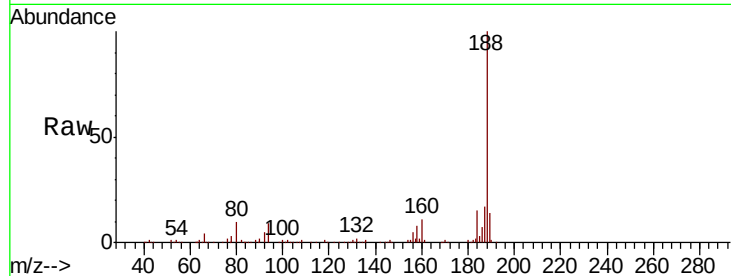




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF116901.D
Acq: 9 Sep 2019 17:25

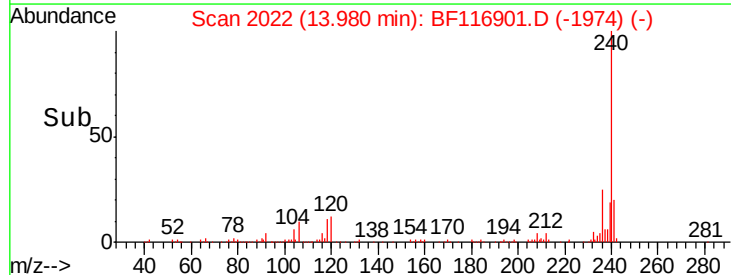
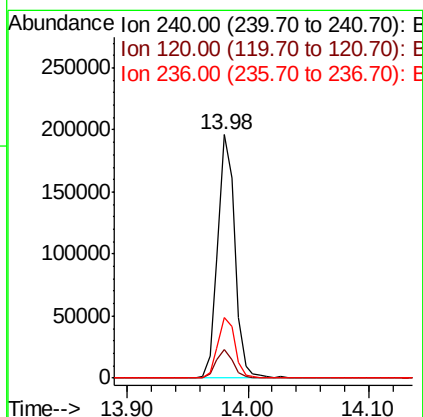
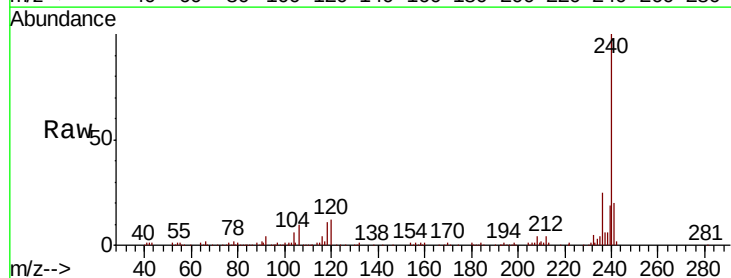
Instrument :
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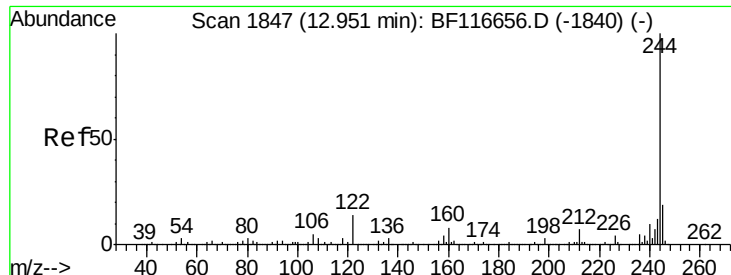
Tot Ion:188 Resp: 229785
Ion Ratio Lower Upper
188 100
94 8.7 7.3 10.9
80 9.8 8.4 12.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.02 min
Lab File: BF116901.D
Acq: 9 Sep 2019 17:25

Tgt Ion:240 Resp: 190868
Ion Ratio Lower Upper
240 100
120 11.6 9.1 13.7
236 24.7 21.1 31.7

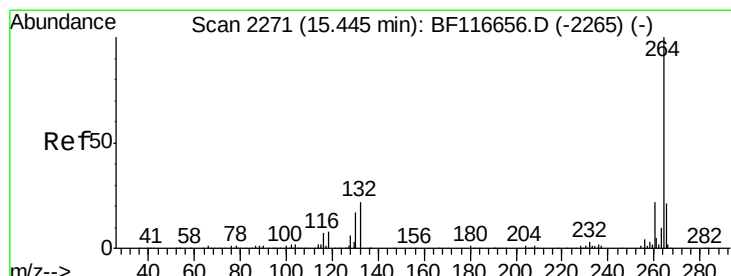
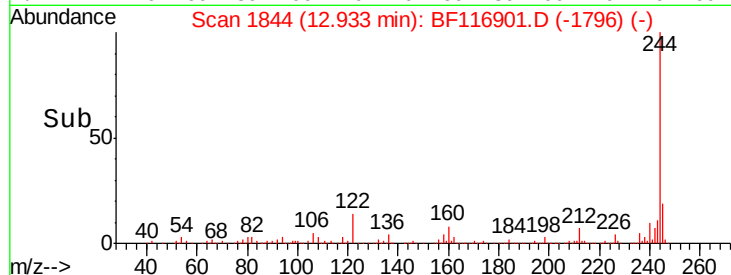
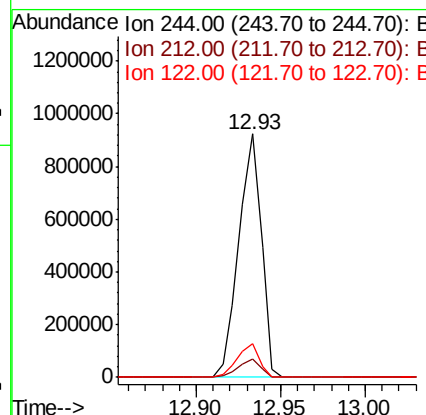
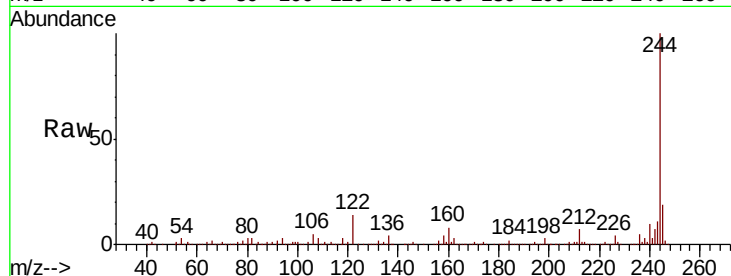




#79
 Terphenyl-d14
 Concen: 83.622 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. -0.02 min
 Lab File: BF116901.D
 Acq: 9 Sep 2019 17:25

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-090619

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.1	9.1
122	14.0	10.2	15.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. -0.01 min
 Lab File: BF116901.D
 Acq: 9 Sep 2019 17:25

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.3	27.5
265	21.9	16.5	24.7

