

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
 Data File : BF113152.D
 Acq On : 20 Mar 2019 4:31
 Operator : JU/SJ
 Sample : K1948-01
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PST-025-B125-031319

Manual Integrations
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Quant Time: Mar 20 07:38:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	162246	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	626471	20.00	ng	-0.01
39) Acenaphthene-d10	9.75	164	228523	20.00	ng	-0.02
64) Phenanthrene-d10	11.23	188	374846	20.00	ng	-0.01
76) Chrysene-d12	13.86	240	295898	20.00	ng	0.00
87) Perylene-d12	15.27	264	228277	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	809031	77.57	ng	0.00
7) Phenol-d6	6.37	99	1070950	81.74	ng	0.00
23) Nitrobenzene-d5	7.28	82	646923	61.79	ng	-0.02
42) 2,4,6-Tribromophenol	10.54	330	203193	83.75	ng	-0.01
45) 2-Fluorobiphenyl	9.08	172	939883	63.81	ng	-0.01
79) Terphenyl-d14	12.82	244	696349	45.62	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.47	163	115770	6.871	ng	99
75) Fluoranthene	12.44	202	73315	3.669	ng	96
78) Pyrene	12.67	202	62047	2.487	ng	97
88) Benzo(b)fluoranthene	14.87	252	39157m	2.652	ng	

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

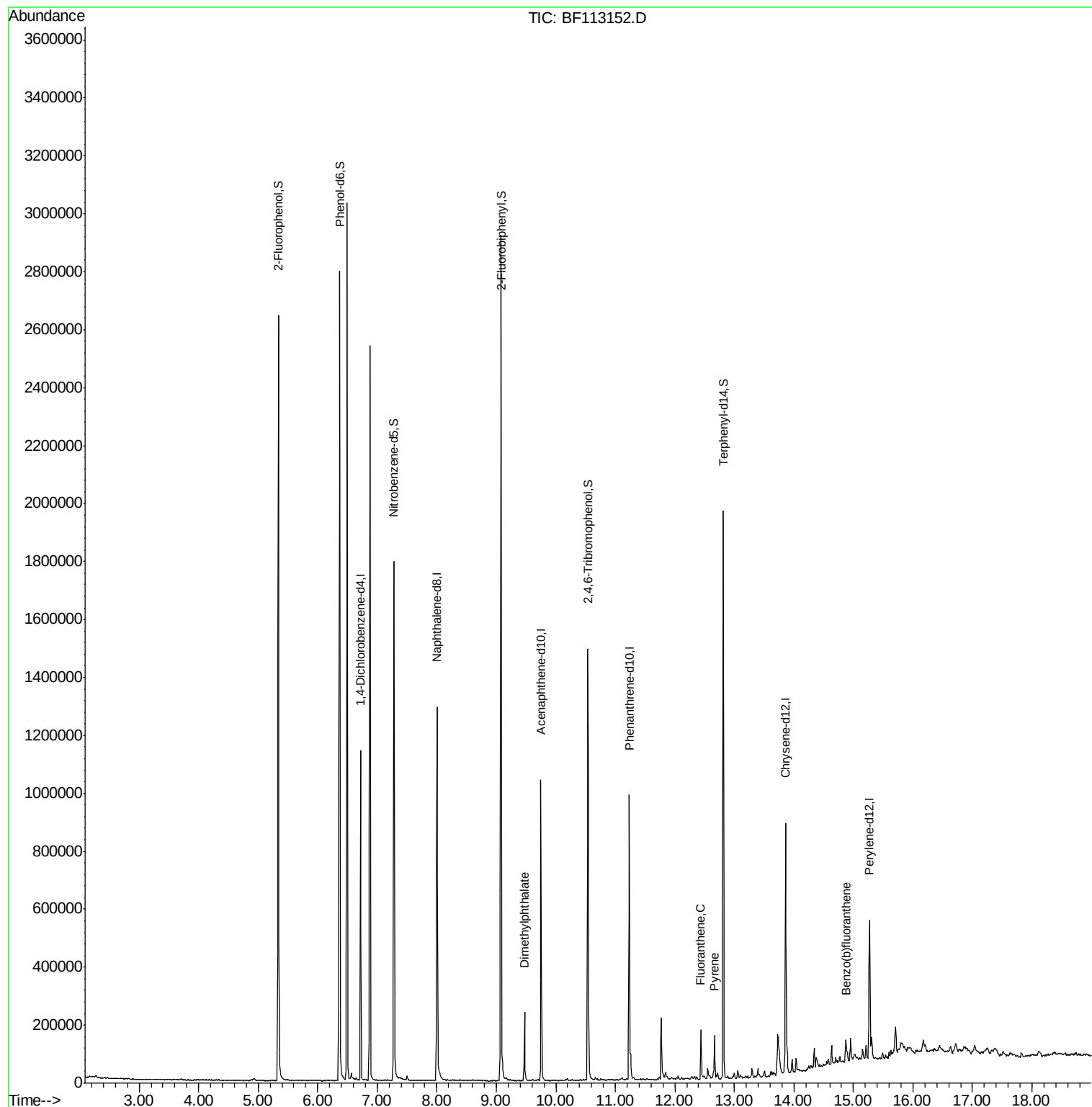
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
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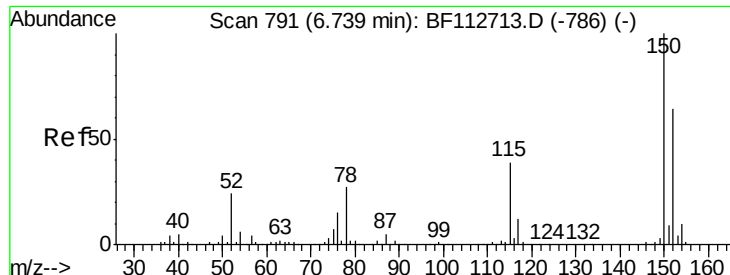
Instrument :
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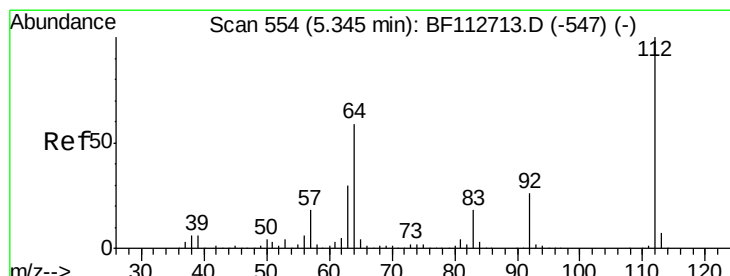
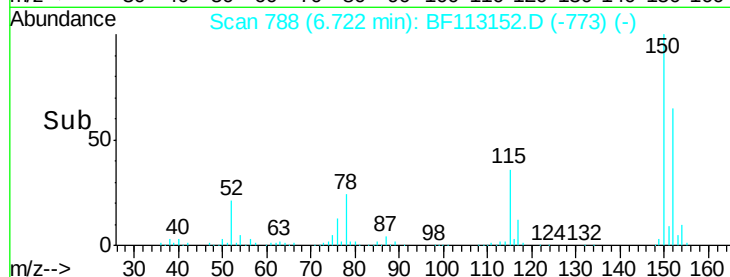
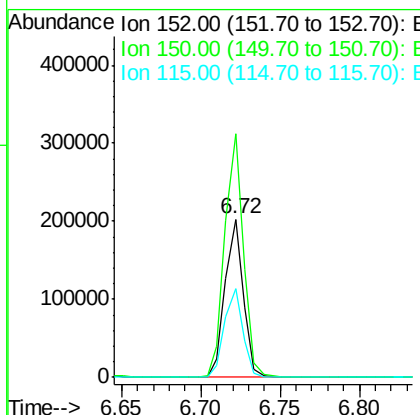
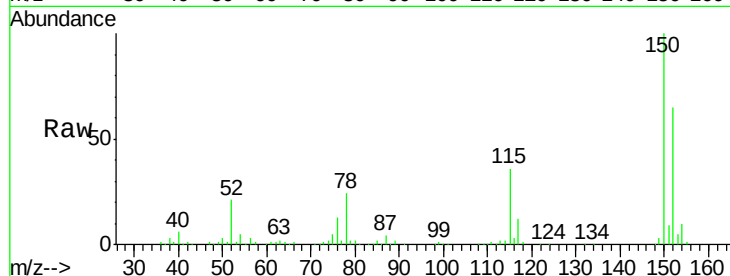
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF113152.D
 Acq: 20 Mar 2019 4:31

Instrument :
 BNA_F
 ClientSampleId :
 PST-025-B125-031319

Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.0	124.2	186.2
115	55.9	48.2	72.4

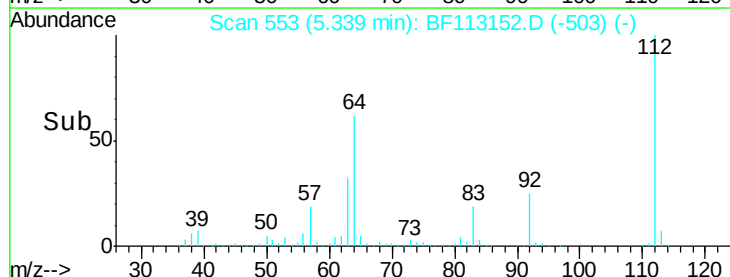
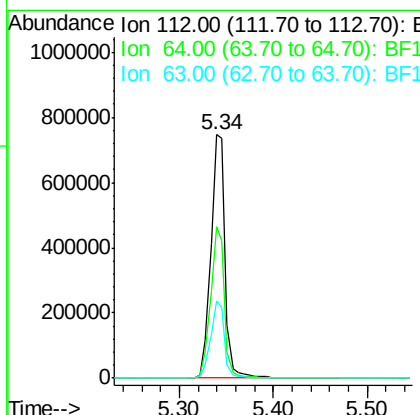
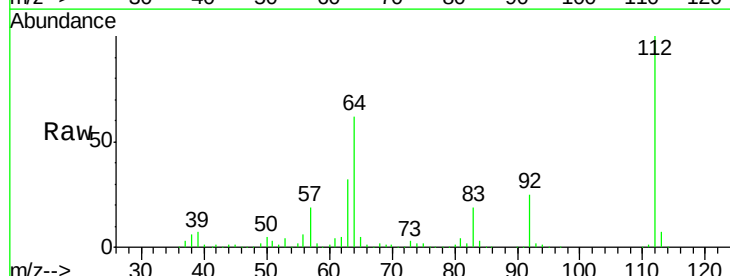
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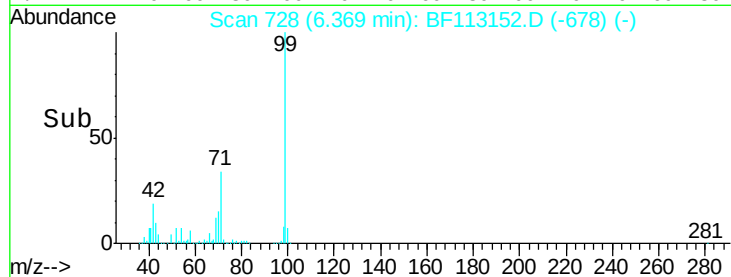
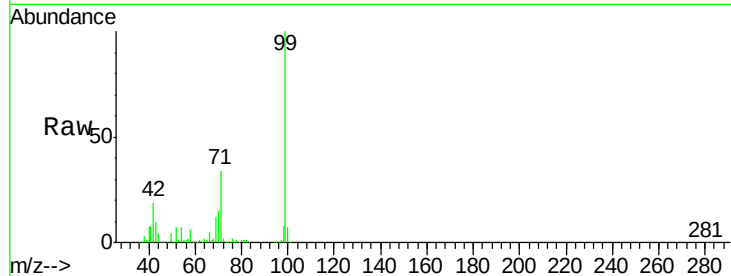
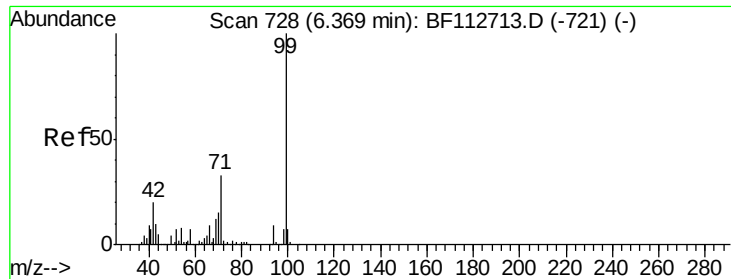
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#5
 2-Fluorophenol
 Concen: 77.566 ng
 RT: 5.34 min Scan# 553
 Delta R.T. -0.01 min
 Lab File: BF113152.D
 Acq: 20 Mar 2019 4:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.4	47.6	71.4
63	31.9	24.4	36.6





#7

Phenol-d6

Concen: 81.739 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF113152.D

Acq: 20 Mar 2019 4:31

Tgt Ion:	99	Resp:	1070950
Ion	Ratio	Lower	Upper
99	100		
42	19.2	16.3	24.5
71	33.5	26.2	39.4

Instrument :

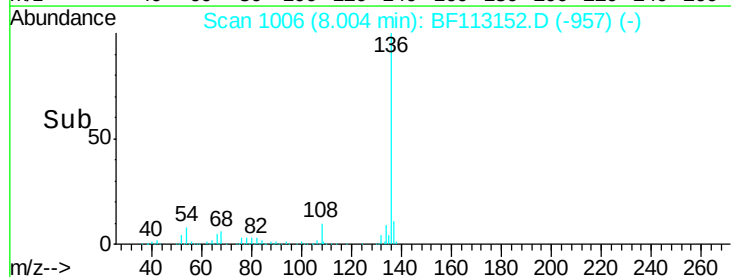
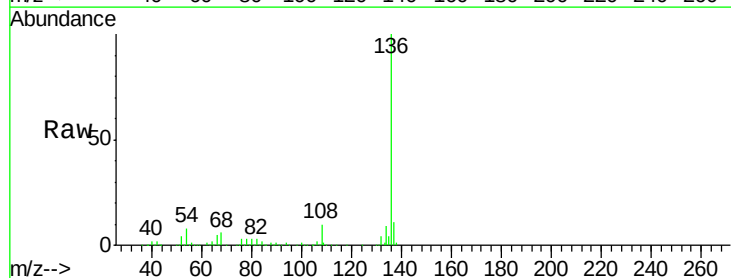
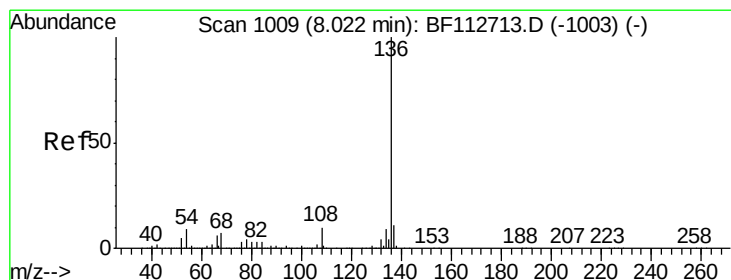
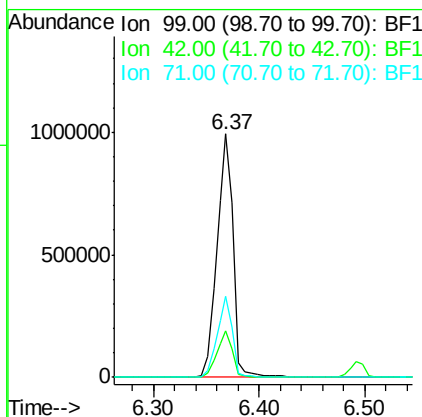
BNA_F

ClientSampleId :

PST-025-B125-031319

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#21

Naphthalene-d8

Concen: 20.000 ng

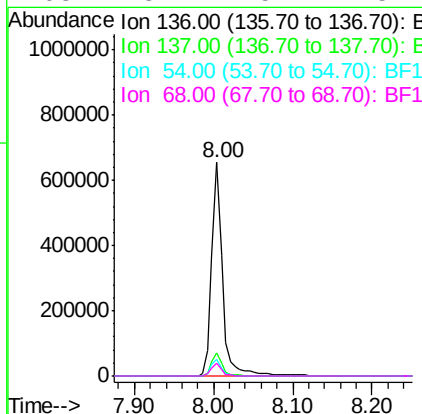
RT: 8.00 min Scan# 1006

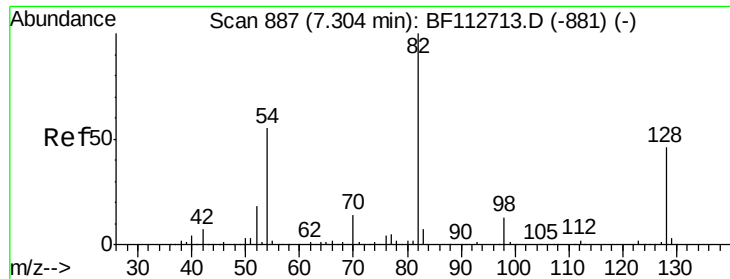
Delta R.T. -0.01 min

Lab File: BF113152.D

Acq: 20 Mar 2019 4:31

Tgt Ion:	136	Resp:	626471
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.7	7.3	10.9
68	5.7	5.4	8.2





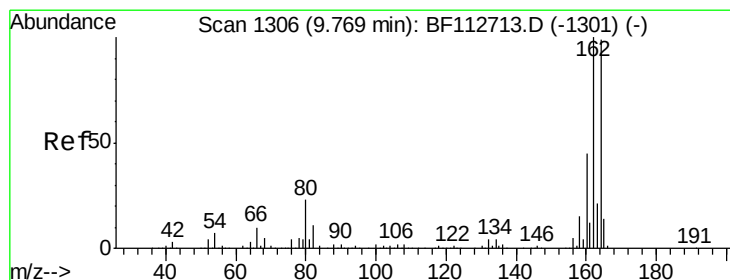
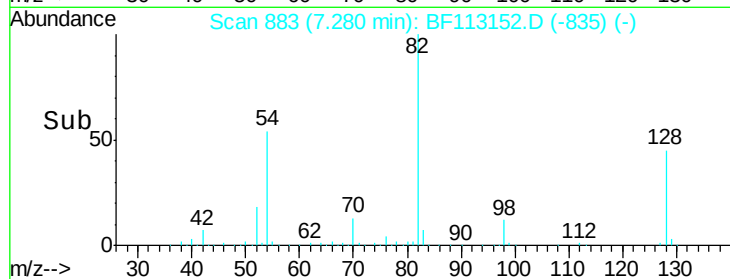
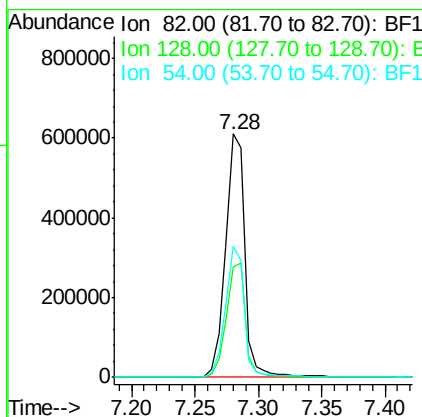
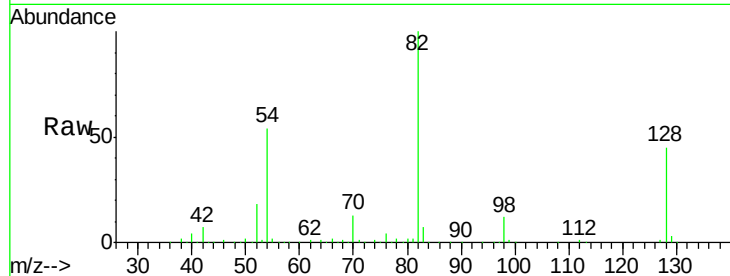
#23
Nitrobenzene-d5
Concen: 61.791 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF113152.D
Acq: 20 Mar 2019 4:31

Instrument :
BNA_F
ClientSampleId :
PST-025-B125-031319

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.2	36.3	54.5
54	53.9	43.7	65.5

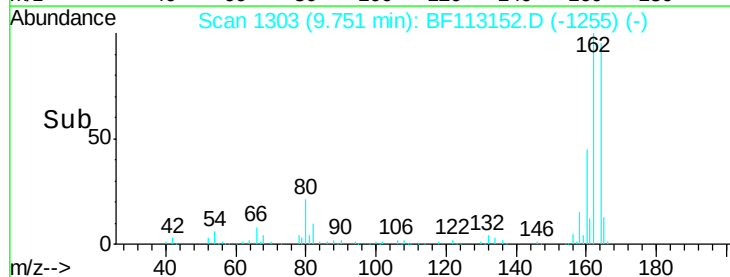
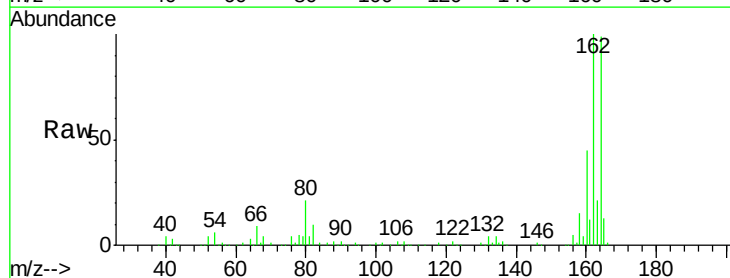
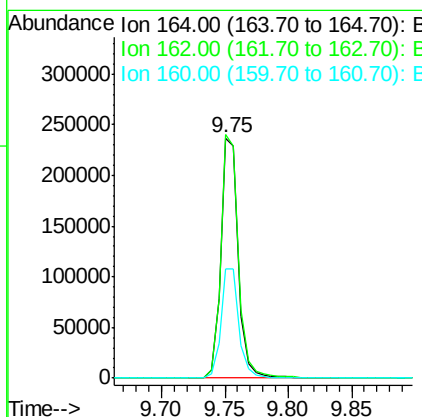
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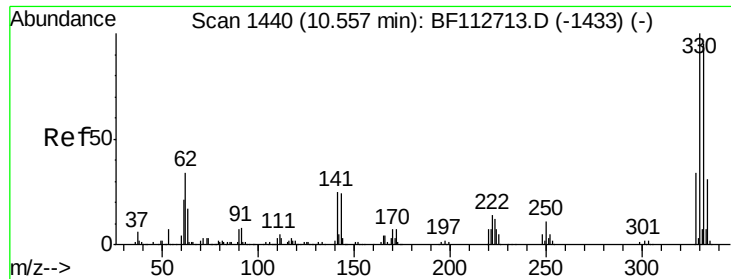
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BF113152.D
Acq: 20 Mar 2019 4:31

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.3	80.6	120.8
160	45.6	36.0	54.0





#42

2,4,6-Tribromophenol

Concen: 83.754 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF113152.D

Acq: 20 Mar 2019 4:31

Instrument :

BNA_F

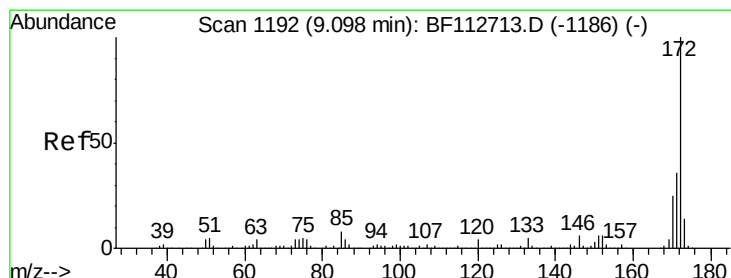
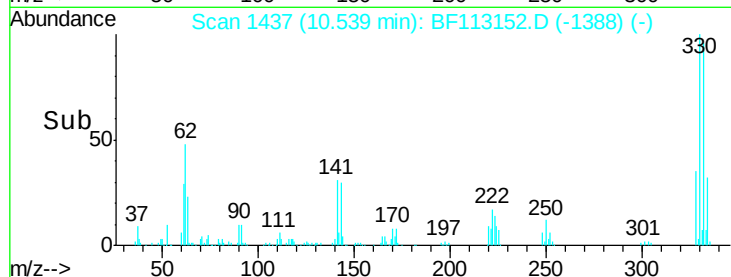
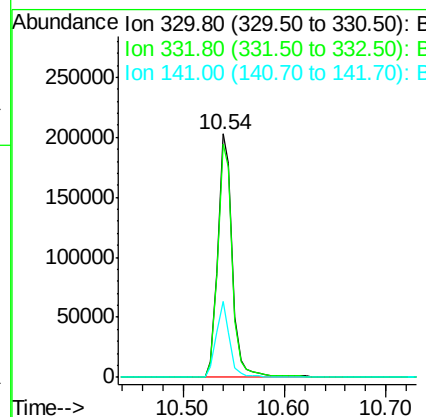
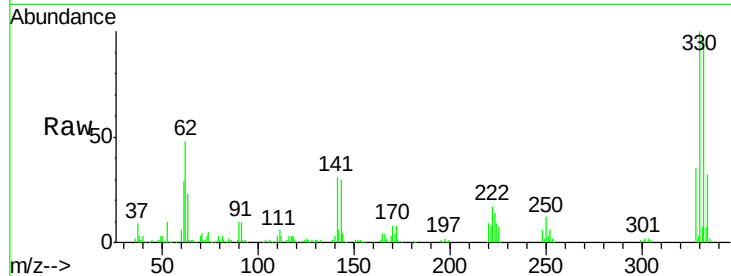
ClientSampleId :

PST-025-B125-031319

Tgt Ion:	330	Resp:	203193
Ion Ratio	Lower	Upper	
330	100		
332	96.5	76.2	114.4
141	29.1	27.0	40.6

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#45

2-Fluorobiphenyl

Concen: 63.808 ng

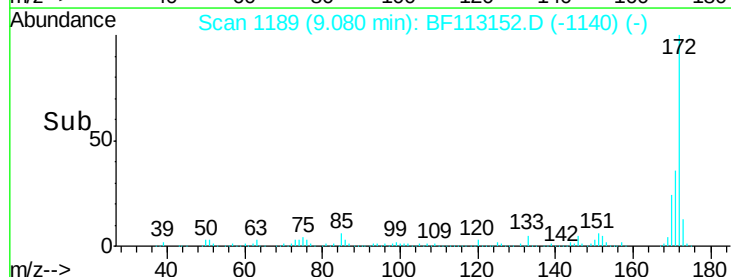
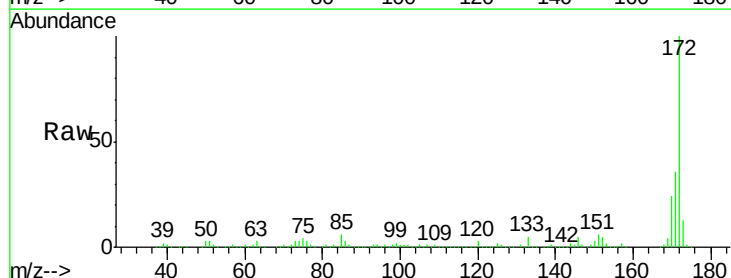
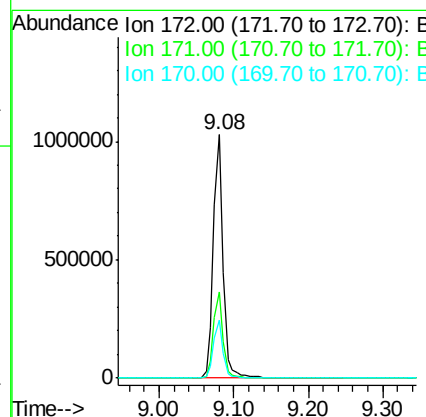
RT: 9.08 min Scan# 1189

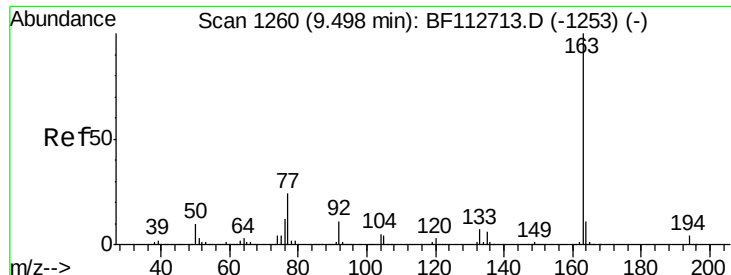
Delta R.T. -0.01 min

Lab File: BF113152.D

Acq: 20 Mar 2019 4:31

Tgt Ion:	172	Resp:	939883
Ion Ratio	Lower	Upper	
172	100		
171	35.5	29.0	43.4
170	24.0	20.0	30.0





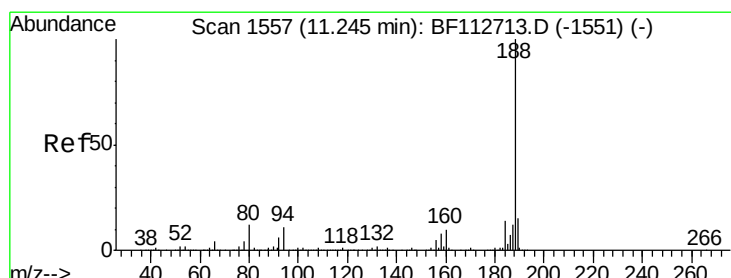
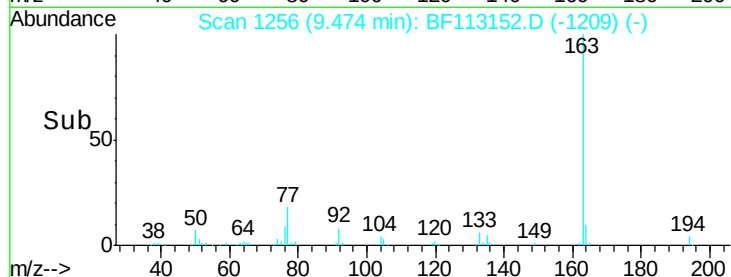
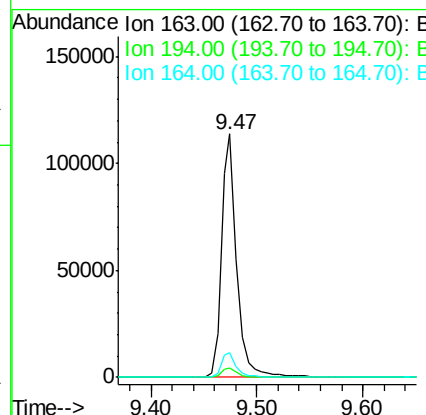
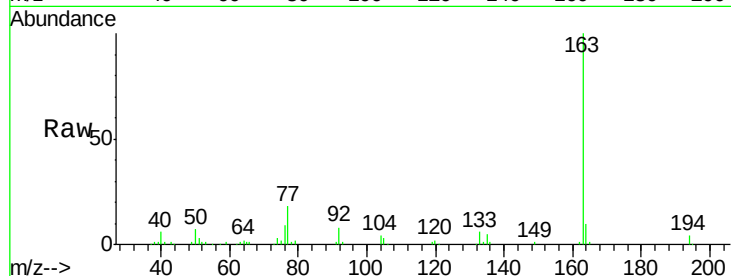
#50
Dimethylphthalate
Concen: 6.871 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF113152.D
Acq: 20 Mar 2019 4:31

Instrument :
BNA_F
ClientSampleId :
PST-025-B125-031319

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	115770		
194	3.9	3.0	4.4	
164	10.1	8.4	12.6	

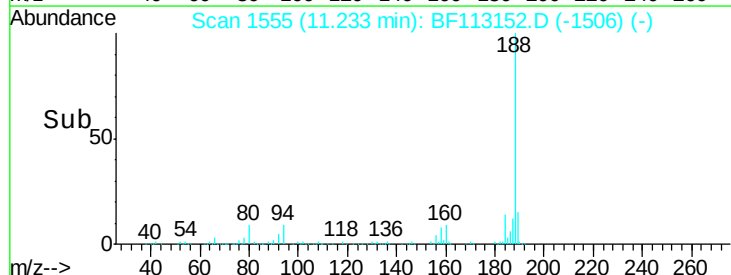
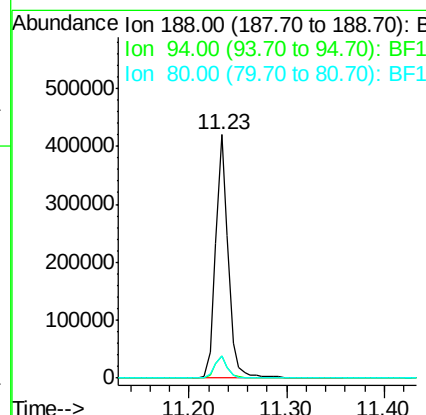
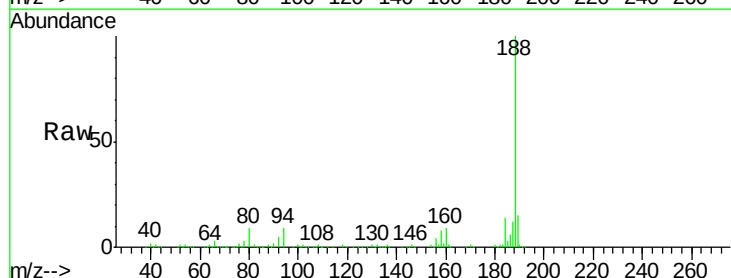
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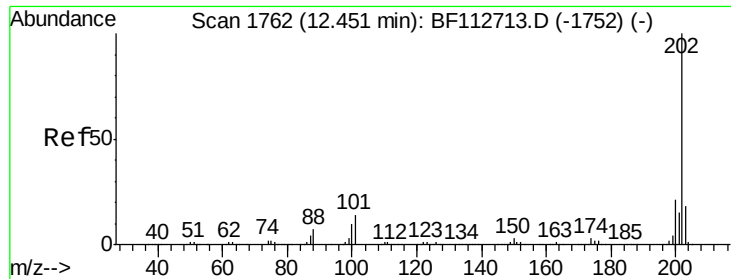
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF113152.D
Acq: 20 Mar 2019 4:31

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	374846		
94	9.2	9.0	13.4	
80	9.3	9.2	13.8	





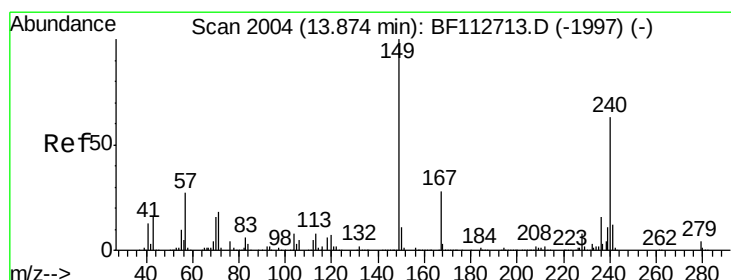
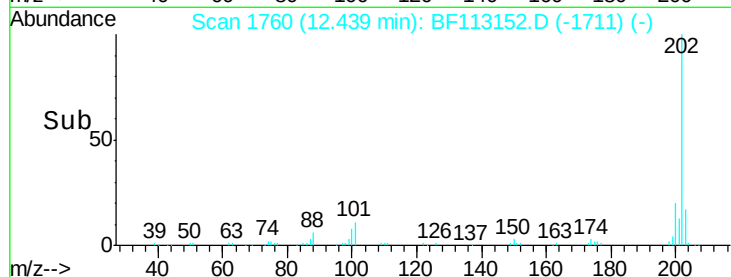
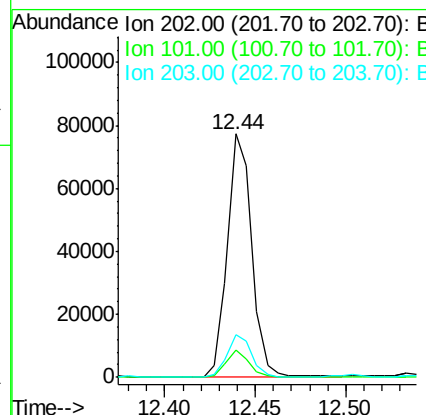
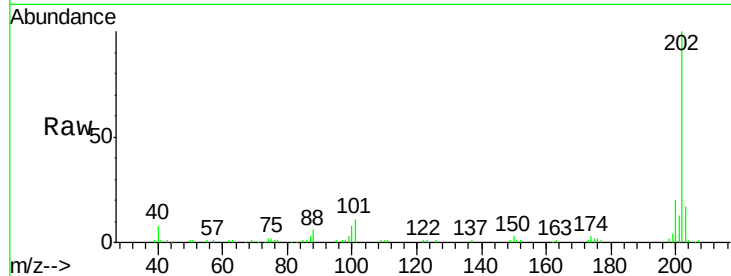
#75
Fluoranthene
Concen: 3.669 ng
RT: 12.44 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BF113152.D
Acq: 20 Mar 2019 4:31

Instrument :
BNA_F
ClientSampleId :
PST-025-B125-031319

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	11.0	0.0	33.8
203	17.4	0.0	38.4

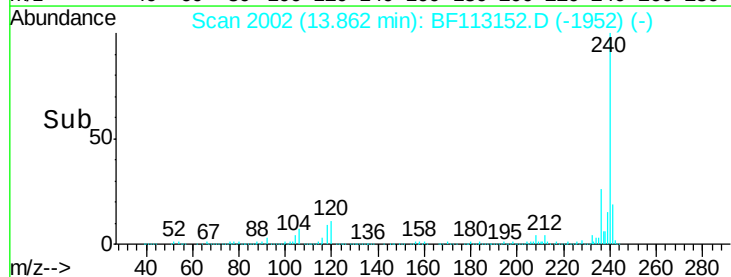
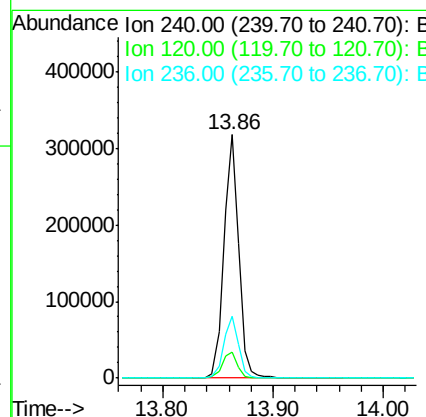
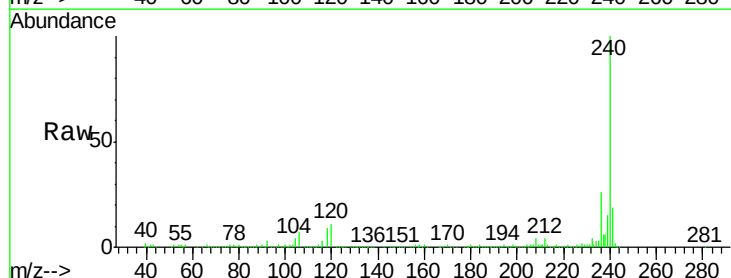
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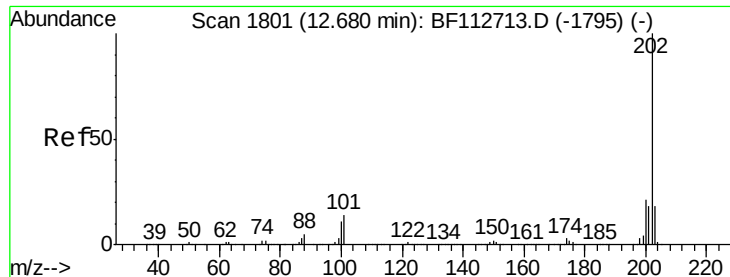
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF113152.D
Acq: 20 Mar 2019 4:31

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	10.8	8.9	13.3
236	25.6	20.7	31.1





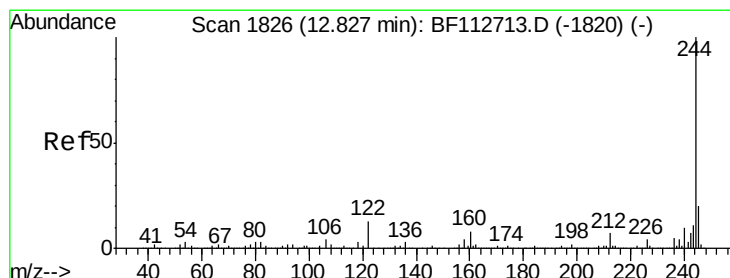
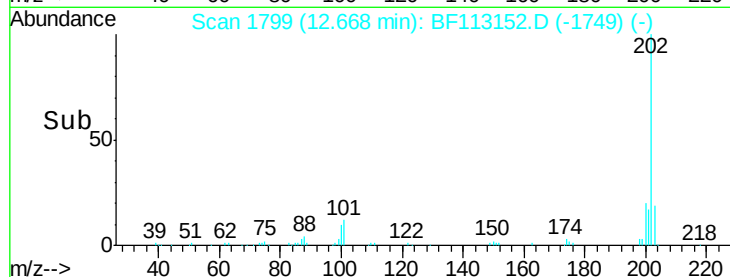
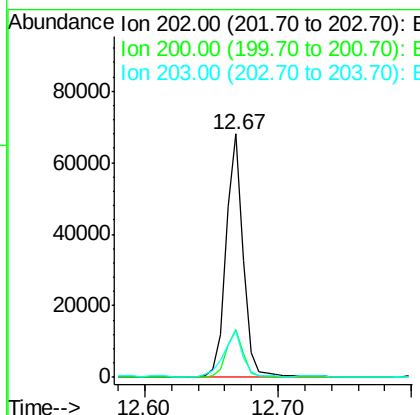
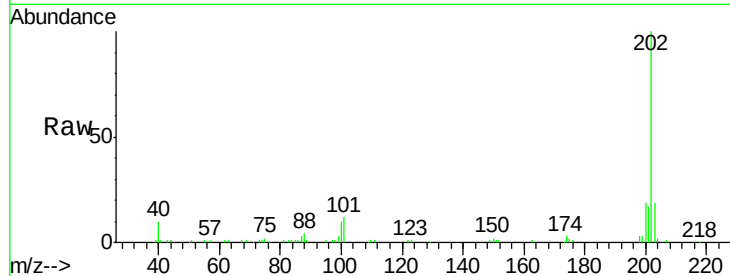
#78
 Pyrene
 Concen: 2.487 ng
 RT: 12.67 min Scan# 1799
 Delta R.T. -0.01 min
 Lab File: BF113152.D
 Acq: 20 Mar 2019 4:31

Instrument :
 BNA_F
 ClientSampleId :
 PST-025-B125-031319

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.5	17.0	25.4
203	19.0	14.4	21.6

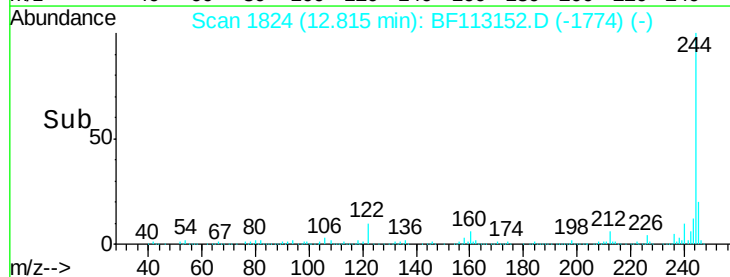
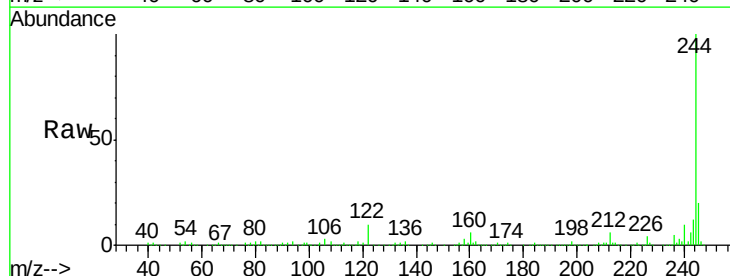
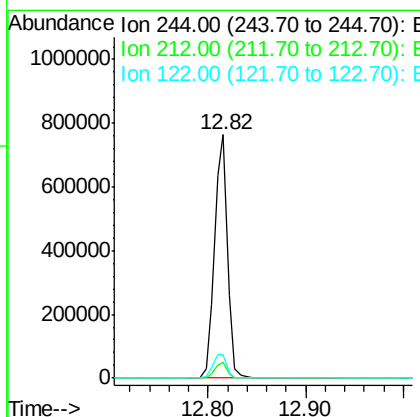
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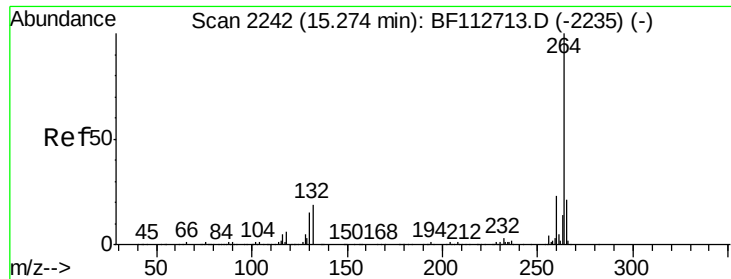
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#79
 Terphenyl-d14
 Concen: 45.619 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.01 min
 Lab File: BF113152.D
 Acq: 20 Mar 2019 4:31

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.6	8.4
122	9.7	10.5	15.7#





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.27 min Scan# 2241

Delta R.T. -0.01 min

Lab File: BF113152.D

Acq: 20 Mar 2019 4:31

Instrument :

BNA_F

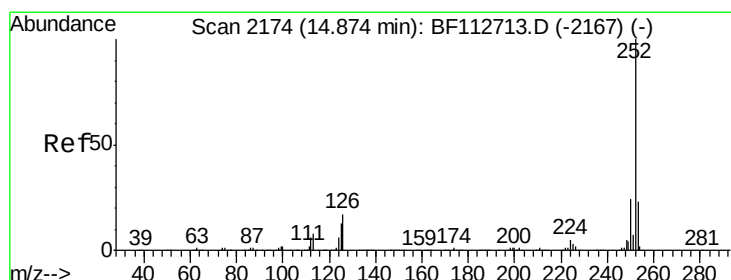
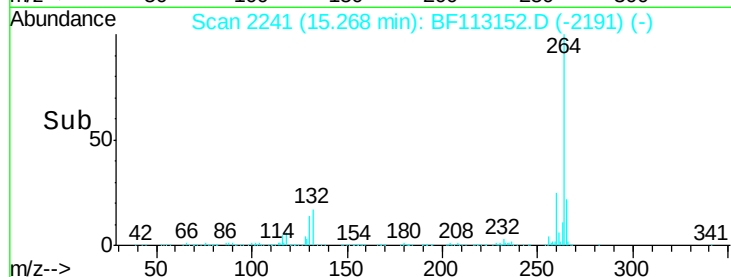
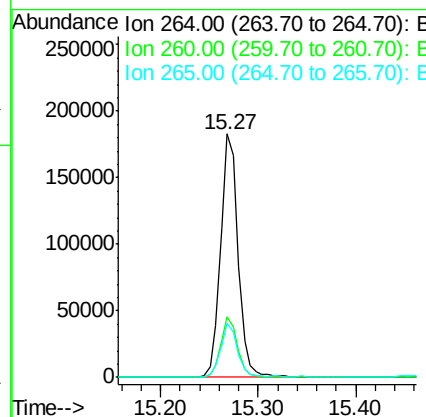
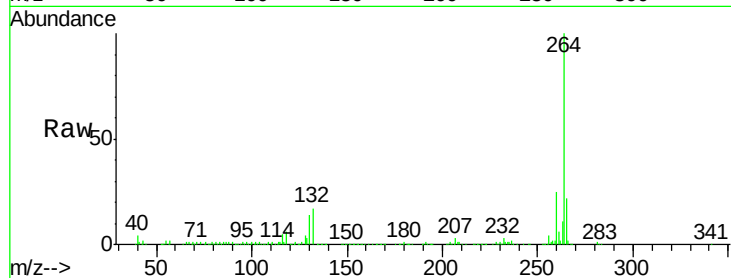
ClientSampleId :

PST-025-B125-031319

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.7	28.1
265	22.5	17.2	25.8

Manual Integrations
APPROVED

Sohil
3/20/2019 6:51:31 PM



#88

Benzo(b)fluoranthene

Concen: 2.652 ng m

RT: 14.87 min Scan# 2174

Delta R.T. -0.00 min

Lab File: BF113152.D

Acq: 20 Mar 2019 4:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	18.0	27.0
125	11.7	10.2	15.2

