

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
 Data File : BF113171.D
 Acq On : 20 Mar 2019 15:13
 Operator : JU/SJ
 Sample : K1984-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-11(6-7)

Manual Integrations
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Sohil
 3/21/2019 6:36:16 PM

Quant Time: Mar 21 13:56:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 21 12:13:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	133962	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	495494	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	196366	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	378918	20.00	ng	0.00
76) Chrysene-d12	13.87	240	302705	20.00	ng	0.00
87) Perylene-d12	15.28	264	323726	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	673576	78.21	ng	0.00
7) Phenol-d6	6.37	99	840082	77.66	ng	0.00
23) Nitrobenzene-d5	7.28	82	486919	58.80	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	217564	104.36	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	684408	52.12	ng	0.00
79) Terphenyl-d14	12.82	244	619299	39.66	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.47	163	85735	5.921	ng	# 94
71) Phenanthrene	11.26	178	80406	4.265	ng	# 90
75) Fluoranthene	12.45	202	104157	5.157	ng	98
78) Pyrene	12.67	202	100452	3.936	ng	97
88) Benzo(b)fluoranthene	14.88	252	53216m	2.541	ng	

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

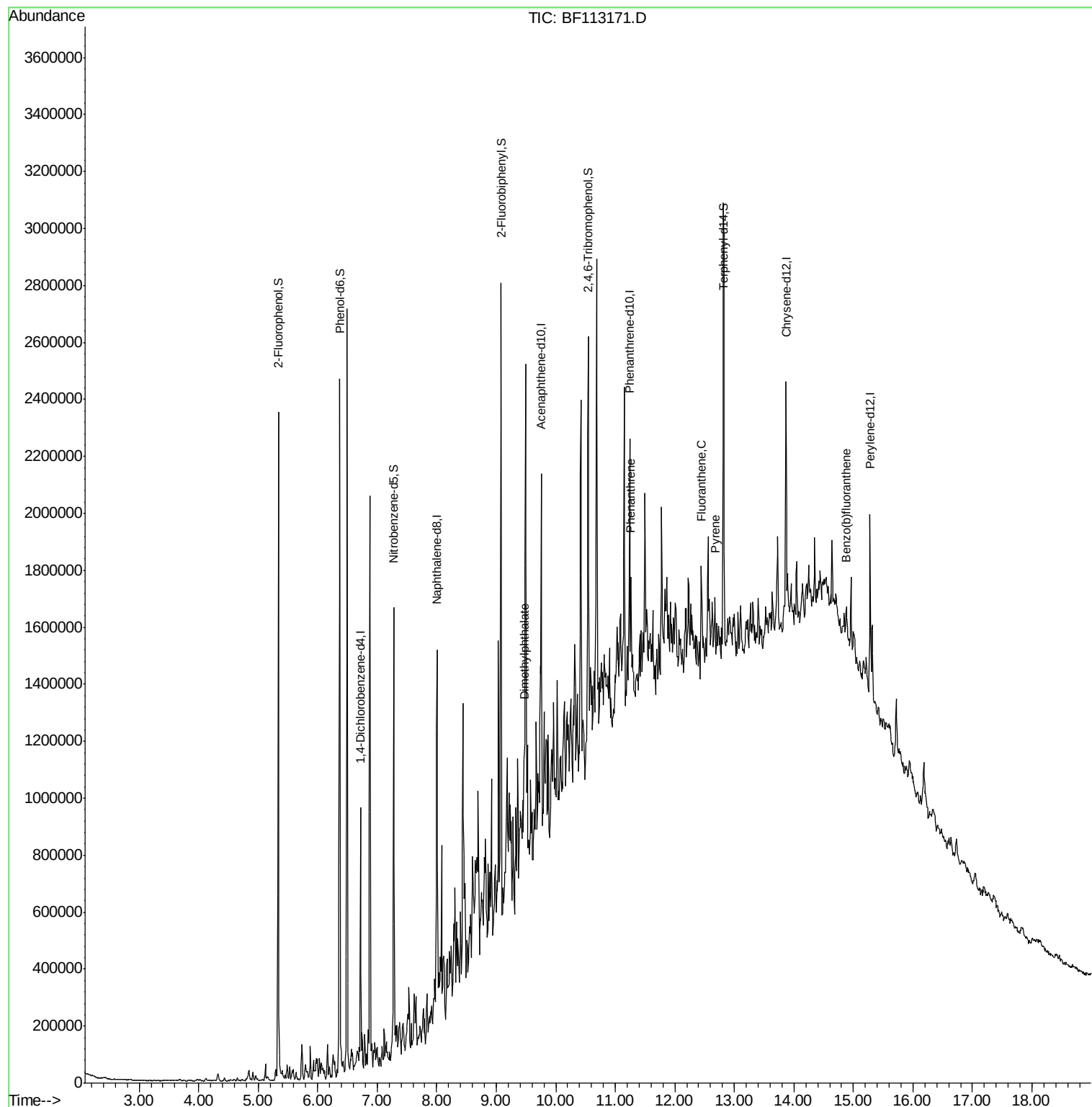
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
Data File : BF113171.D
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ALS Vial : 10 Sample Multiplier: 1

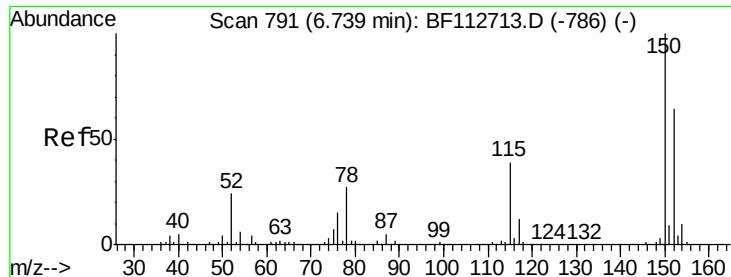
Instrument :
BNA_F
ClientSampleId :
SB-11(6-7)

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
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#1

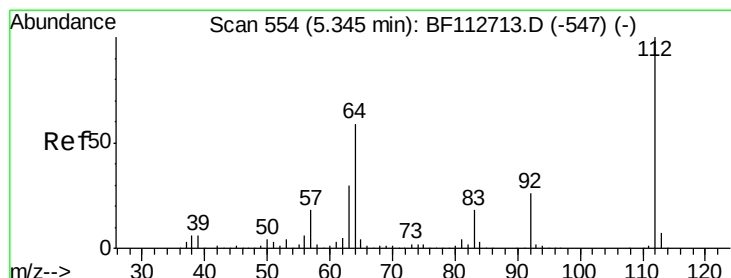
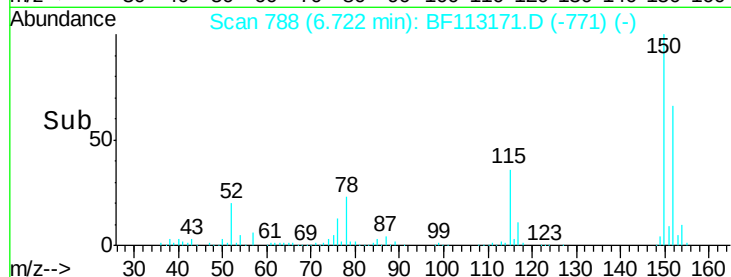
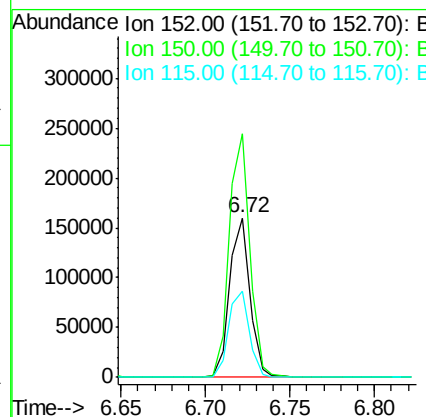
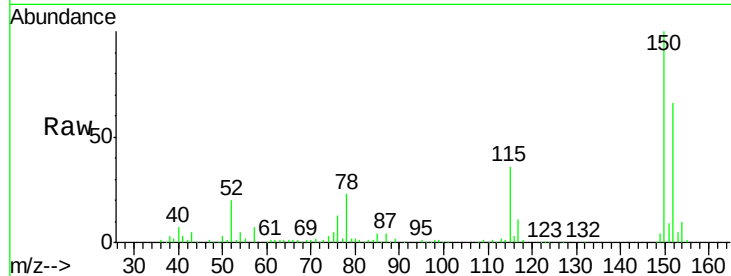
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF113171.D
Acq: 20 Mar 2019 15:13

Instrument :
BNA_F
ClientSampleId :
SB-11(6-7)

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	133962		
150	152.4	123.0	184.6	
115	54.3	45.9	68.9	

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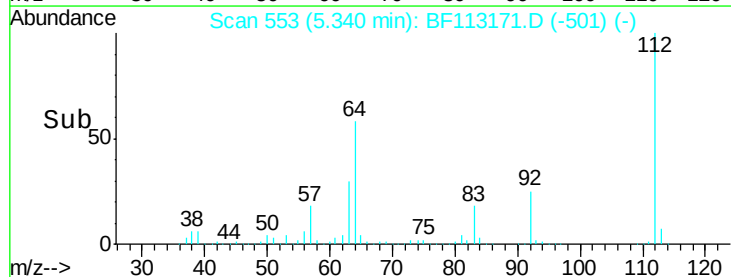
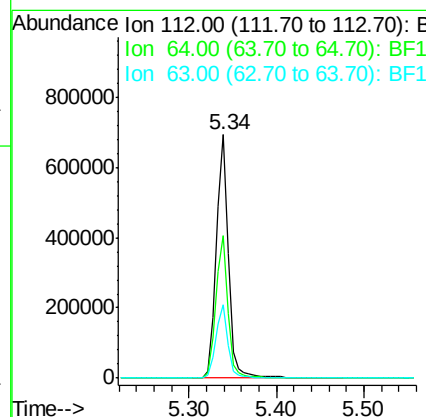
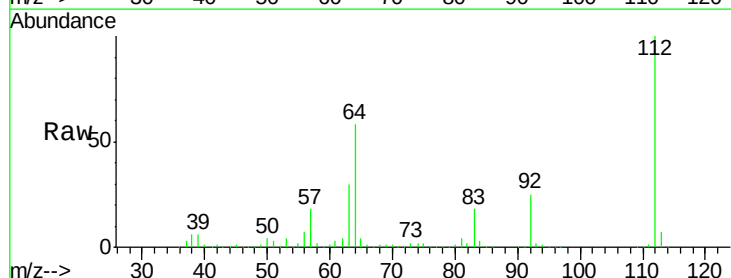
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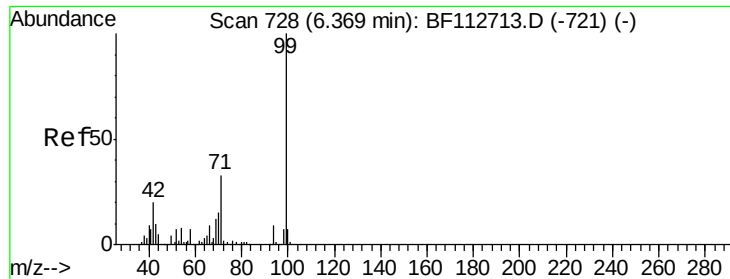


#5

2-Fluorophenol
Concen: 78.215 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF113171.D
Acq: 20 Mar 2019 15:13

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	673576		
64	58.4	49.3	73.9	
63	30.2	25.4	38.2	





#7

Phenol-d6

Concen: 77.656 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF113171.D

Acq: 20 Mar 2019 15:13

Instrument :

BNA_F

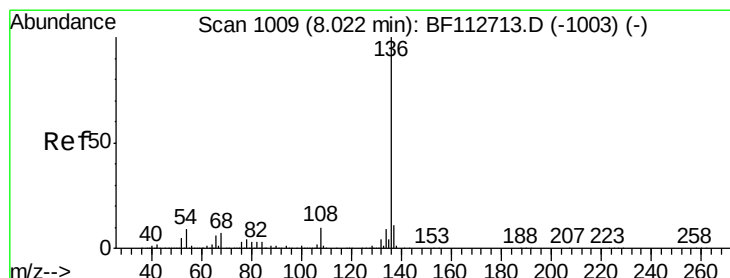
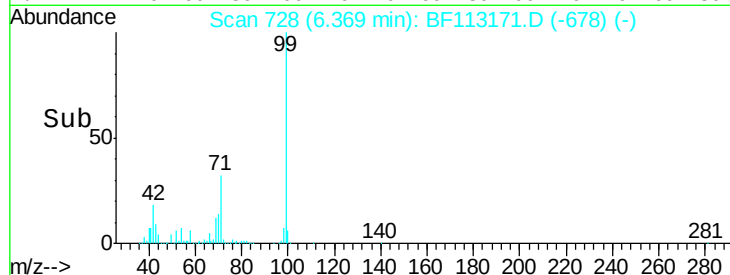
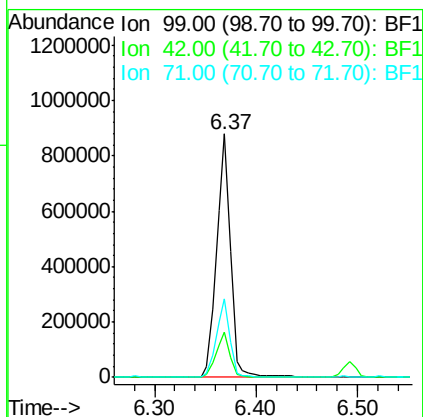
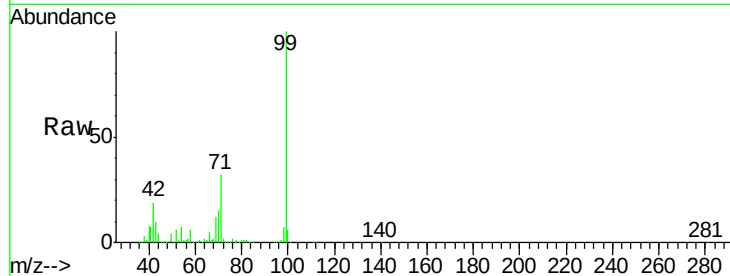
ClientSampleId :

SB-11(6-7)

Tgt Ion:	99	Resp:	840082
Ion	Ratio	Lower	Upper
99	100		
42	18.6	15.2	22.8
71	32.5	25.7	38.5

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#21

Naphthalene-d8

Concen: 20.000 ng

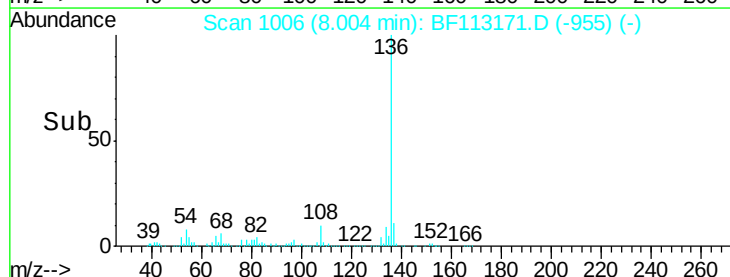
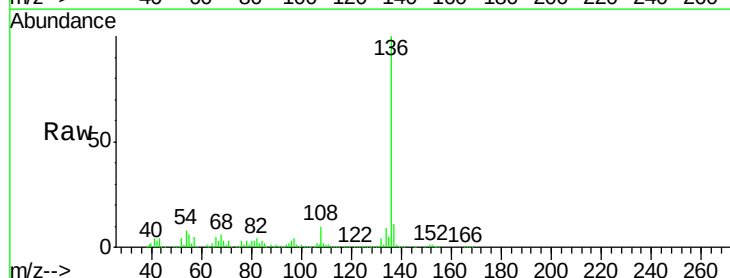
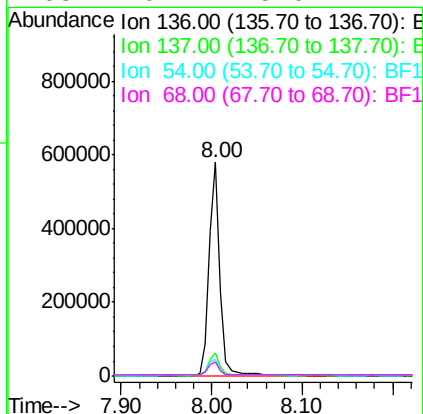
RT: 8.00 min Scan# 1006

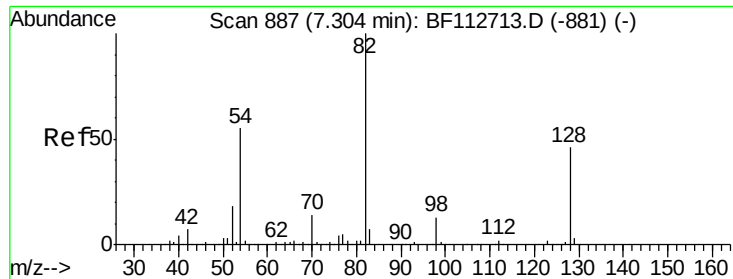
Delta R.T. -0.00 min

Lab File: BF113171.D

Acq: 20 Mar 2019 15:13

Tgt Ion:	136	Resp:	495494
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.1	7.0	10.6
68	6.4	5.0	7.4





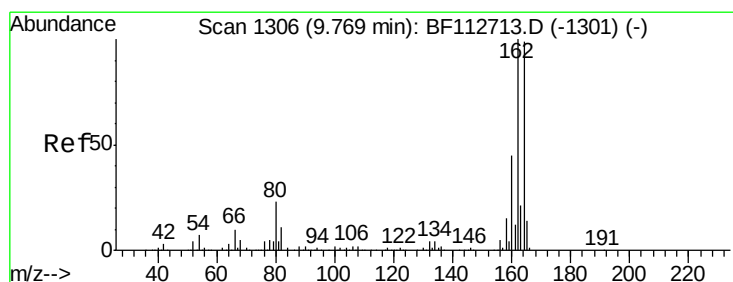
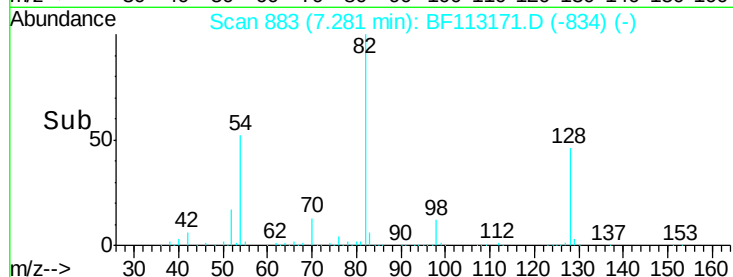
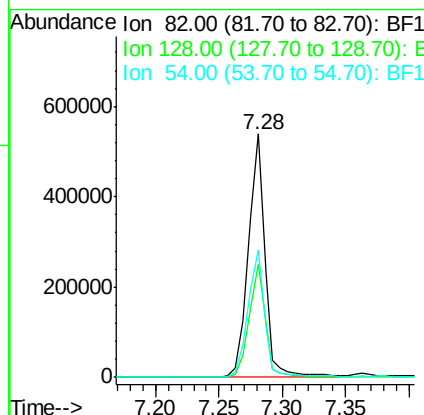
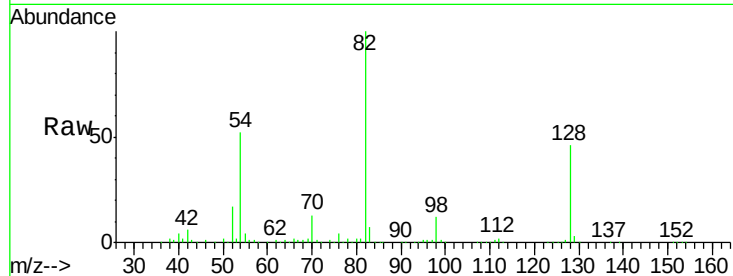
#23
Nitrobenzene-d5
Concen: 58.802 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF113171.D
Acq: 20 Mar 2019 15:13

Instrument :
BNA_F
ClientSampleId :
SB-11(6-7)

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	486919		
128	46.4	37.9	56.9	
54	52.4	41.2	61.8	

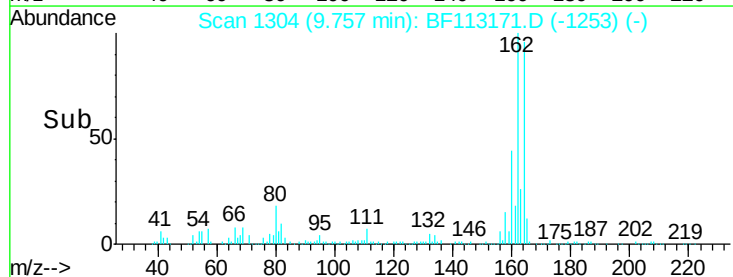
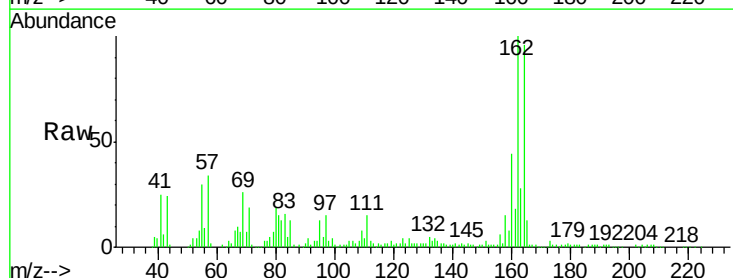
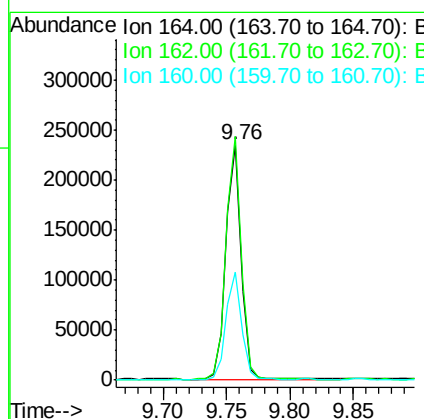
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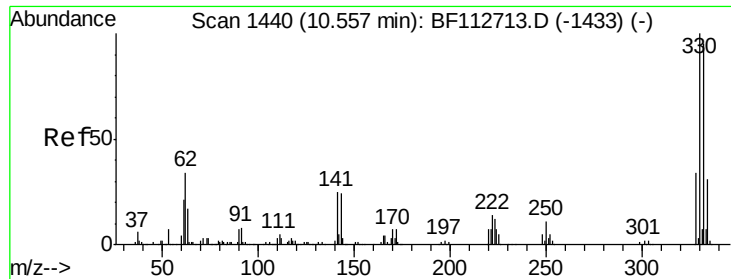
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BF113171.D
Acq: 20 Mar 2019 15:13

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	196366		
162	103.8	80.8	121.2	
160	45.9	36.2	54.2	





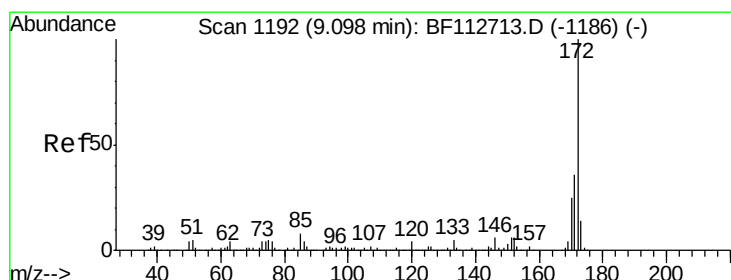
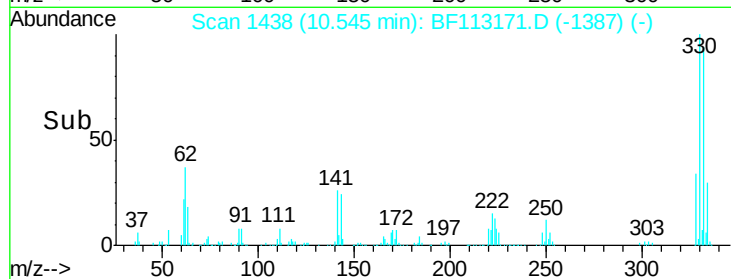
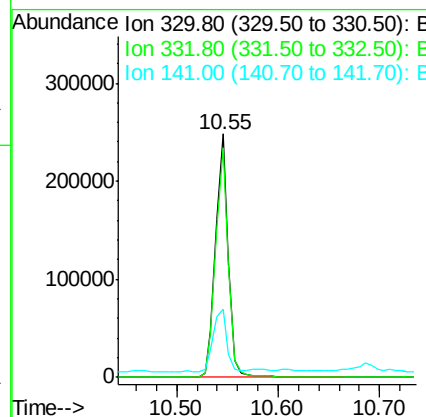
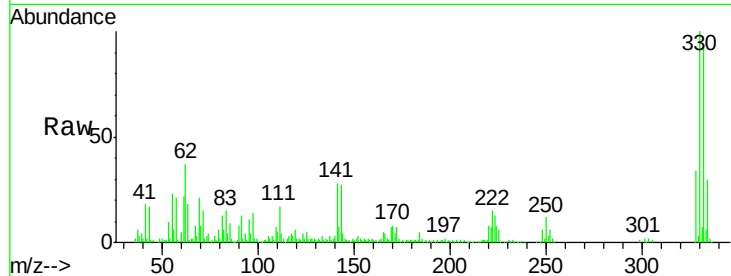
#42
 2,4,6-Tribromophenol
 Concen: 104.364 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BF113171.D
 Acq: 20 Mar 2019 15:13

Instrument :
 BNA_F
 ClientSampleId :
 SB-11(6-7)

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	217564		
332	94.8	76.3	114.5	
141	28.5	22.3	33.5	

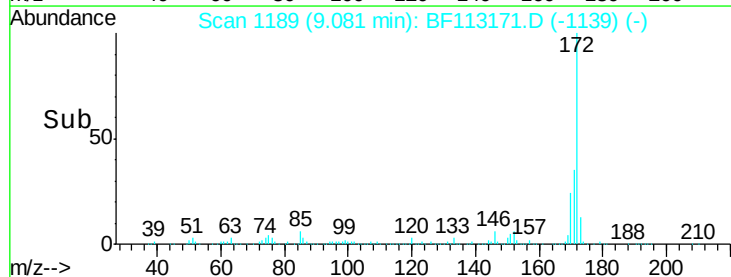
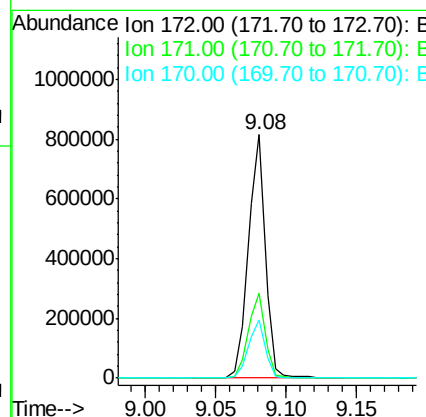
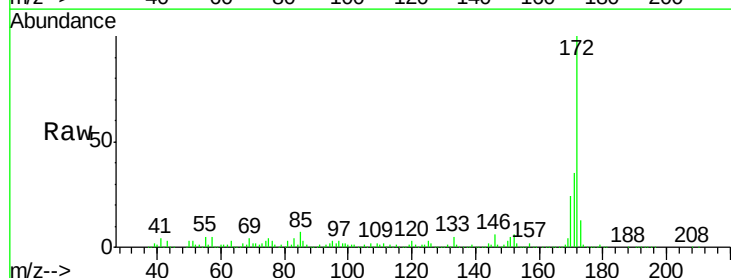
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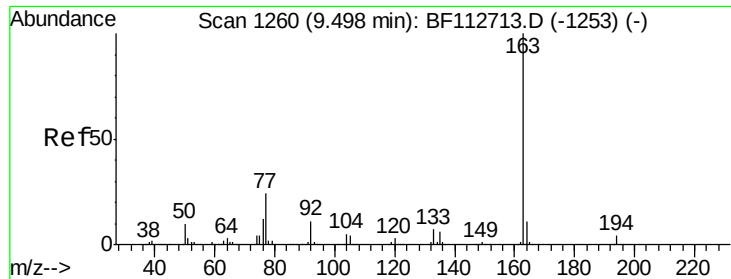
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#45
 2-Fluorobiphenyl
 Concen: 52.120 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF113171.D
 Acq: 20 Mar 2019 15:13

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	684408		
171	35.1	29.0	43.4	
170	23.9	20.1	30.1	





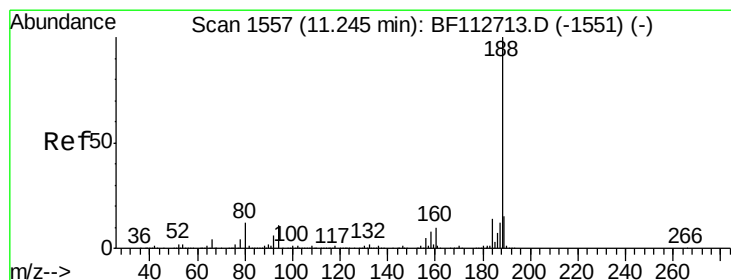
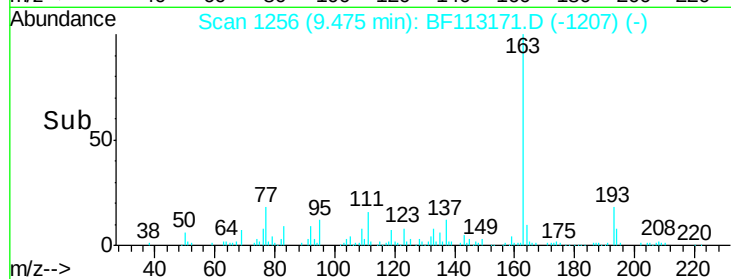
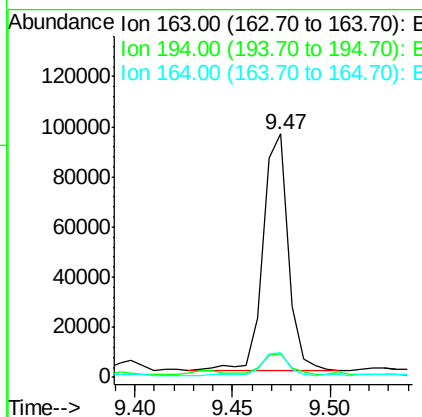
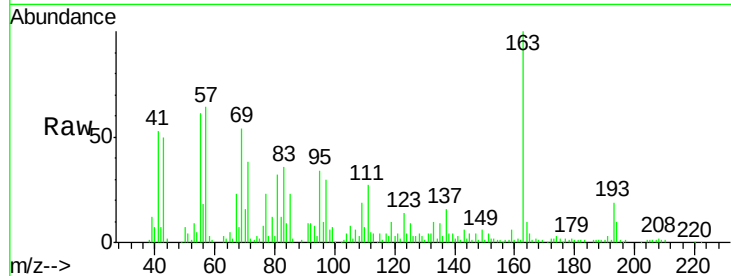
#50
Dimethylphthalate
Concen: 5.921 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF113171.D
Acq: 20 Mar 2019 15:13

Instrument :
BNA_F
ClientSampleId :
SB-11(6-7)

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	85735		
194	9.6	3.3	4.9#	
164	10.2	8.6	12.8	

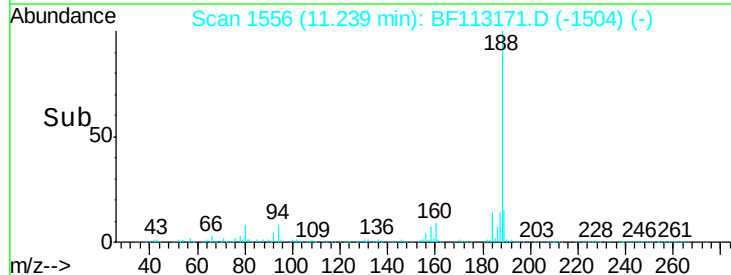
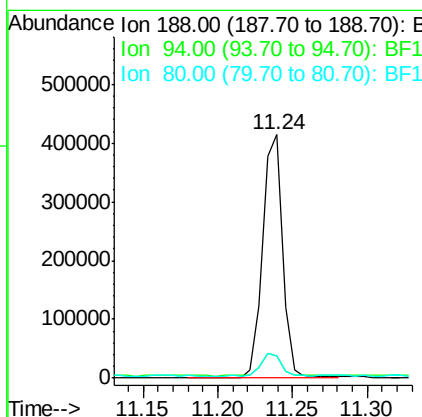
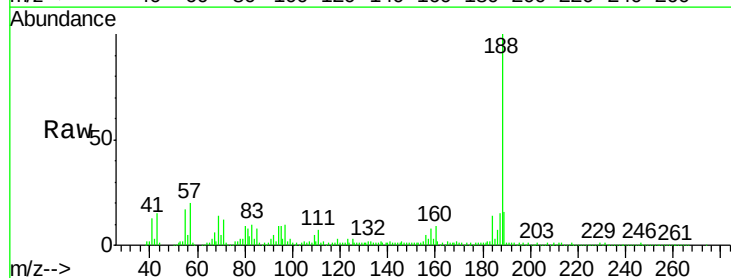
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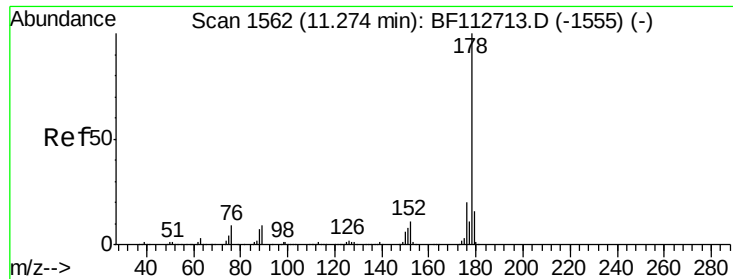
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.01 min
Lab File: BF113171.D
Acq: 20 Mar 2019 15:13

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	378918		
94	9.1	7.4	11.2	
80	9.3	7.9	11.9	





#71

Phenanthrene

Concen: 4.265 ng

RT: 11.26 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BF113171.D

Acq: 20 Mar 2019 15:13

Instrument :

BNA_F

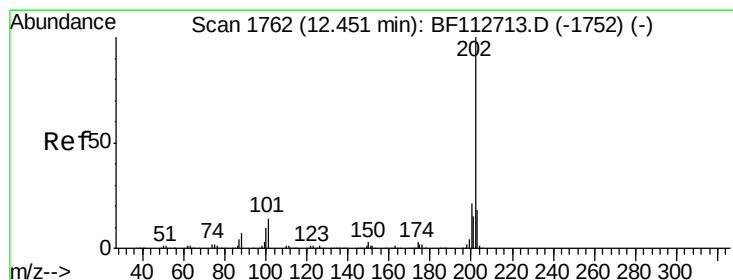
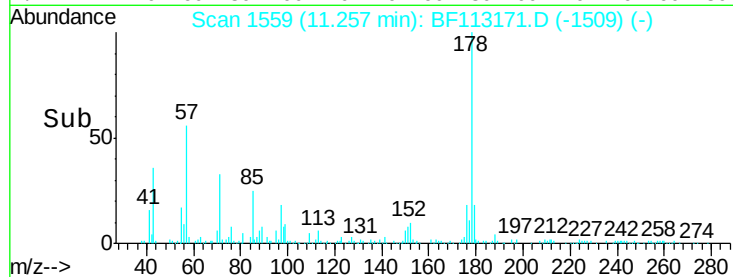
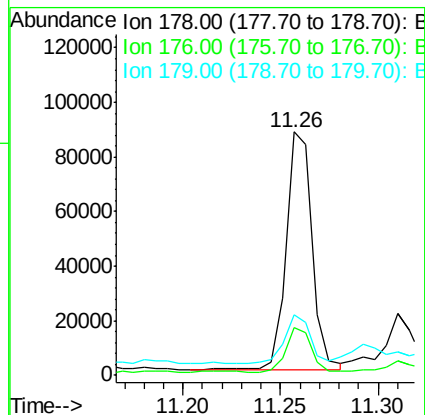
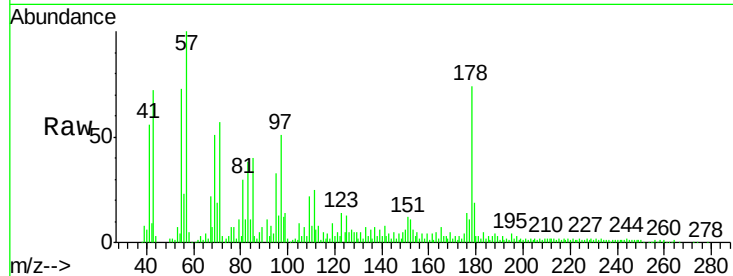
ClientSampleId :

SB-11(6-7)

Tgt Ion:	178	Resp:	80406
Ion Ratio	Lower	Upper	
178	100		
176	19.4	16.2	24.4
179	25.0	13.0	19.4

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#75

Fluoranthene

Concen: 5.157 ng

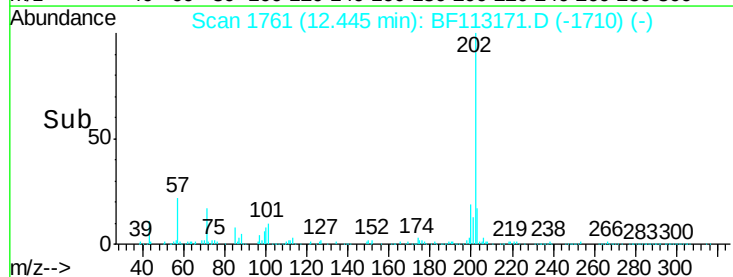
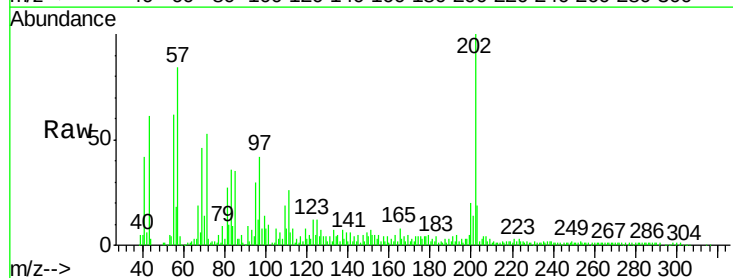
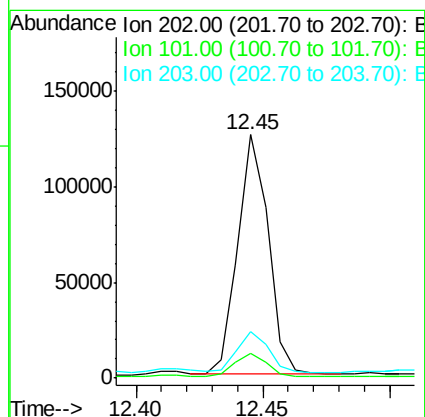
RT: 12.45 min Scan# 1761

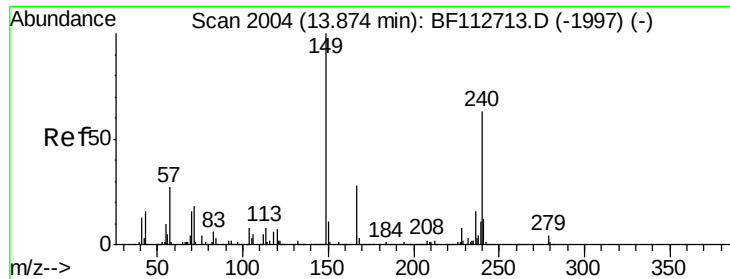
Delta R.T. -0.00 min

Lab File: BF113171.D

Acq: 20 Mar 2019 15:13

Tgt Ion:	202	Resp:	104157
Ion Ratio	Lower	Upper	
202	100		
101	10.4	0.0	31.9
203	18.9	0.0	38.4





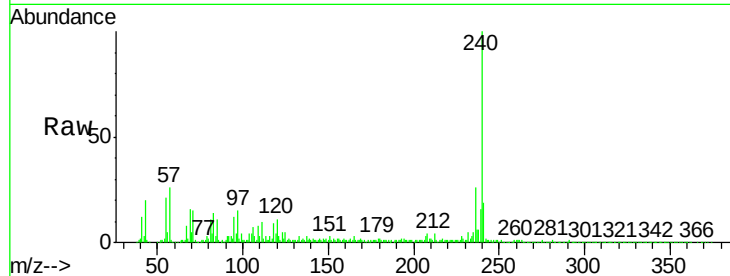
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BF113171.D
Acq: 20 Mar 2019 15:13

Instrument :
BNA_F
ClientSampleId :
SB-11(6-7)

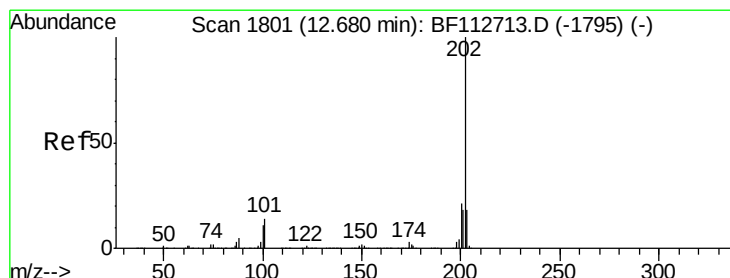
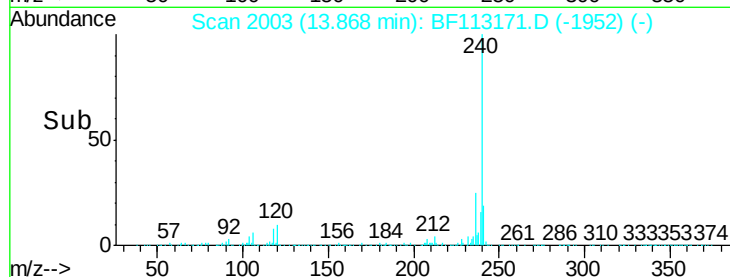
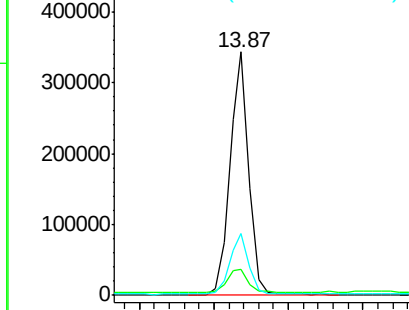
Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	10.8	8.6	12.8
236	25.7	21.2	31.8

Manual Integrations
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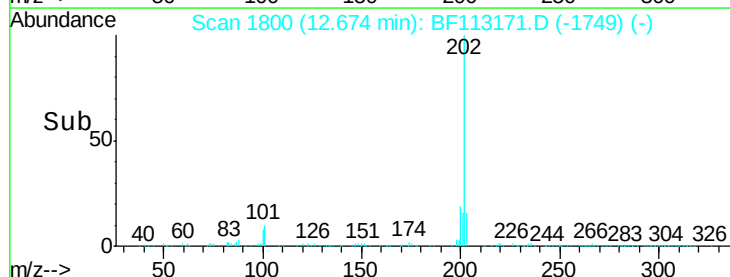
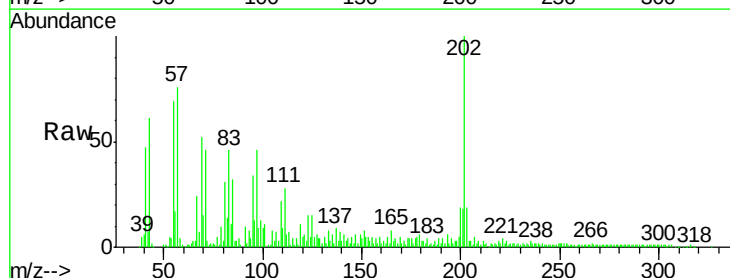
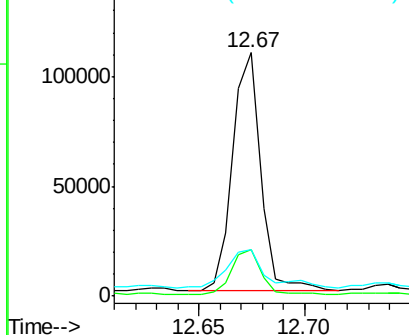
Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

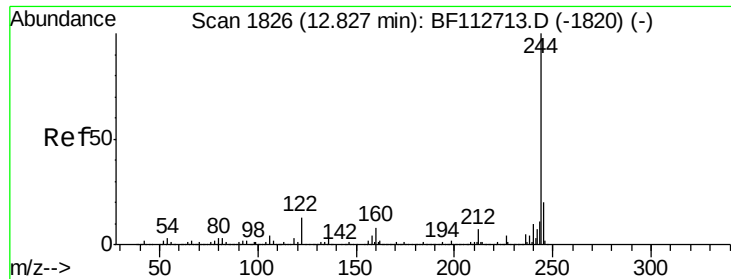


#78
Pyrene
Concen: 3.936 ng
RT: 12.67 min Scan# 1800
Delta R.T. -0.00 min
Lab File: BF113171.D
Acq: 20 Mar 2019 15:13

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	19.3	17.1	25.7
203	18.9	14.6	21.8

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 39.659 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.00 min

Lab File: BF113171.D

Acq: 20 Mar 2019 15:13

Instrument :

BNA_F

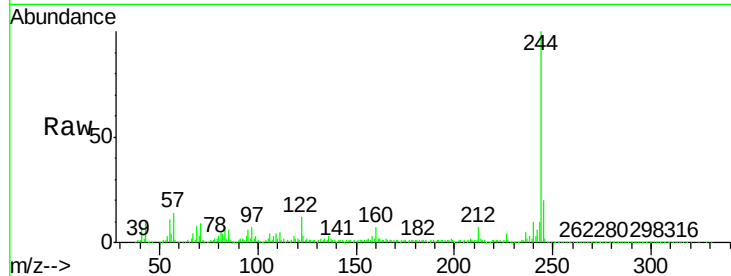
ClientSampleId :

SB-11(6-7)

Tgt Ion:	244	Resp:	619299
Ion Ratio	Lower	Upper	
244	100		
212	6.8	5.7	8.5
122	11.7	9.4	14.2

Manual Integrations
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Sohil
3/21/2019 6:36:16 PM

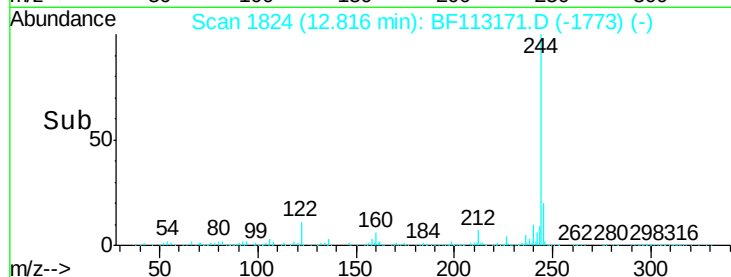


Abundance Ion 244.00 (243.70 to 244.70): E

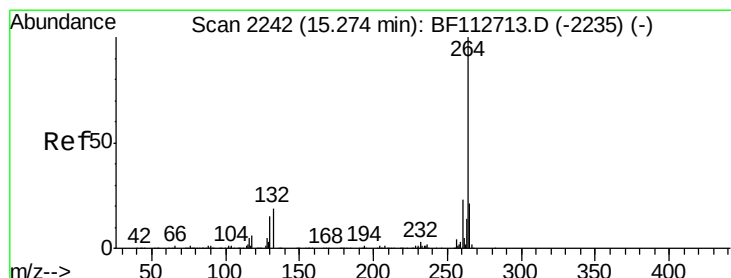
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time-->



Time-->



#87

Perylene-d12

Concen: 20.000 ng

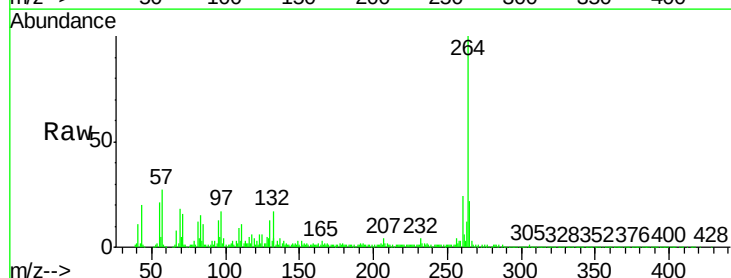
RT: 15.28 min Scan# 2243

Delta R.T. 0.01 min

Lab File: BF113171.D

Acq: 20 Mar 2019 15:13

Tgt Ion:	264	Resp:	323726
Ion Ratio	Lower	Upper	
264	100		
260	24.0	19.2	28.8
265	22.1	17.7	26.5

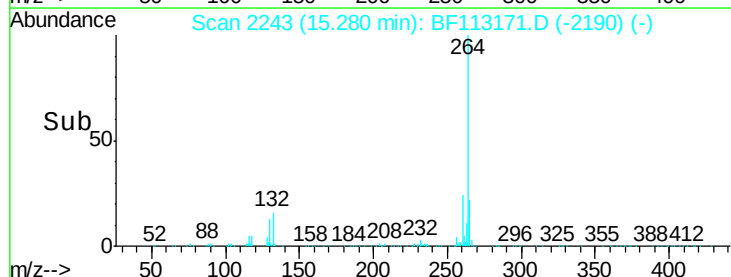


Abundance Ion 264.00 (263.70 to 264.70): E

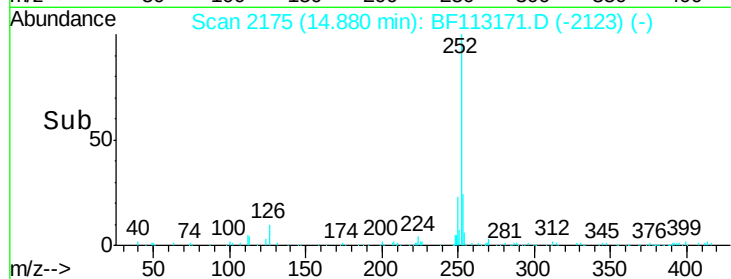
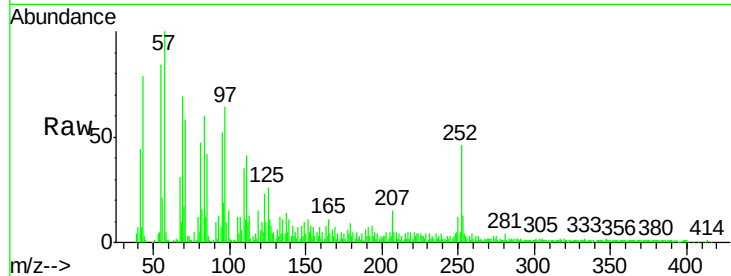
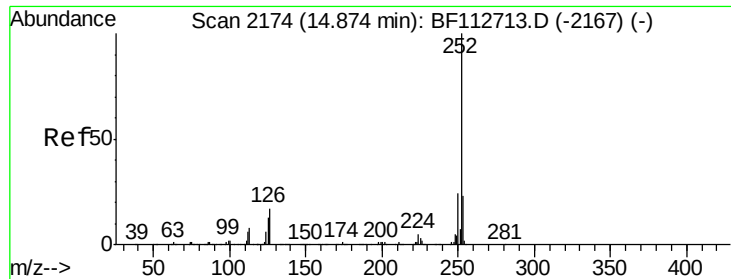
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

Time-->



Time-->



#88

Benzo(b)fluoranthene

Concen: 2.541 ng m

RT: 14.88 min Scan# 2175

Delta R.T. 0.01 min

Lab File: BF113171.D

Acq: 20 Mar 2019 15:13

Instrument :

BNA_F

ClientSampleId :

SB-11(6-7)

Tgt Ion:	252	Resp:	53216
Ion Ratio	Lower	Upper	
252	100		
253	28.1	18.2	27.4#
125	57.4	8.0	12.0#

Manual Integrations
APPROVED

Sohil
3/21/2019 6:36:16 PM

