

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042919\
 Data File : BF114027.D
 Acq On : 29 Apr 2019 17:18
 Operator : JU/SJ
 Sample : K2553-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR200034

Manual Integrations
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Quant Time: Apr 30 05:59:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	126126	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	471956	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	247724	20.00	ng	-0.01
64) Phenanthrene-d10	11.41	188	483222	20.00	ng	0.00
76) Chrysene-d12	14.04	240	319742	20.00	ng	-0.02
87) Perylene-d12	15.54	264	364220	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	664445	90.10	ng	0.00
7) Phenol-d6	6.52	99	869202	93.95	ng	0.00
23) Nitrobenzene-d5	7.45	82	525468	68.74	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	277976	92.11	ng	-0.01
45) 2-Fluorobiphenyl	9.25	172	1084724	68.48	ng	-0.01
79) Terphenyl-d14	12.99	244	1153874	73.98	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.63	163	162428	9.066	ng	99
75) Fluoranthene	12.62	202	101401	3.827	ng	97
78) Pyrene	12.85	202	85669	3.831	ng	96
83) Chrysene	14.07	228	42199	2.300	ng	97
88) Benzo(b)fluoranthene	15.10	252	58313m	2.531	ng	

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

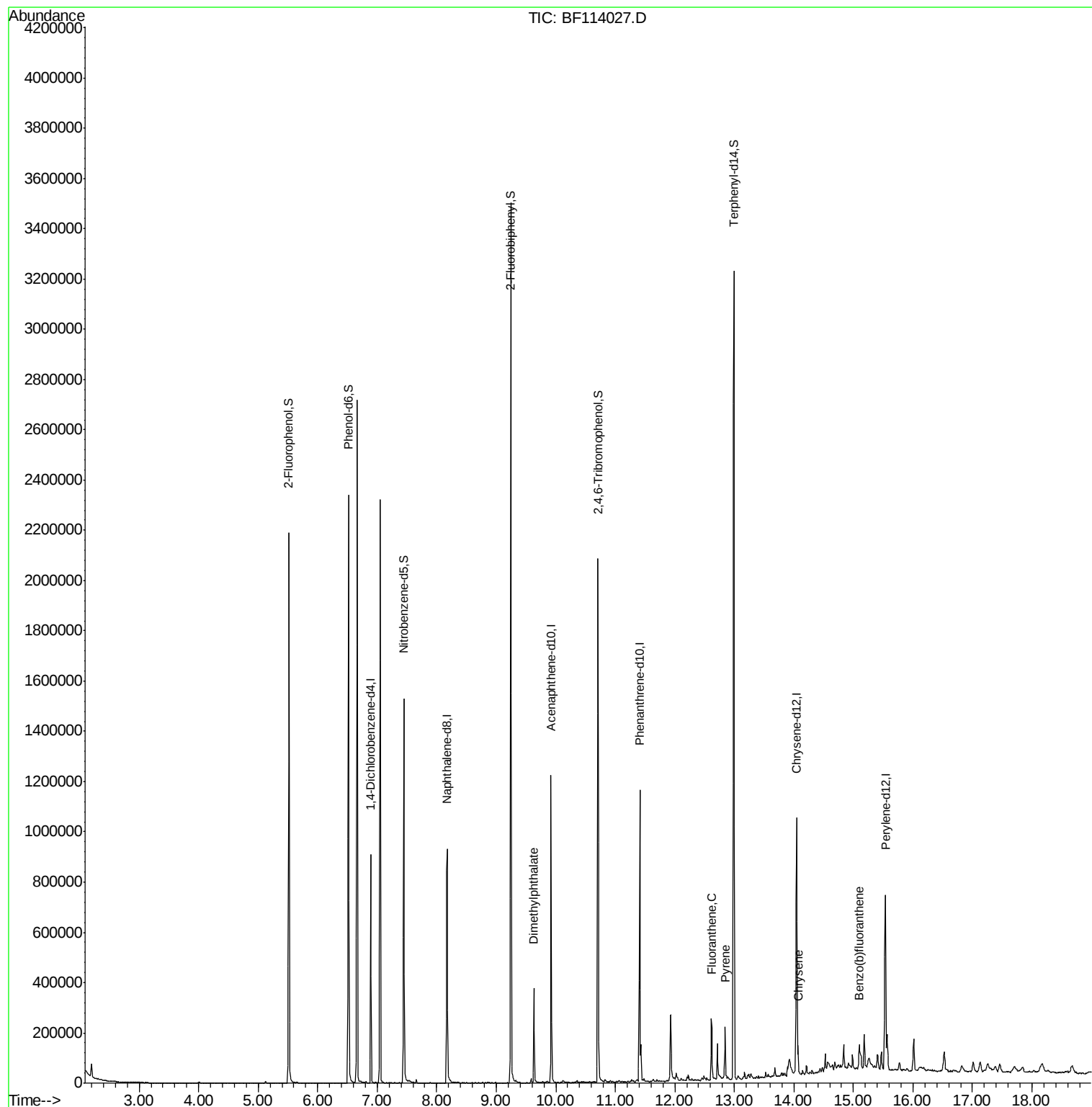
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042919\
Data File : BF114027.D
Acq On : 29 Apr 2019 17:18
Operator : JU/SJ
Sample : K2553-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

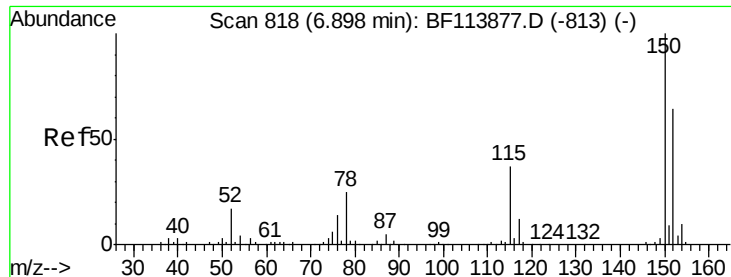
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
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Response via : Initial Calibration





#1

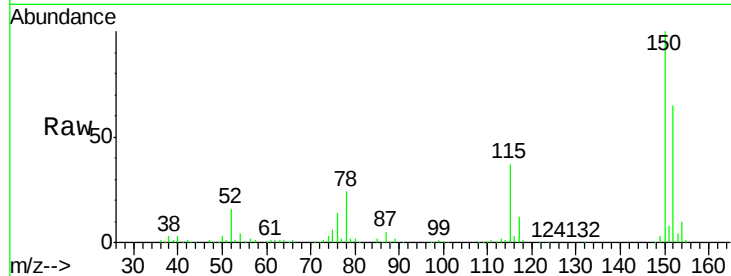
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF114027.D
Acq: 29 Apr 2019 17:18

Instrument :
BNA_F
ClientSampleId :
RBR200034

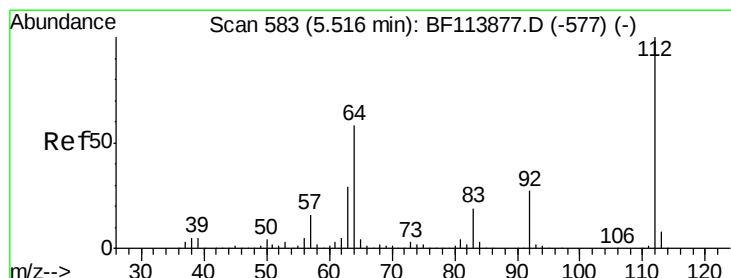
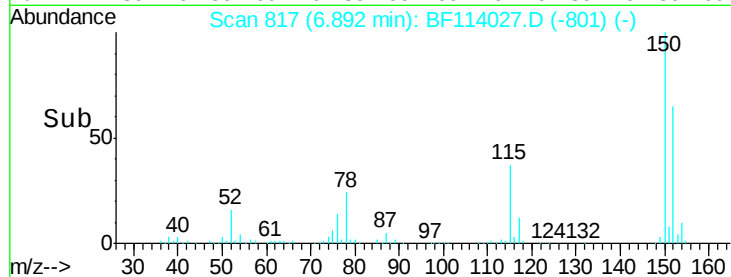
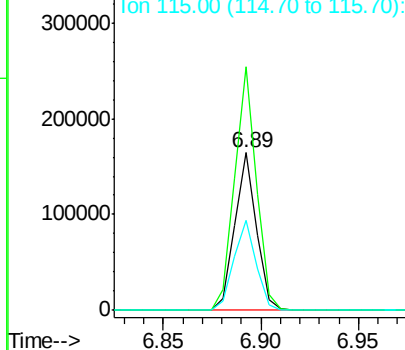
Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.3	125.9	188.9
115	57.1	45.9	68.9

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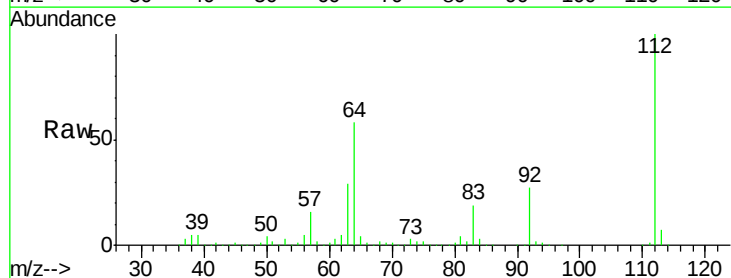
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



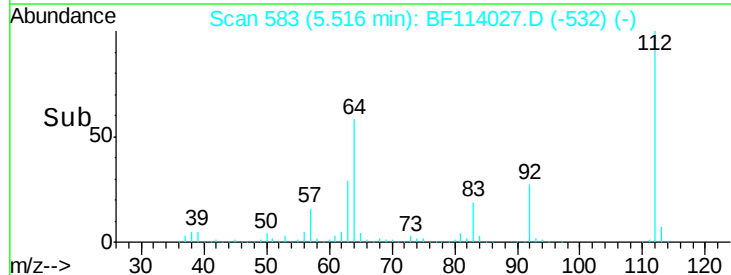
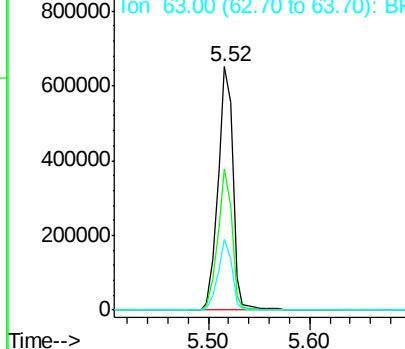
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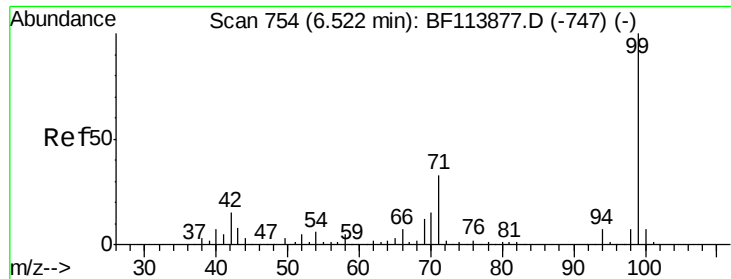
2-Fluorophenol
Concen: 90.103 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.00 min
Lab File: BF114027.D
Acq: 29 Apr 2019 17:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.9	46.6	69.8
63	28.8	23.1	34.7



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: 93.949 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF114027.D

Acq: 29 Apr 2019 17:18

Instrument :

BNA_F

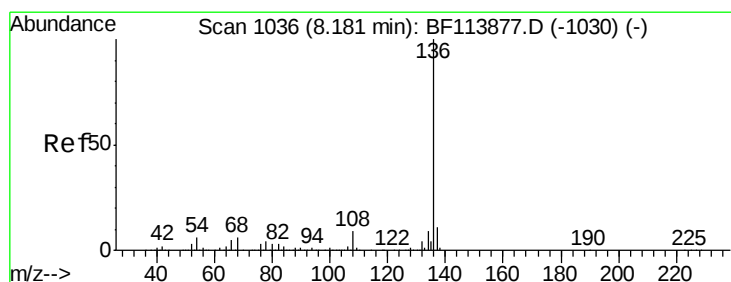
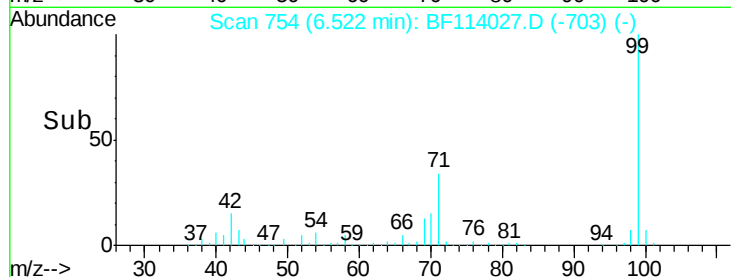
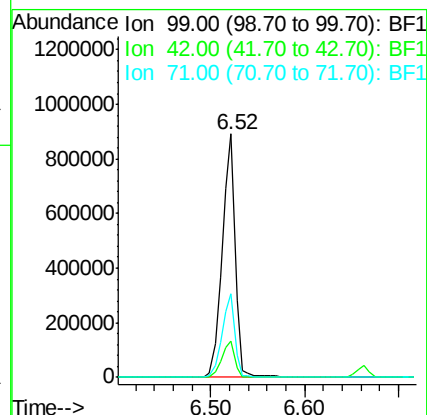
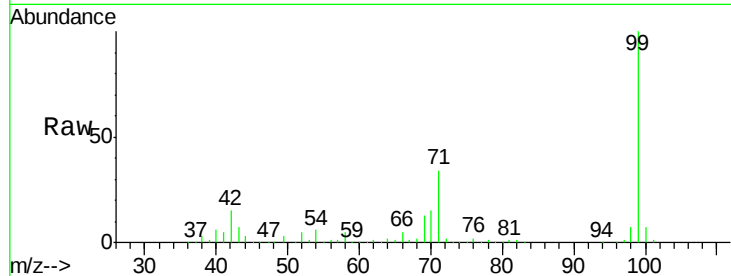
ClientSampleId :

RBR200034

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
99	100		869202		
42	14.6	12.5	18.7		
71	34.1	26.9	40.3		

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#21

Naphthalene-d8

Concen: 20.000 ng

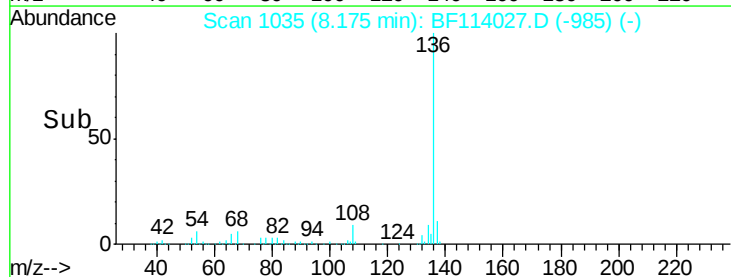
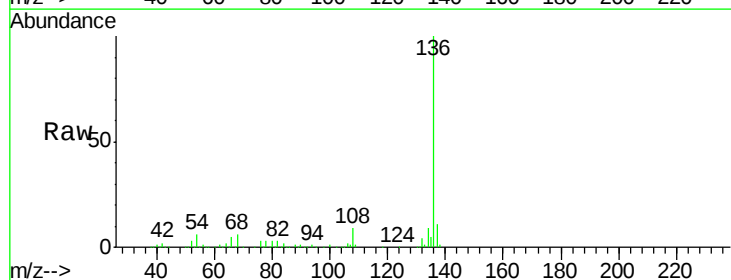
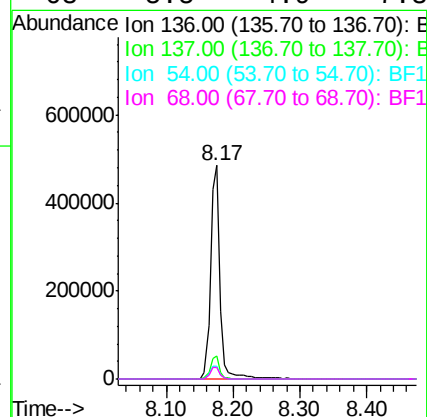
RT: 8.17 min Scan# 1035

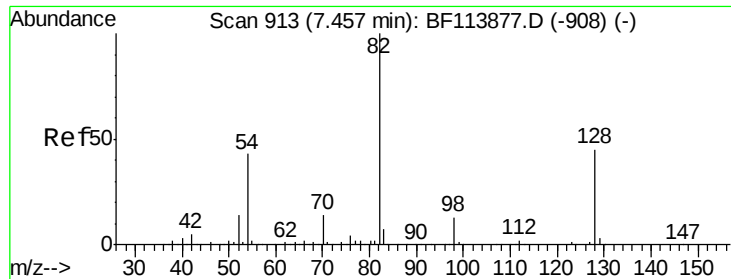
Delta R.T. -0.01 min

Lab File: BF114027.D

Acq: 29 Apr 2019 17:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		471956		
137	11.0	8.6	12.8		
54	5.8	5.0	7.6		
68	5.5	4.9	7.3		





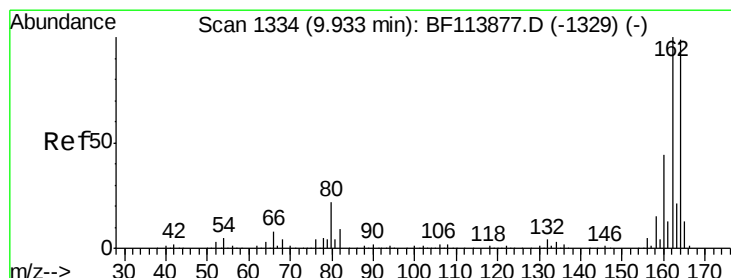
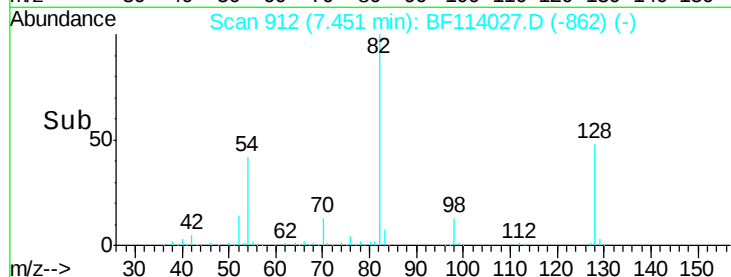
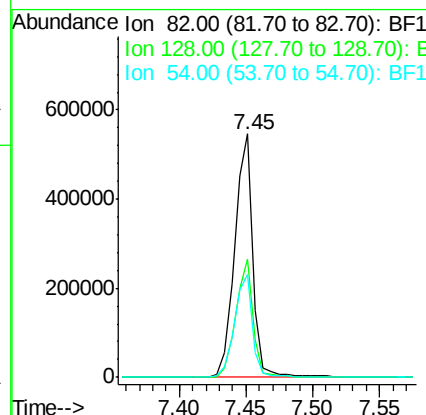
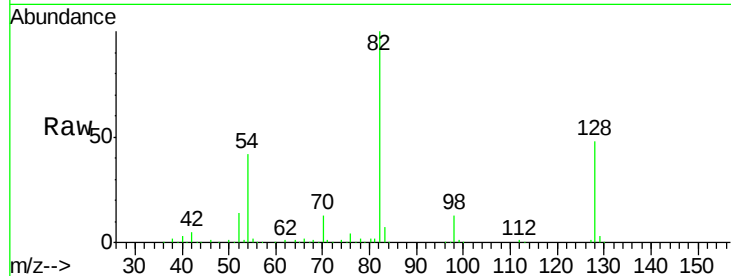
#23
 Nitrobenzene-d5
 Concen: 68.745 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF114027.D
 Acq: 29 Apr 2019 17:18

Instrument :
 BNA_F
 ClientSampleId :
 RBR200034

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	525468		
128	48.4	36.8	55.2	
54	42.2	33.8	50.6	

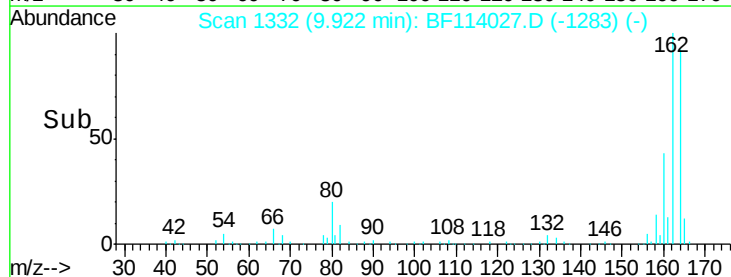
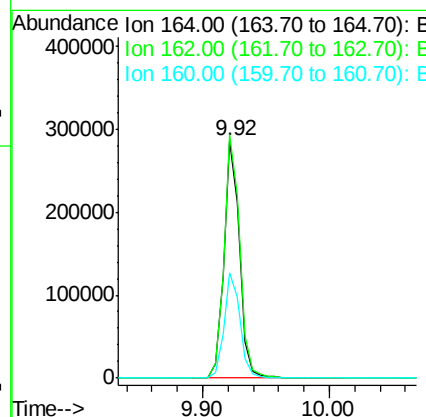
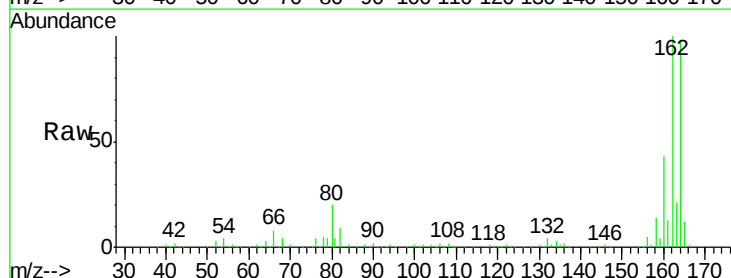
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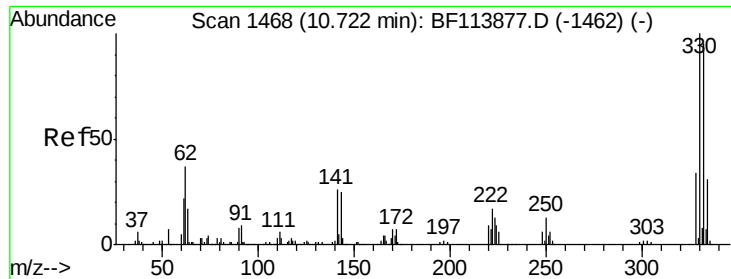
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.01 min
 Lab File: BF114027.D
 Acq: 29 Apr 2019 17:18

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	247724		
162	102.5	81.1	121.7	
160	44.2	35.8	53.6	





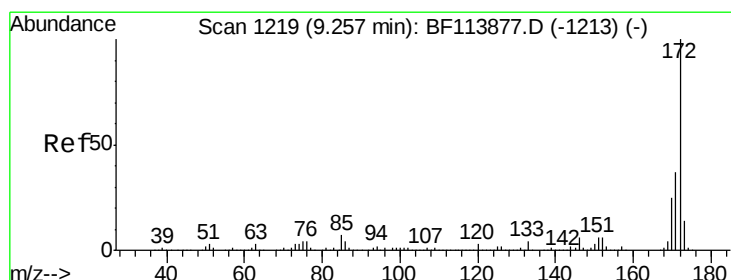
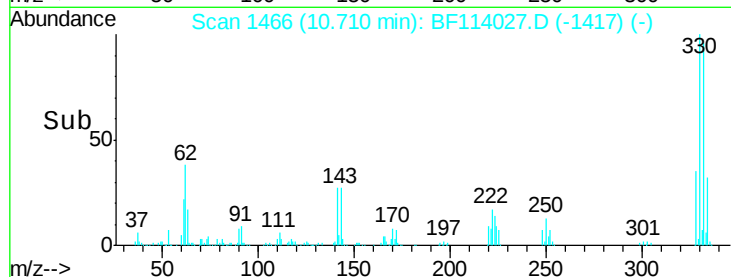
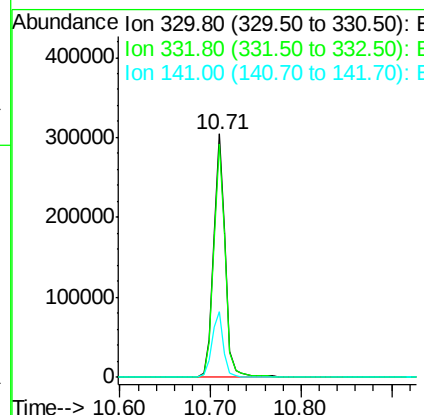
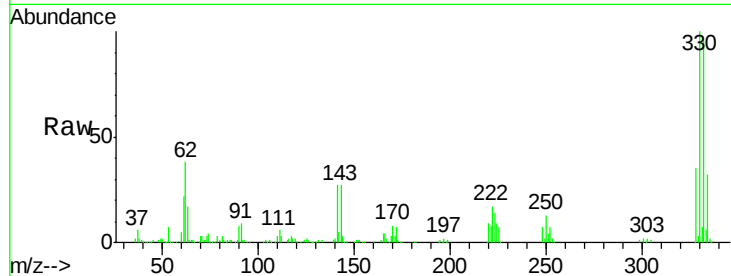
#42
 2,4,6-Tribromophenol
 Concen: 92.113 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF114027.D
 Acq: 29 Apr 2019 17:18

Instrument :
 BNA_F
 ClientSampleId :
 RBR200034

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	277976		
332	95.8	77.5	116.3	
141	26.9	22.2	33.2	

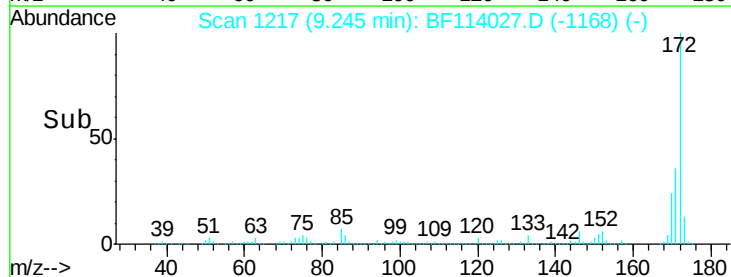
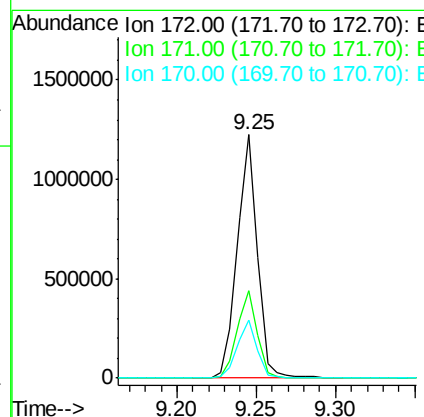
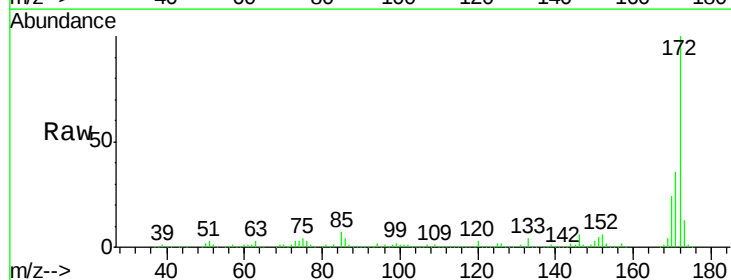
Manual Integrations
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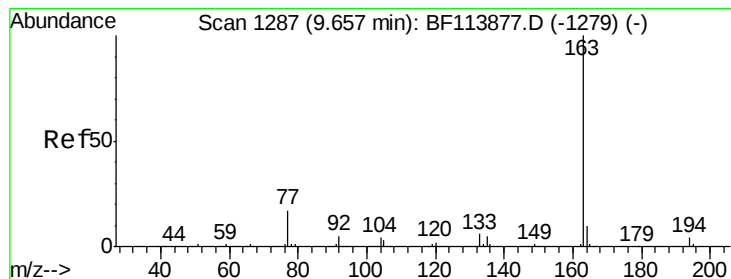
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#45
 2-Fluorobiphenyl
 Concen: 68.485 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF114027.D
 Acq: 29 Apr 2019 17:18

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1084724		
171	36.2	29.4	44.0	
170	24.0	19.9	29.9	





#50

Dimethylphthalate

Concen: 9.066 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.02 min

Lab File: BF114027.D

Acq: 29 Apr 2019 17:18

Instrument :

BNA_F

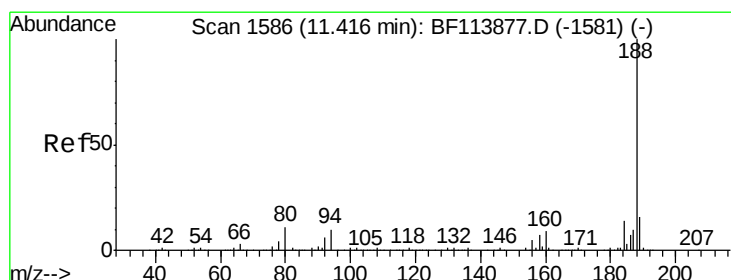
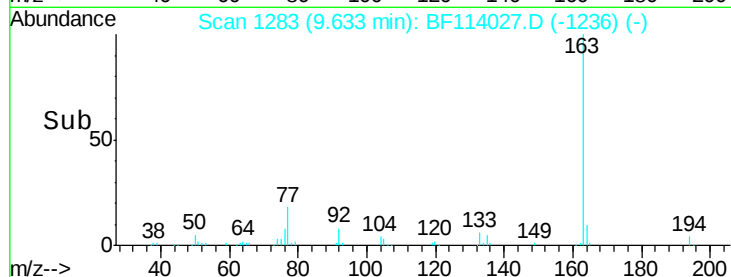
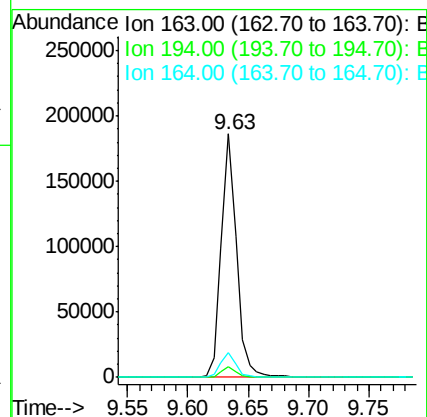
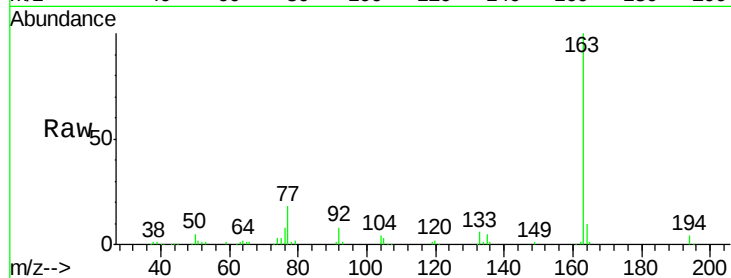
ClientSampleId :

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Tgt Ion:	163	Resp:	162428
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.4	5.2
164	10.0	8.5	12.7

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#64

Phenanthrene-d10

Concen: 20.000 ng

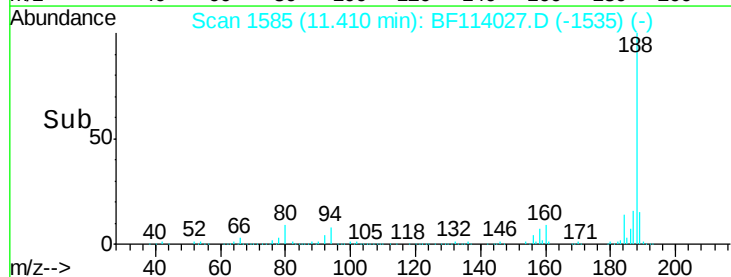
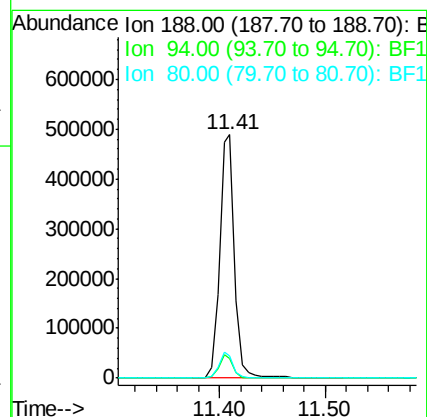
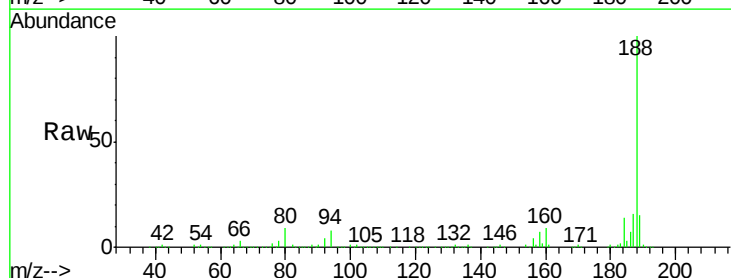
RT: 11.41 min Scan# 1585

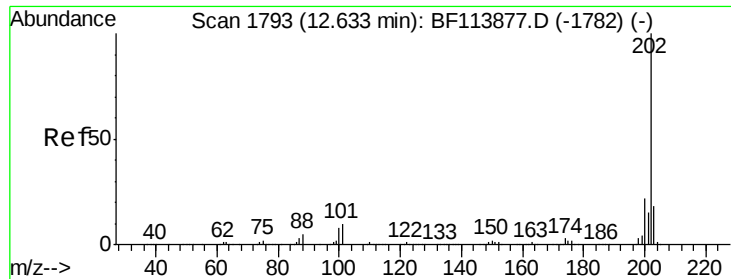
Delta R.T. -0.01 min

Lab File: BF114027.D

Acq: 29 Apr 2019 17:18

Tgt Ion:	188	Resp:	483222
Ion Ratio	Lower	Upper	
188	100		
94	8.0	8.2	12.4#
80	8.9	9.0	13.6#





#75

Fluoranthene

Concen: 3.827 ng

RT: 12.62 min Scan# 1790

Delta R.T. -0.02 min

Lab File: BF114027.D

Acq: 29 Apr 2019 17:18

Instrument :

BNA_F

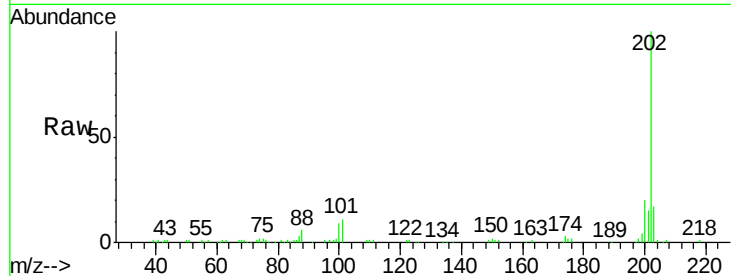
ClientSampled :

RBR200034

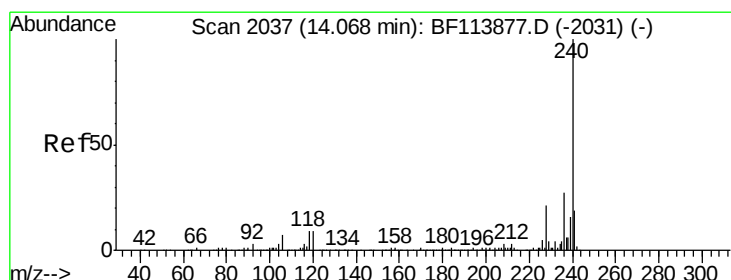
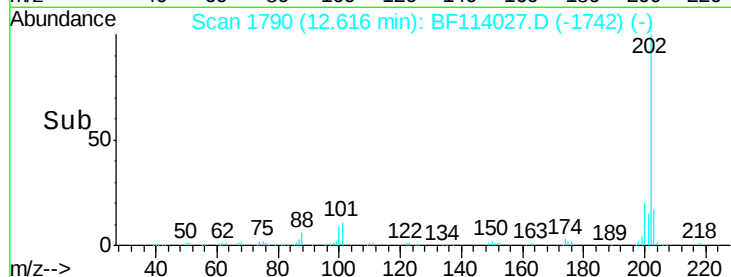
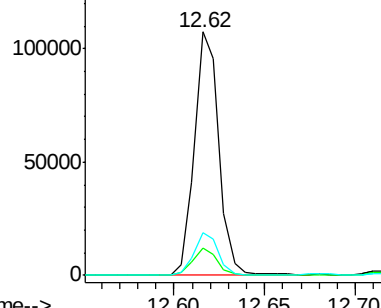
Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	11.1	0.0	32.9
203	17.3	0.0	38.2

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

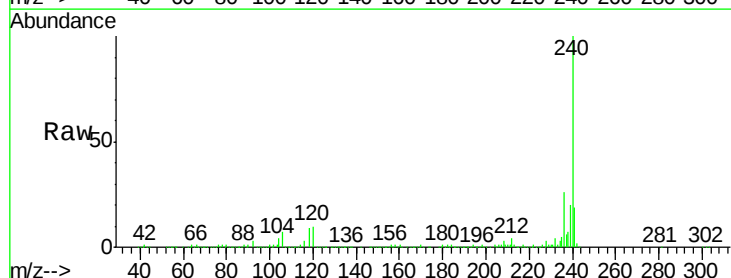
RT: 14.04 min Scan# 2033

Delta R.T. -0.02 min

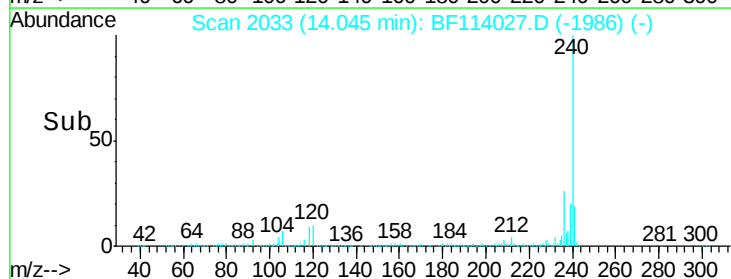
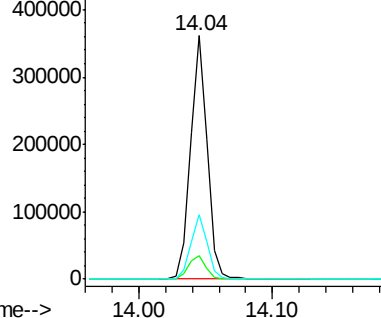
Lab File: BF114027.D

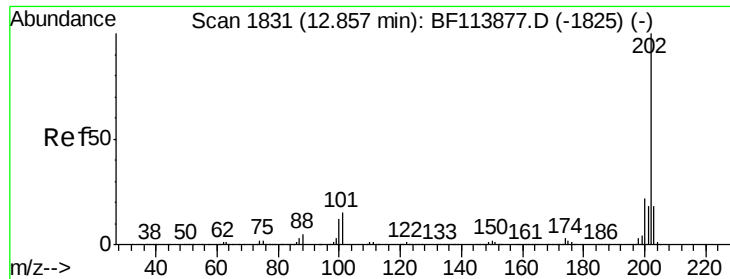
Acq: 29 Apr 2019 17:18

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	9.6	9.3	13.9
236	26.3	21.2	31.8



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





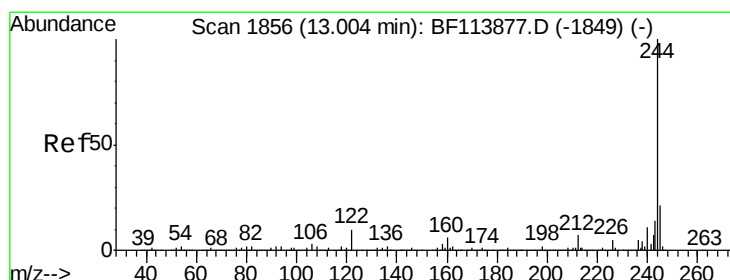
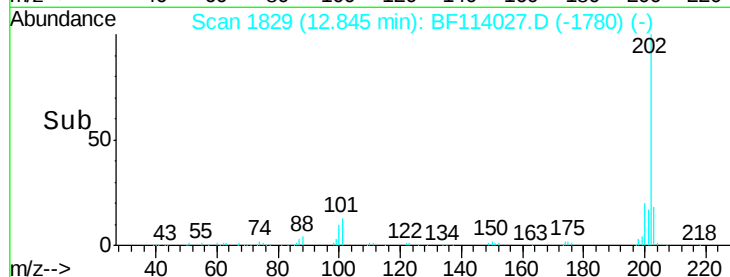
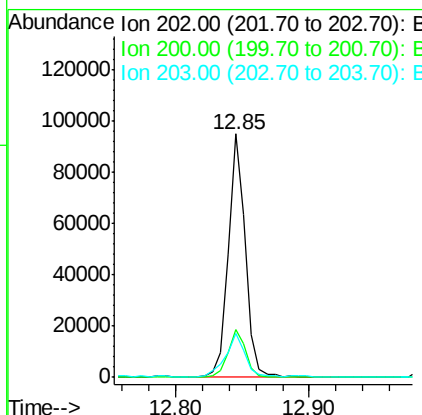
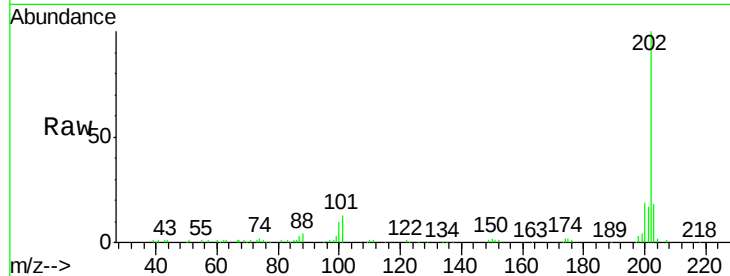
#78
 Pyrene
 Concen: 3.831 ng
 RT: 12.85 min Scan# 1829
 Delta R.T. -0.01 min
 Lab File: BF114027.D
 Acq: 29 Apr 2019 17:18

Instrument :
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 RBR200034

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.5	17.7	26.5
203	17.9	15.0	22.6

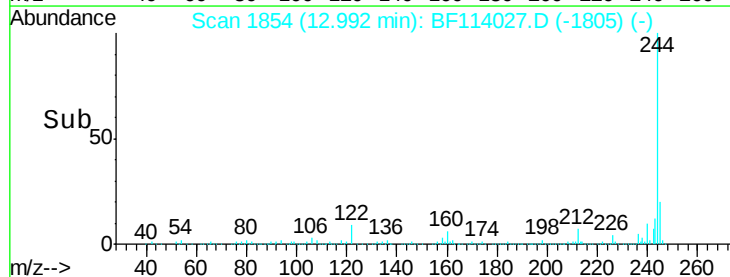
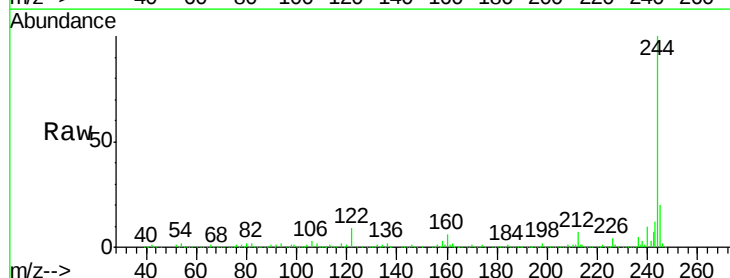
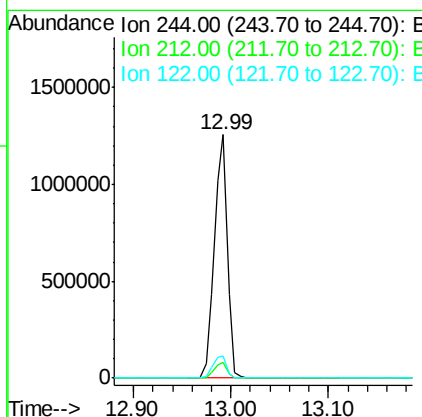
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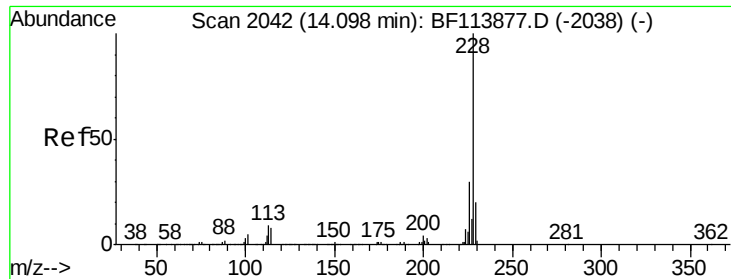
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#79
 Terphenyl-d14
 Concen: 73.984 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BF114027.D
 Acq: 29 Apr 2019 17:18

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.2
122	9.2	7.6	11.4





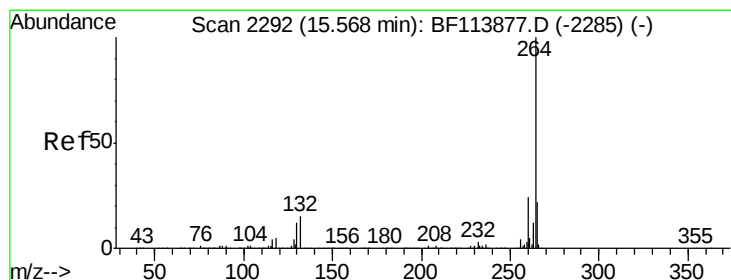
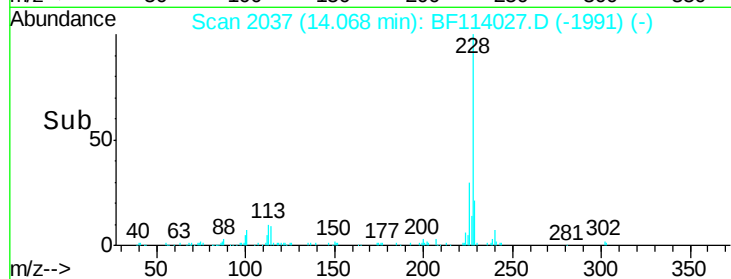
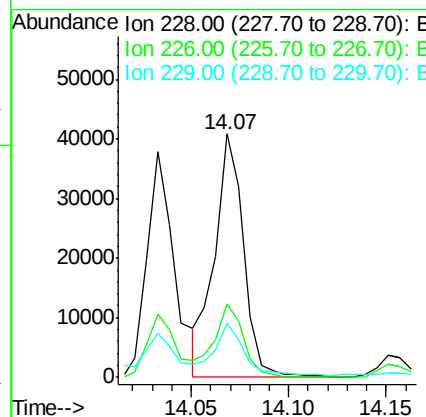
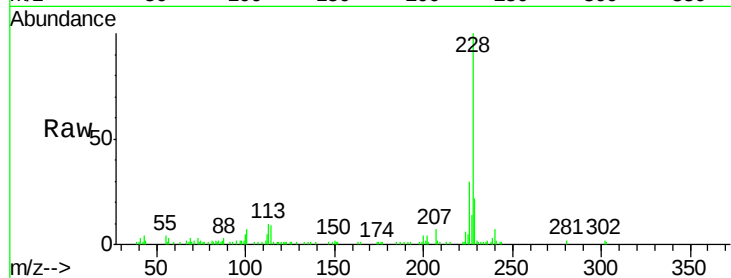
#83
Chrysene
Concen: 2.300 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.03 min
Lab File: BF114027.D
Acq: 29 Apr 2019 17:18

Instrument :
BNA_F
ClientSampled :
RBR200034

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.2	37.8
229	22.2	16.7	25.1

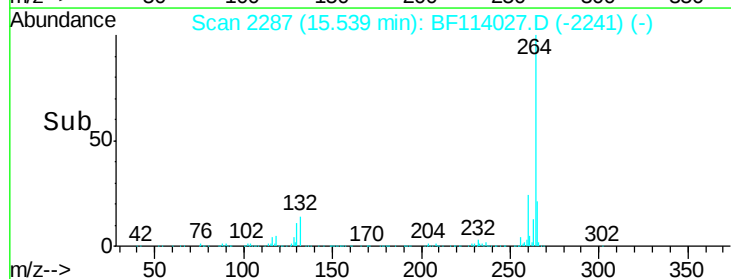
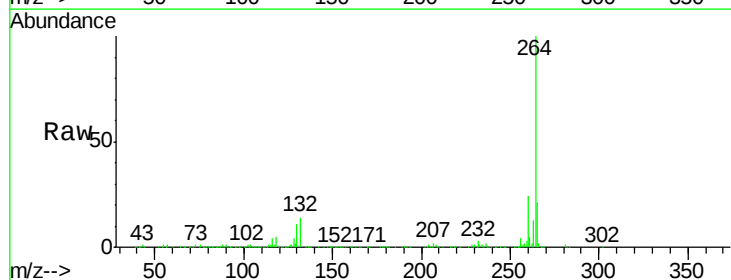
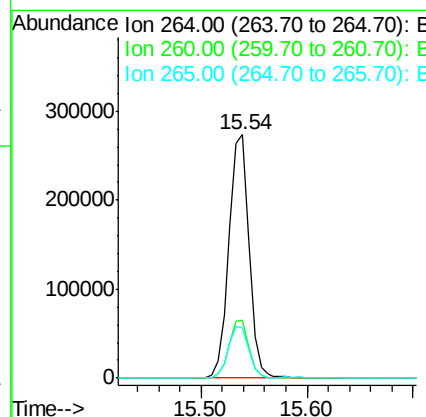
Manual Integrations
APPROVED

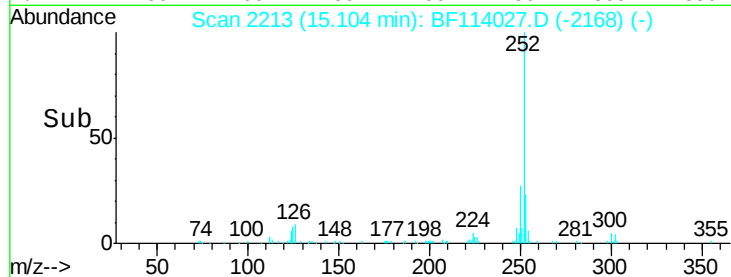
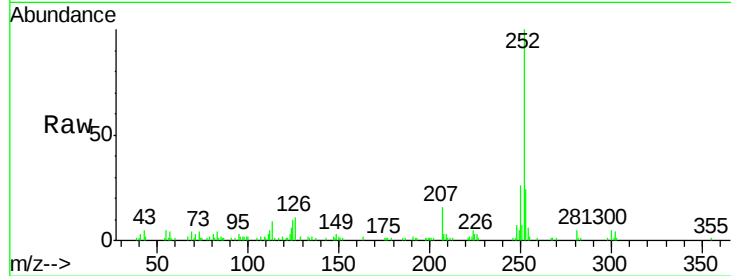
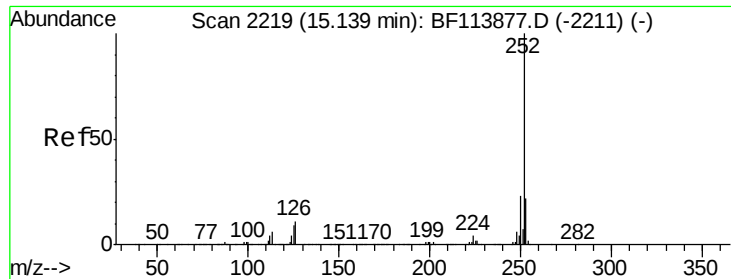
Sohil
4/30/2019 6:42:20 PM



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. -0.03 min
Lab File: BF114027.D
Acq: 29 Apr 2019 17:18

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.9	28.3
265	20.7	17.3	25.9





#88

Benzo(b)fluoranthene

Concen: 2.531 ng m

RT: 15.10 min Scan# 2213

Delta R.T. -0.04 min

Lab File: BF114027.D

Acq: 29 Apr 2019 17:18

Tgt Ion:	252	Resp:	58313
Ion Ratio	Lower	Upper	
252	100		
253	24.1	17.8	26.6
125	10.3	7.0	10.6

Instrument :

BNA_F

ClientSampleId :

RBR200034

Manual Integrations
APPROVED

Sohil
4/30/2019 6:42:20 PM

