

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
 Data File : BF113866.D
 Acq On : 19 Apr 2019 18:39
 Operator : JU/SJ
 Sample : K2198-05 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-041719

Manual Integrations
 APPROVED

Sohil
 4/22/2019 7:27:01 PM

Quant Time: Apr 20 04:56:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 18 13:55:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	160518	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	556791	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	252892	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	513908	20.00	ng	0.02
76) Chrysene-d12	14.36	240	450931m	20.00	ng	0.32
87) Perylene-d12	16.17	264	356025m	20.00	ng	0.66
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	190248	19.71	ng	0.00
7) Phenol-d6	6.52	99	238698	19.83	ng	0.00
23) Nitrobenzene-d5	7.45	82	114217	12.49	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	55737	19.95	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	240522	14.50	ng	0.00
79) Terphenyl-d14	13.11	244	310748	14.45	ng	0.11

Target Compounds Qvalue

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

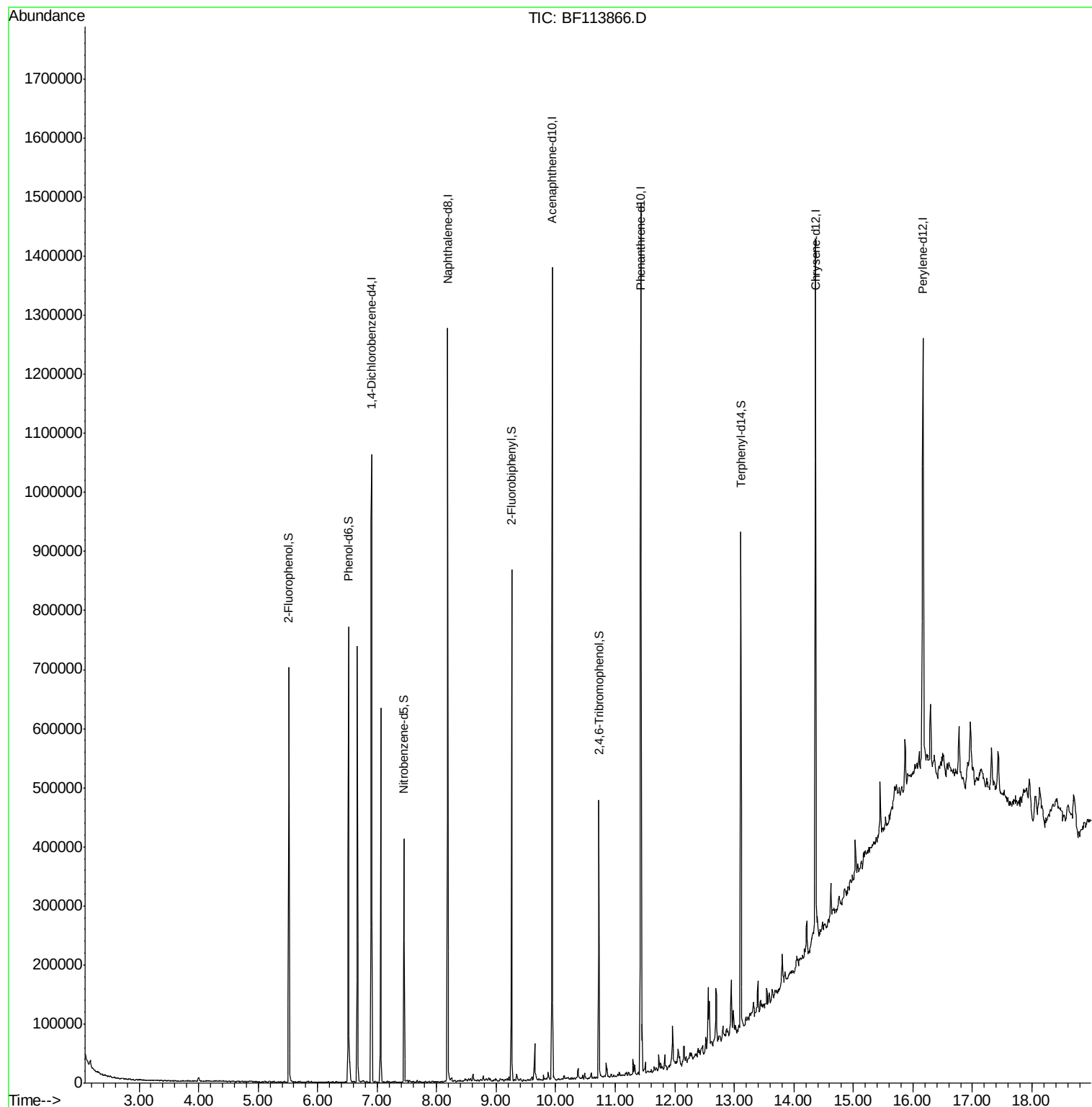
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
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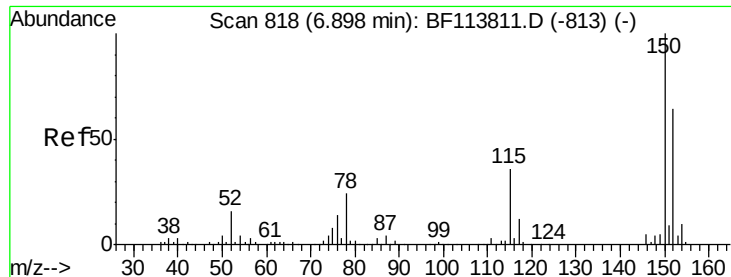
Instrument :
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#1

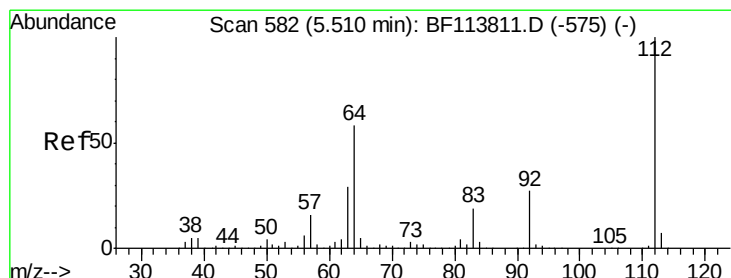
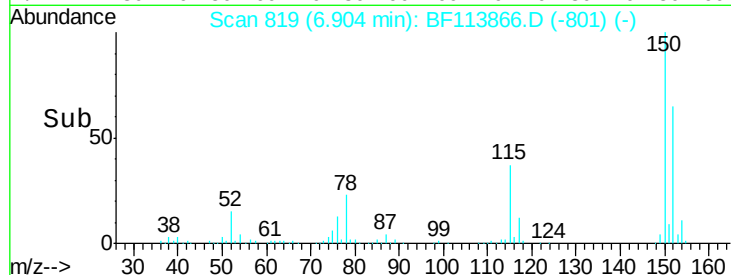
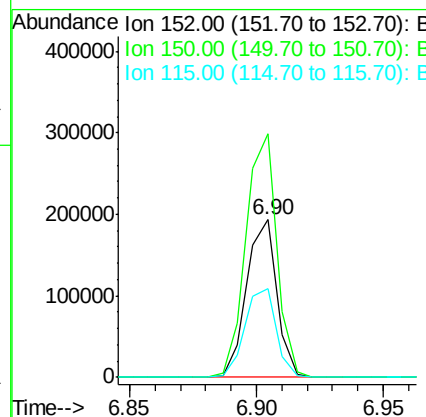
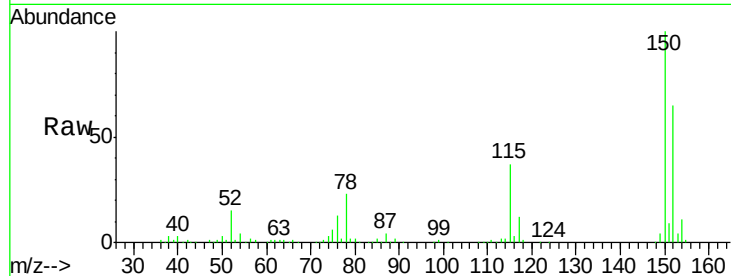
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF113866.D
Acq: 19 Apr 2019 18:39

Instrument :
BNA_F
ClientSampleId :
OK-03-041719

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	160518		
150	154.6	125.9	188.9	
115	56.7	45.9	68.9	

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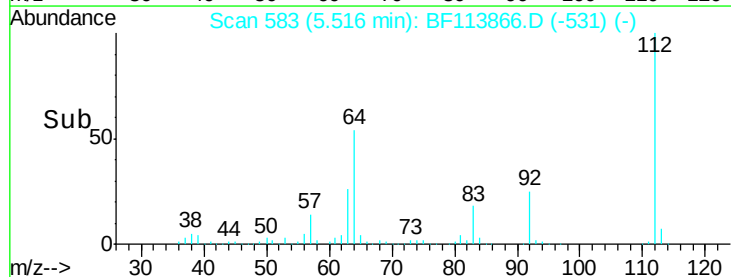
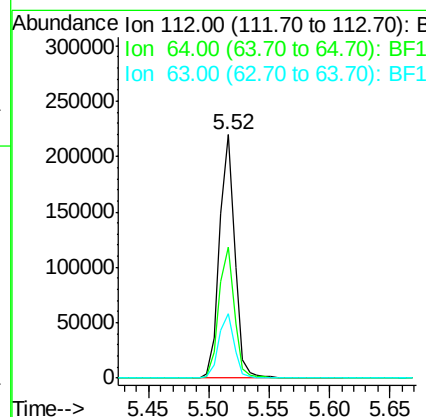
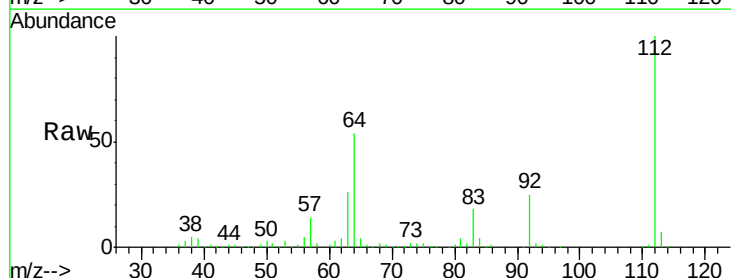
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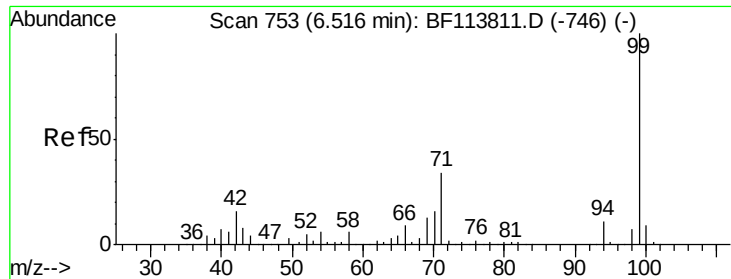


#5

2-Fluorophenol
Concen: 19.707 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.01 min
Lab File: BF113866.D
Acq: 19 Apr 2019 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	190248		
64	53.9	46.6	69.8	
63	26.5	23.1	34.7	





#7

Phenol-d6

Concen: 19.827 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF113866.D

Acq: 19 Apr 2019 18:39

Instrument :

BNA_F

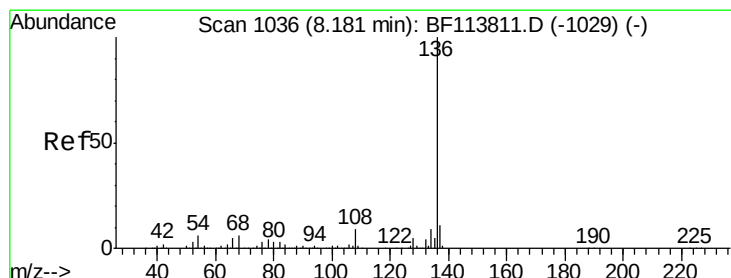
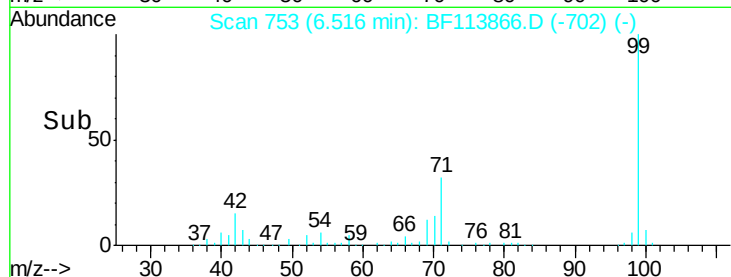
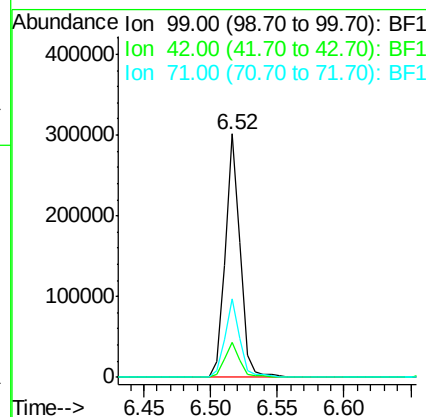
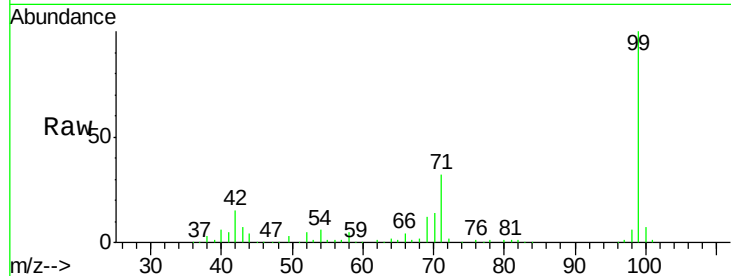
ClientSampleId :

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Tgt Ion	Ratio	Resp	Lower	Upper
99	100	238698		
42	14.6	12.5	18.7	
71	32.4	26.9	40.3	

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#21

Naphthalene-d8

Concen: 20.000 ng

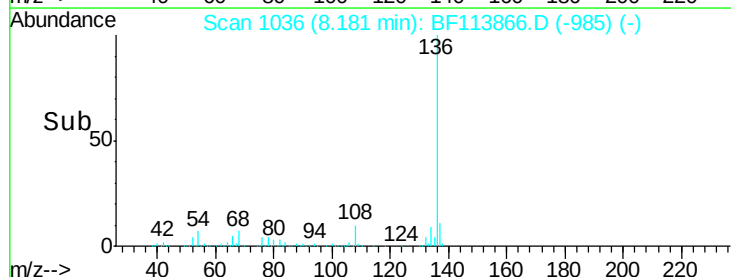
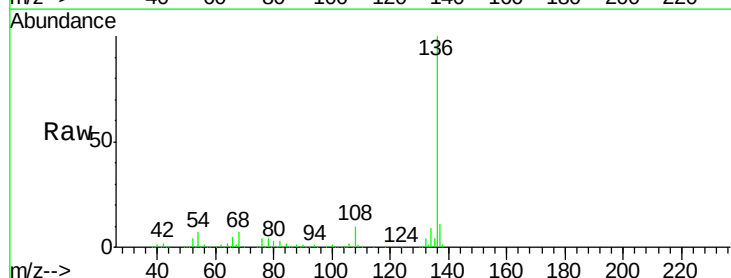
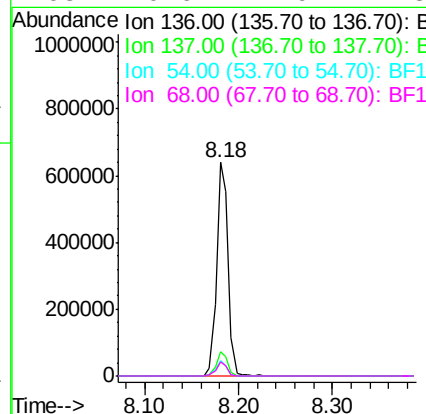
RT: 8.18 min Scan# 1036

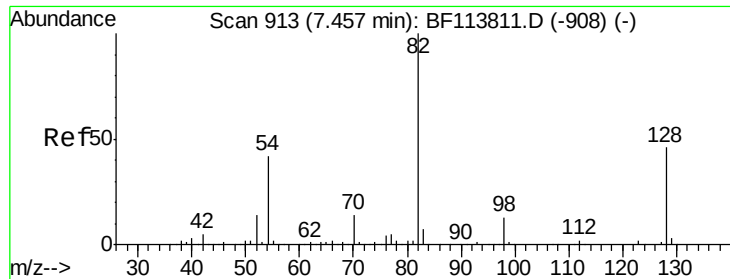
Delta R.T. 0.00 min

Lab File: BF113866.D

Acq: 19 Apr 2019 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	556791		
137	11.4	8.6	12.8	
54	7.0	5.0	7.6	
68	6.6	4.9	7.3	





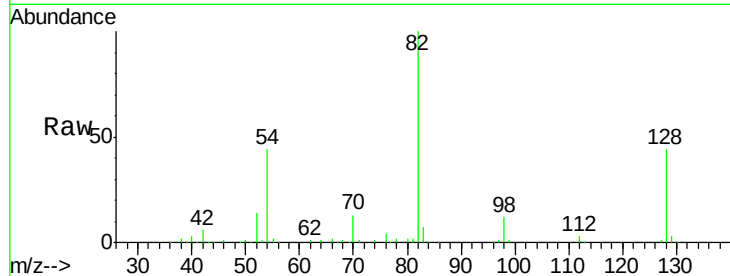
#23
 Nitrobenzene-d5
 Concen: 12.492 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF113866.D
 Acq: 19 Apr 2019 18:39

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-041719

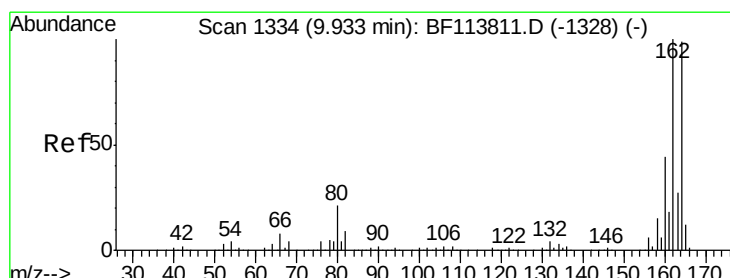
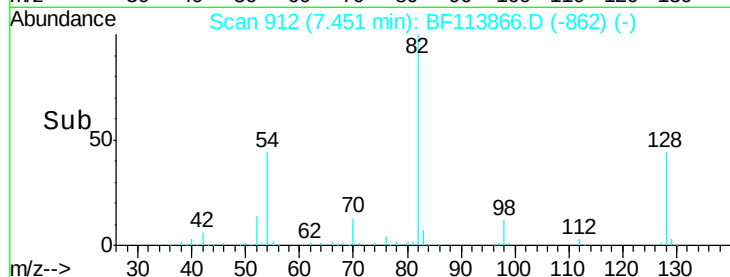
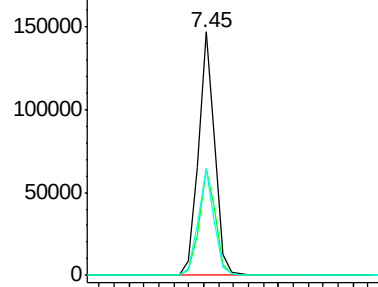
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	114217		
128	44.0	36.8	55.2	
54	43.7	33.8	50.6	

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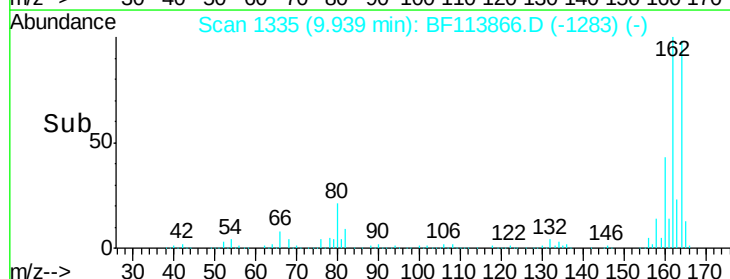
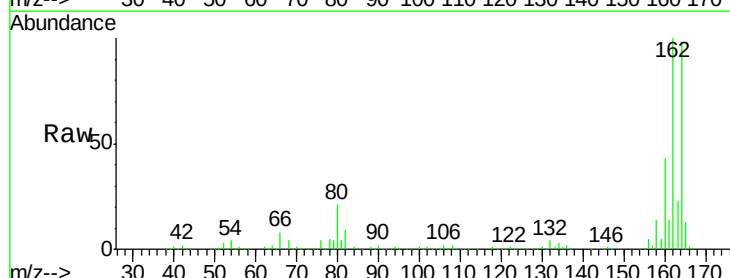
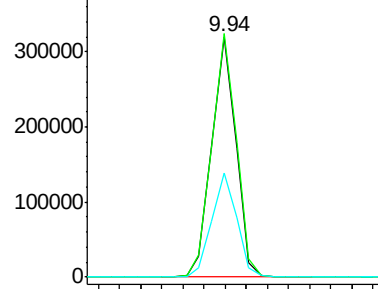
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF1

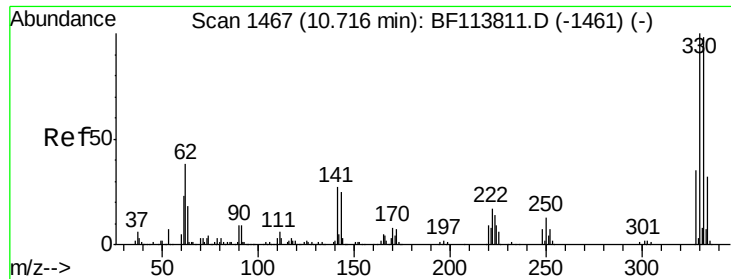


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. 0.01 min
 Lab File: BF113866.D
 Acq: 19 Apr 2019 18:39

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	252892		
162	101.5	81.1	121.7	
160	43.2	35.8	53.6	

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





#42

2,4,6-Tribromophenol

Concen: 19.949 ng

RT: 10.72 min Scan# 1468

Delta R.T. 0.01 min

Lab File: BF113866.D

Acq: 19 Apr 2019 18:39

Instrument :

BNA_F

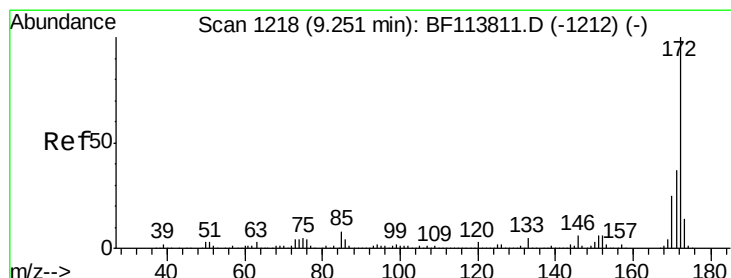
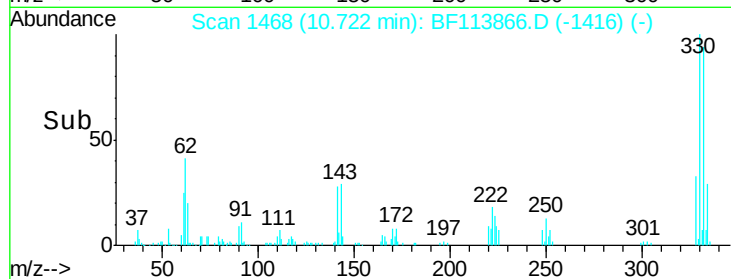
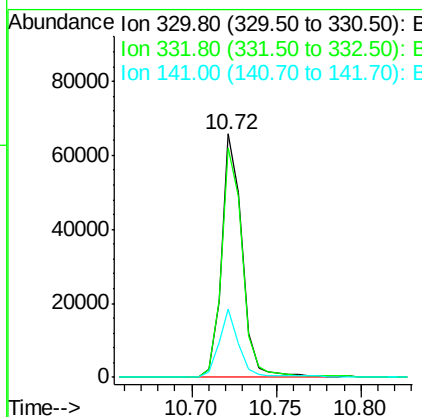
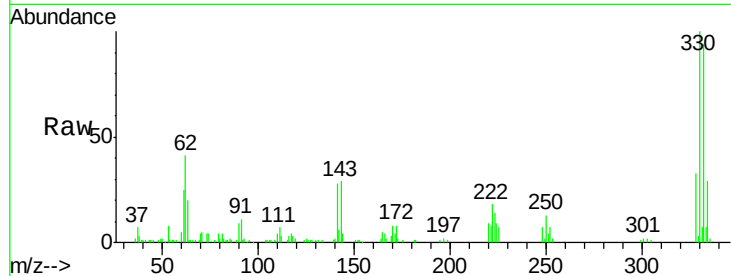
ClientSampleId :

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Tgt Ion:	330	Resp:	55737
Ion Ratio	Lower	Upper	
330	100		
332	97.1	77.5	116.3
141	27.6	22.2	33.2

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#45

2-Fluorobiphenyl

Concen: 14.504 ng

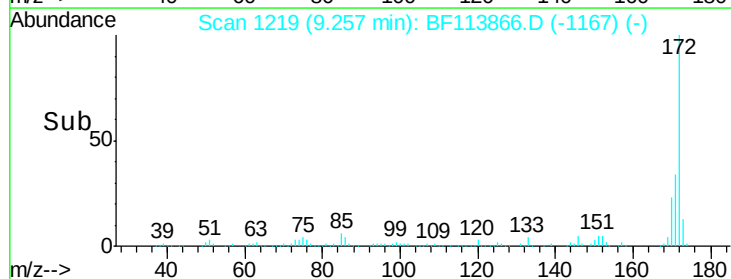
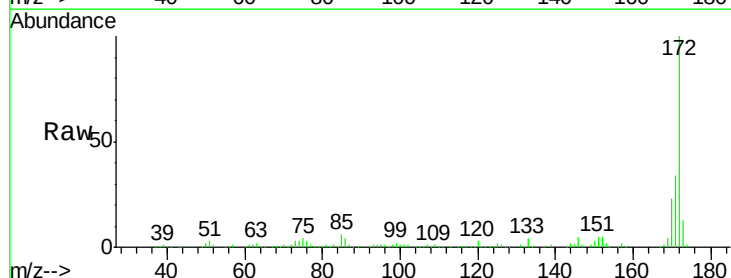
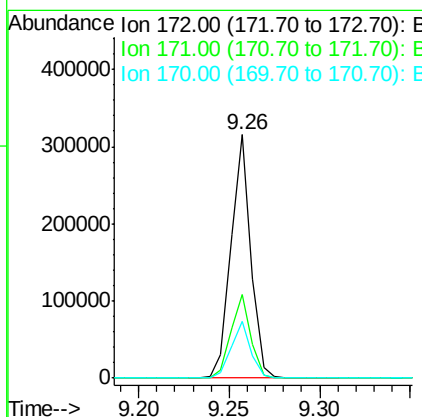
RT: 9.26 min Scan# 1219

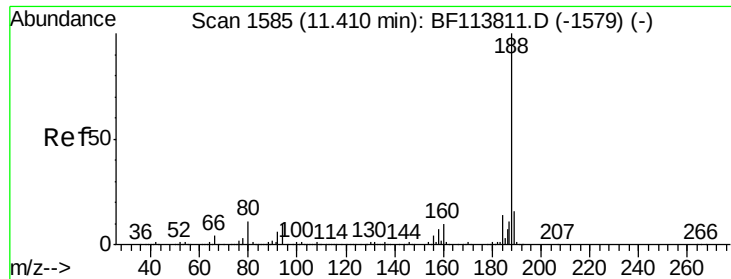
Delta R.T. 0.01 min

Lab File: BF113866.D

Acq: 19 Apr 2019 18:39

Tgt Ion:	172	Resp:	240522
Ion Ratio	Lower	Upper	
172	100		
171	34.2	29.4	44.0
170	23.2	19.9	29.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.43 min Scan# 1588

Delta R.T. 0.02 min

Lab File: BF113866.D

Acq: 19 Apr 2019 18:39

Instrument :

BNA_F

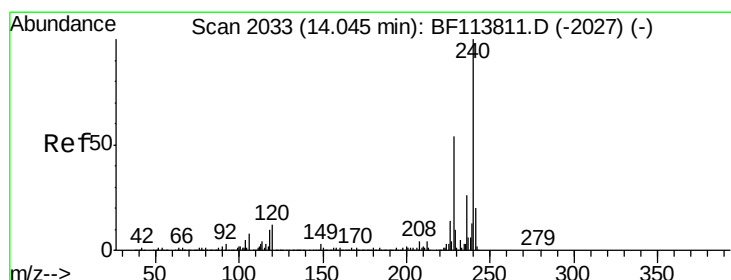
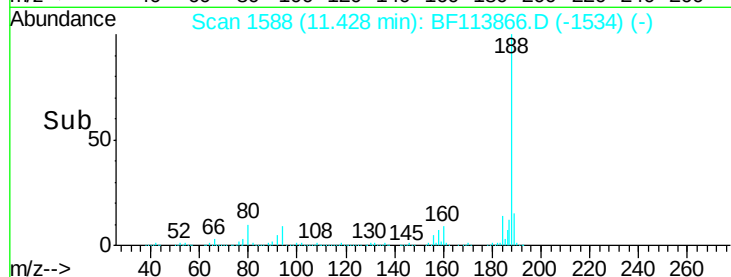
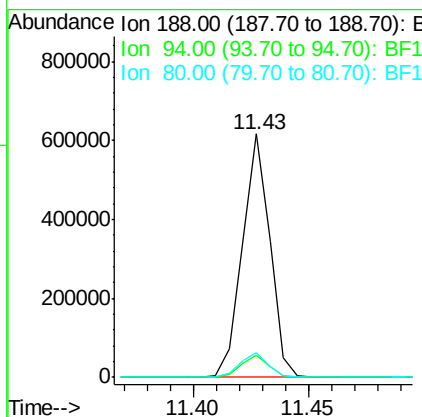
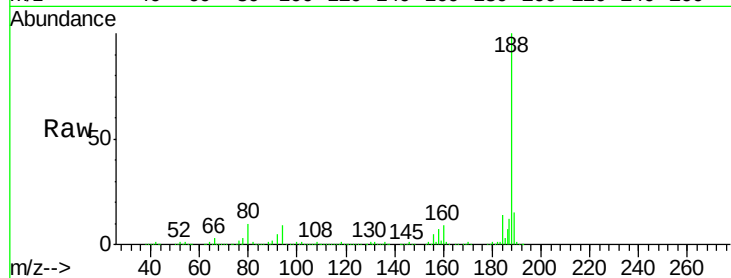
ClientSampleId :

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Tgt Ion:	188	Resp:	513908
Ion Ratio	Lower	Upper	
188	100		
94	9.0	8.2	12.4
80	10.0	9.0	13.6

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#76

Chrysene-d12

Concen: 20.000 ng m

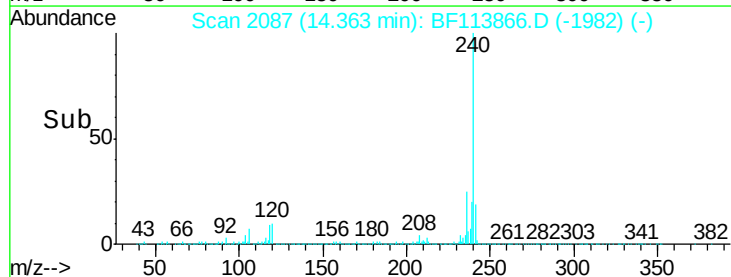
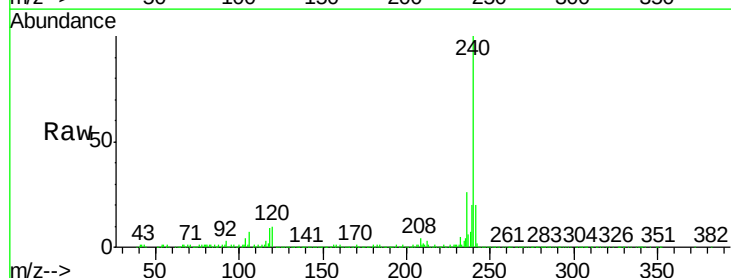
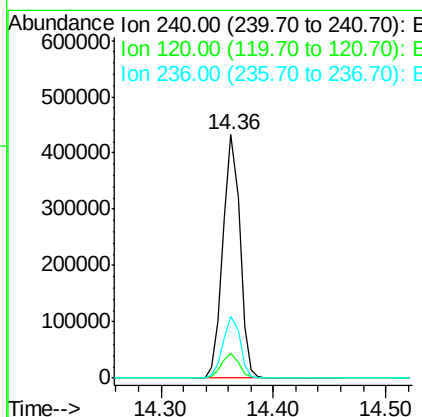
RT: 14.36 min Scan# 2087

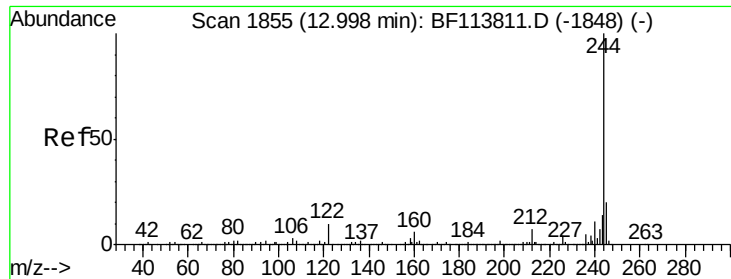
Delta R.T. 0.32 min

Lab File: BF113866.D

Acq: 19 Apr 2019 18:39

Tgt Ion:	240	Resp:	450931
Ion Ratio	Lower	Upper	
240	100		
120	9.9	9.3	13.9
236	25.5	21.2	31.8





#79

Terphenyl-d14

Concen: 14.451 ng

RT: 13.11 min Scan# 1874

Delta R.T. 0.11 min

Lab File: BF113866.D

Acq: 19 Apr 2019 18:39

Instrument :

BNA_F

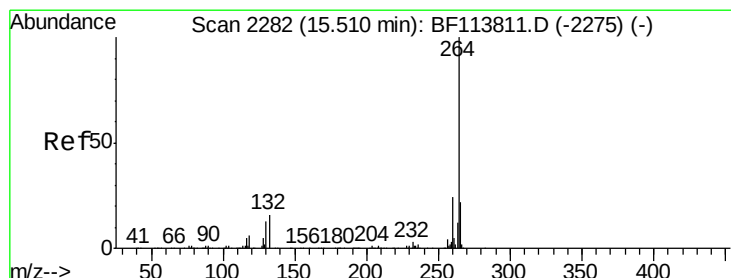
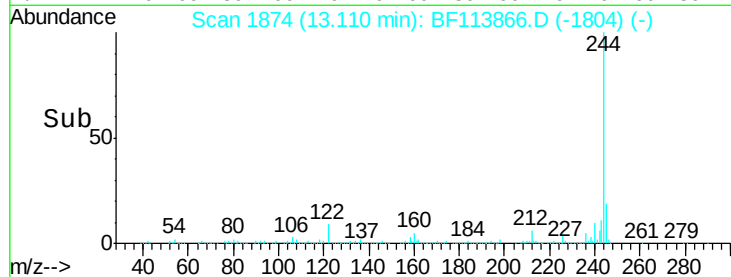
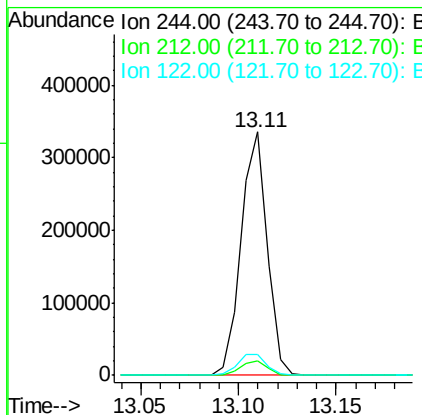
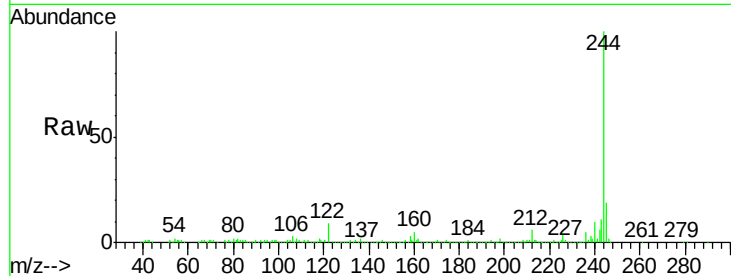
ClientSampleId :

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Tgt Ion:	244	Resp:	310748
Ion Ratio	Lower	Upper	
244	100		
212	6.1	5.4	8.2
122	8.8	7.6	11.4

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#87

Perylene-d12

Concen: 20.000 ng m

RT: 16.17 min Scan# 2394

Delta R.T. 0.66 min

Lab File: BF113866.D

Acq: 19 Apr 2019 18:39

Tgt Ion:	264	Resp:	356025
Ion Ratio	Lower	Upper	
264	100		
260	24.0	18.9	28.3
265	22.1	17.3	25.9

