

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082819\
 Data File : BF116637.D
 Acq On : 29 Aug 2019 1:29
 Operator : HP/JU
 Sample : K4576-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200034-RBR-200036

Manual Integrations
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Quant Time: Aug 29 04:26:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 28 13:34:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	69317	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	281274	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	200948	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	168263	20.00	ng	0.00
76) Chrysene-d12	14.00	240	100854	20.00	ng	0.00
87) Perylene-d12	15.46	264	113424	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	611528	152.38	ng	0.00
7) Phenol-d6	6.49	99	643571	118.28	ng	0.00
23) Nitrobenzene-d5	7.42	82	405408	82.47	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	132926	69.51	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	704712	58.36	ng	0.00
79) Terphenyl-d14	12.96	244	423226	68.25	ng	0.00
Target Compounds						
10) Phenol	6.50	94	32168	5.390	ng	98
50) Dimethylphthalate	9.60	163	96944	7.176	ng	99
71) Phenanthrene	11.40	178	19864	2.198	ng	98
75) Fluoranthene	12.59	202	38127	4.704	ng	96
78) Pyrene	12.81	202	29269	3.156	ng	96
83) Chrysene	14.03	228	13286	2.018	ng	95
86) Indeno(1,2,3-cd)pyrene	16.90	276	4385	4.652	ng	95
88) Benzo(b)fluoranthene	15.03	252	15165m	2.177	ng	

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

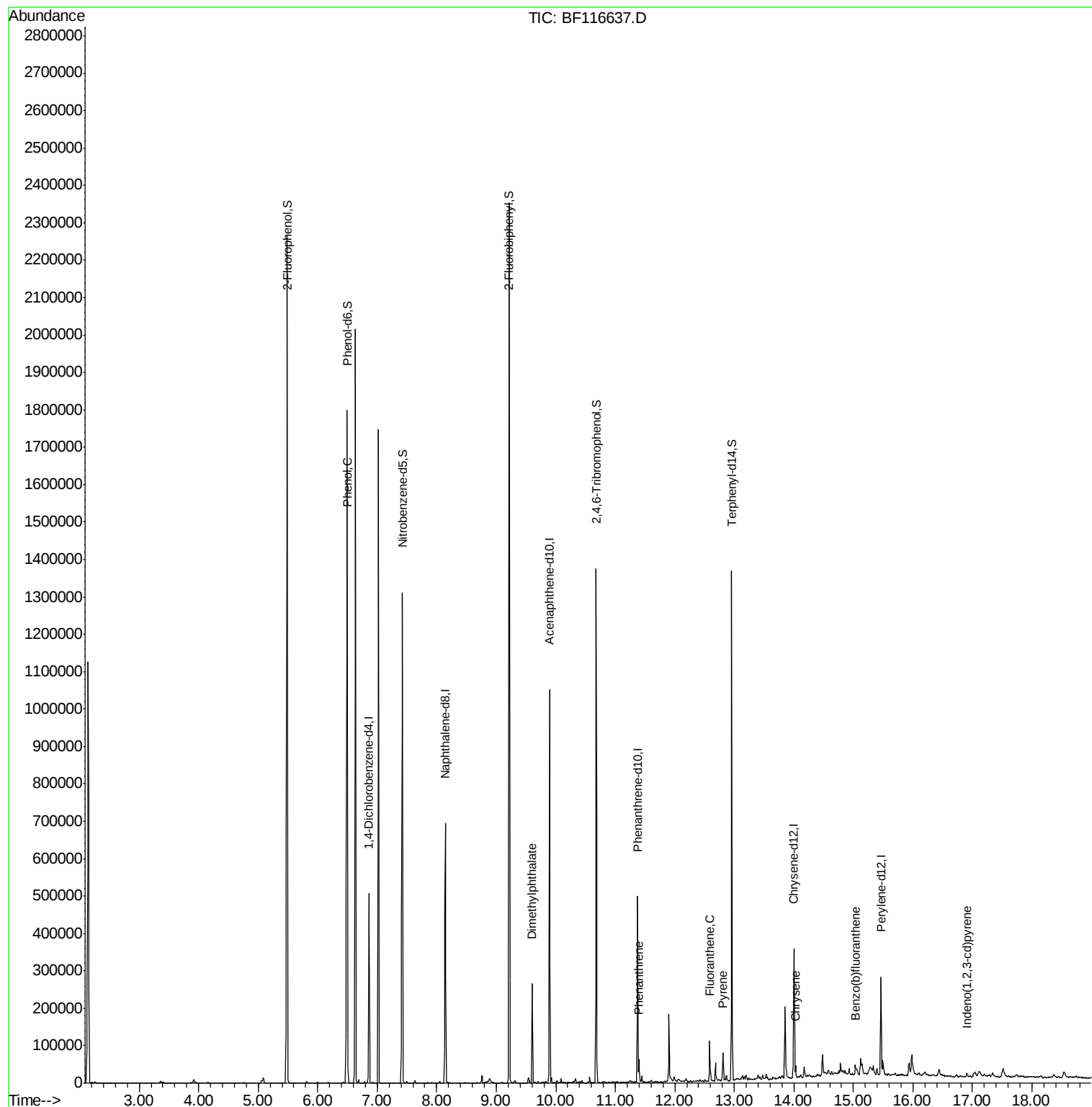
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082819\
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Sample : K4576-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

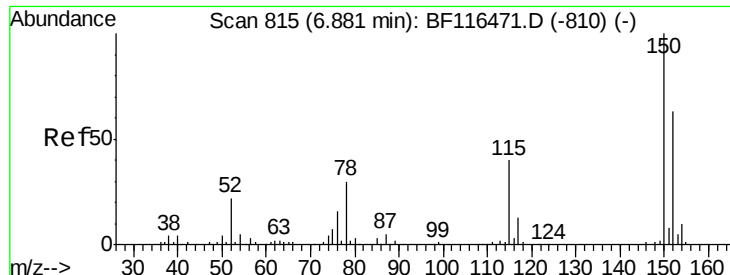
Instrument :
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ClientSampleId :
RBR-200034-RBR-200036

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#1

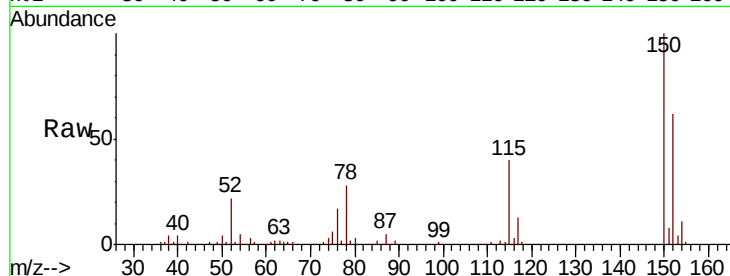
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF116637.D
Acq: 29 Aug 2019 1:29

Instrument :
BNA_F
ClientSampleId :
RBR-200034-RBR-200036

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.1	123.4	185.2
115	64.9	48.2	72.2

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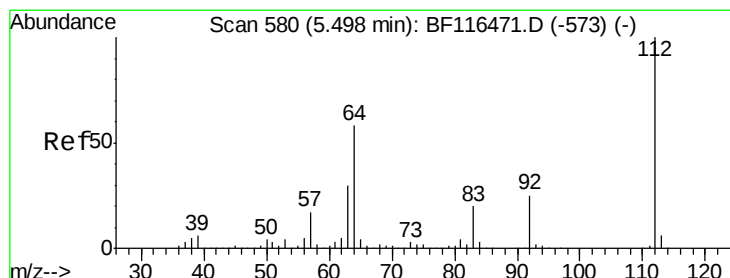
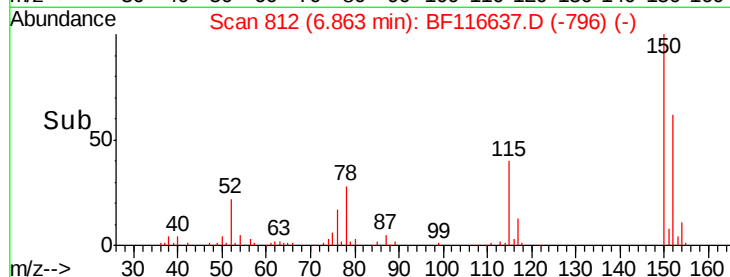
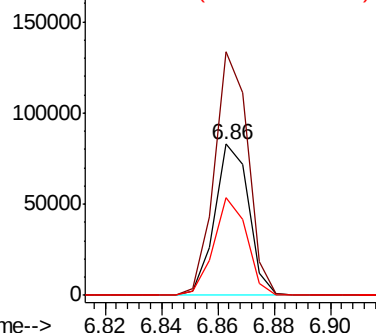


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

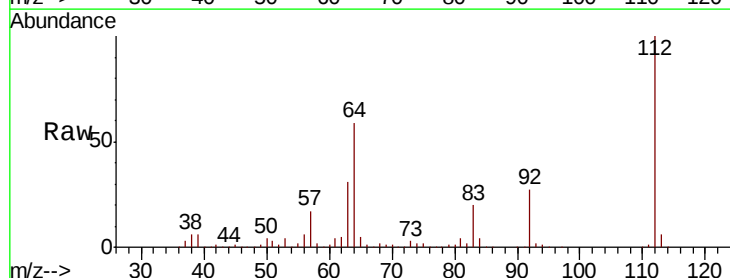
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 152.379 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF116637.D
Acq: 29 Aug 2019 1:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.3	48.0	72.0
63	30.9	24.6	36.8

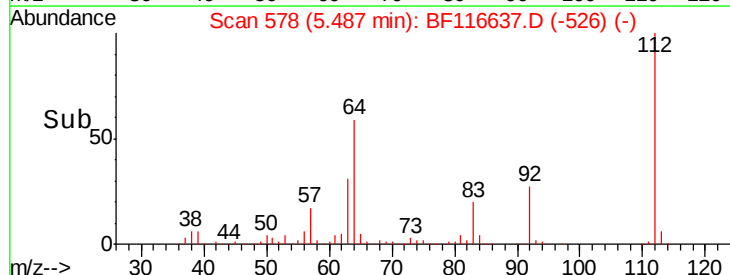
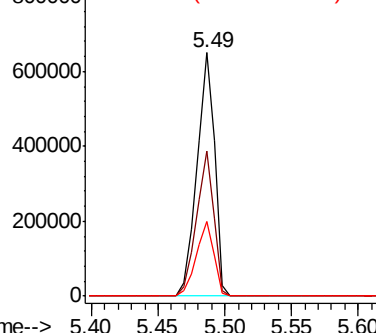


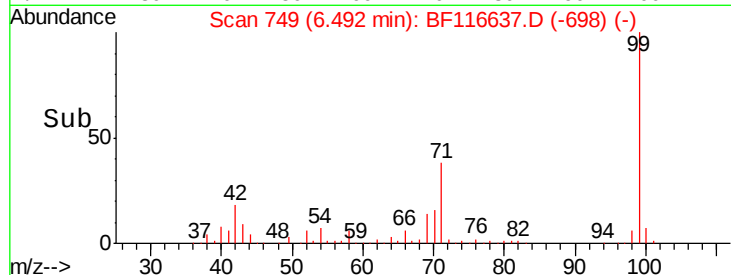
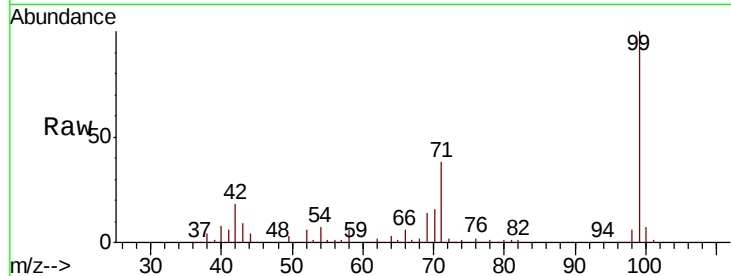
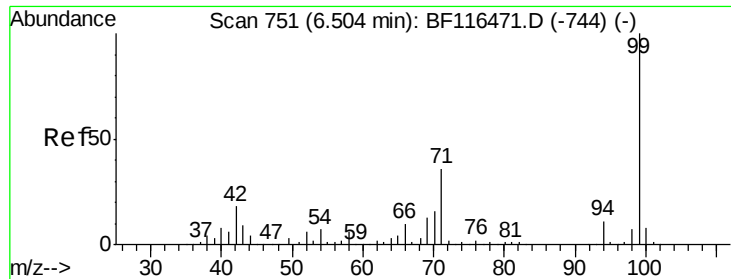
Abundance

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: 118.285 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF116637.D

Acq: 29 Aug 2019 1:29

Tot Ion:	99	Resp:	643571
Ion Ratio	Lower	Upper	
99	100		
42	17.8	13.2	19.8
71	38.1	27.4	41.2

Instrument :

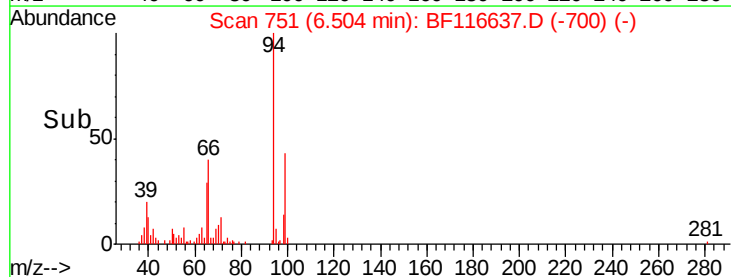
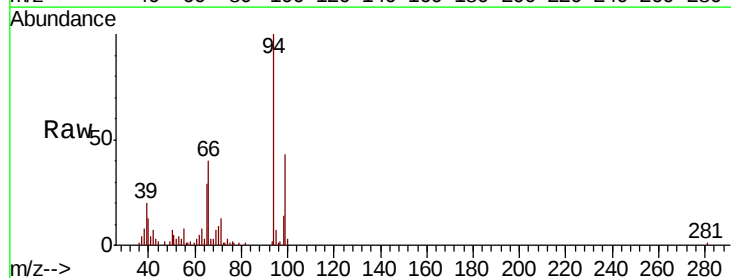
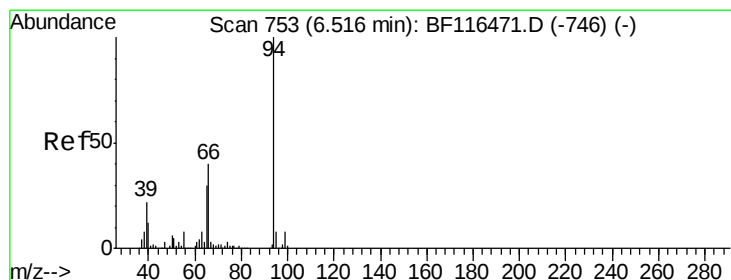
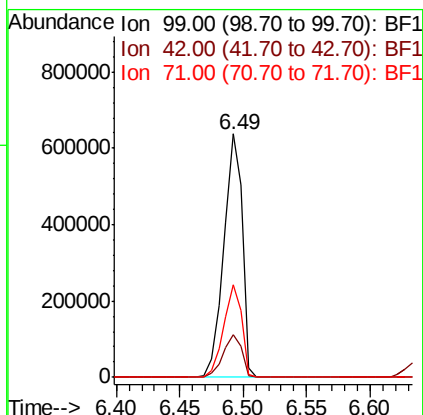
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#10

Phenol

Concen: 5.390 ng

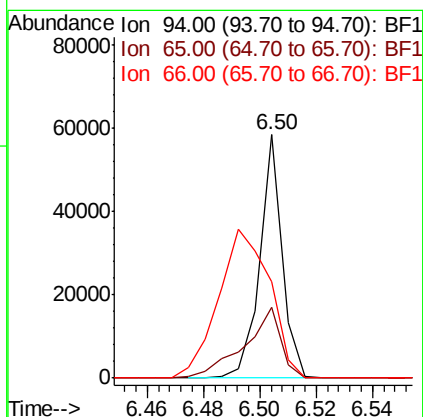
RT: 6.50 min Scan# 751

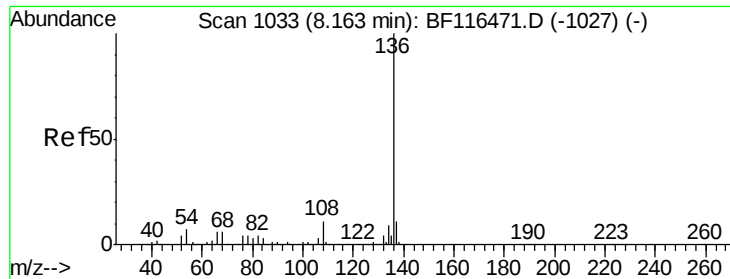
Delta R.T. -0.00 min

Lab File: BF116637.D

Acq: 29 Aug 2019 1:29

Tgt Ion:	94	Resp:	32168
Ion Ratio	Lower	Upper	
94	100		
65	29.1	8.6	48.6
66	39.6	18.0	58.0





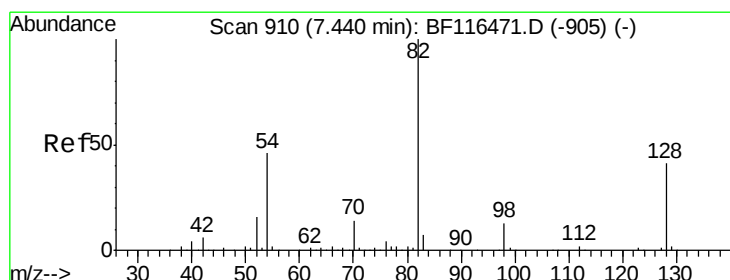
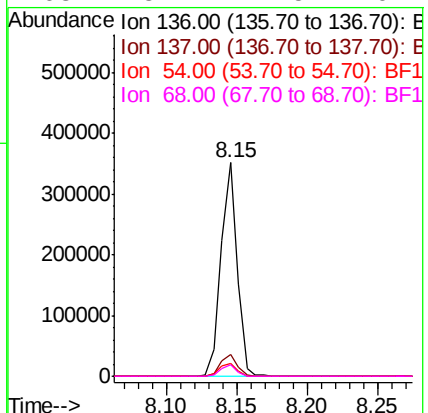
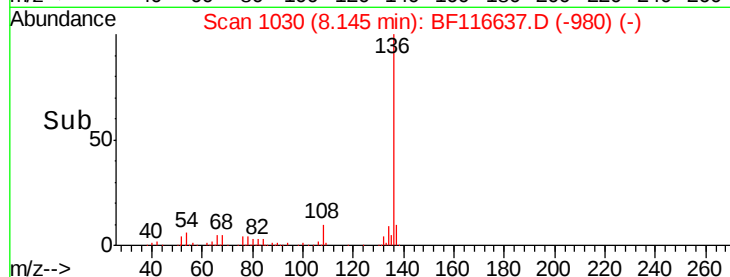
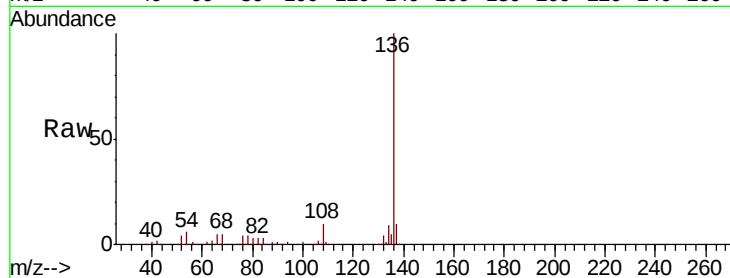
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF116637.D
Acq: 29 Aug 2019 1:29

Instrument :
BNA_F
ClientSampleId :
RBR-200034-RBR-200036

Tot Ion	Ratio	Resp	Lower	Upper
136	100	281274		
137	10.4		8.7	13.1
54	6.2		5.0	7.4
68	5.2		4.5	6.7

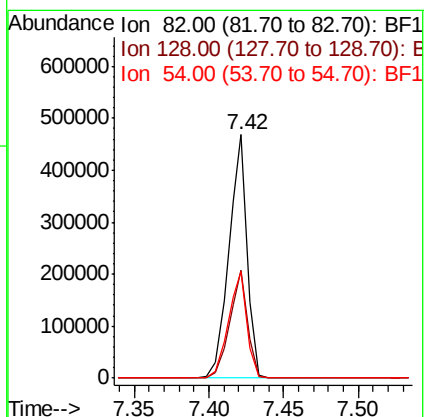
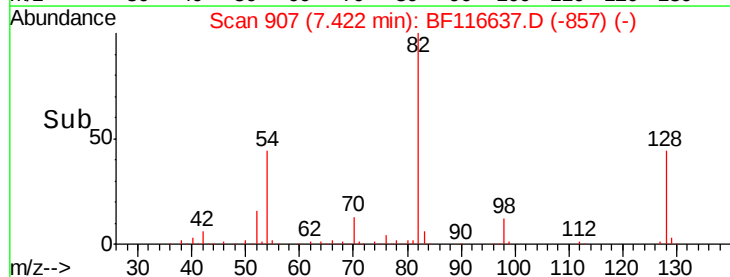
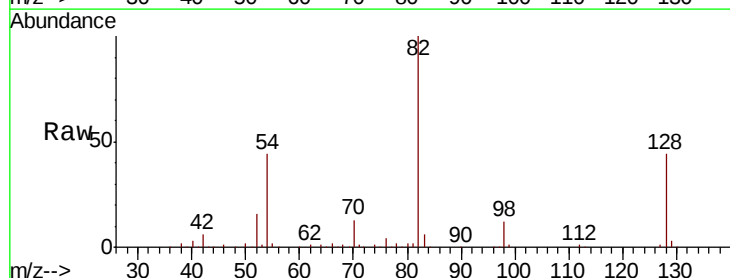
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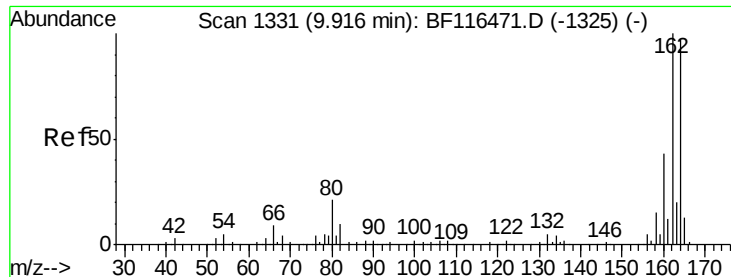
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#23
Nitrobenzene-d5
Concen: 82.473 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF116637.D
Acq: 29 Aug 2019 1:29

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	405408		
128	44.1		35.0	52.6
54	43.9		34.4	51.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF116637.D

Acq: 29 Aug 2019 1:29

Instrument :

BNA_F

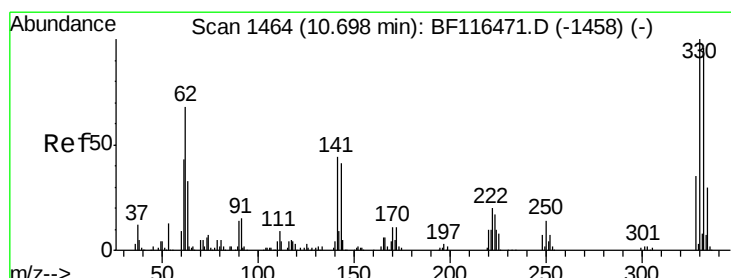
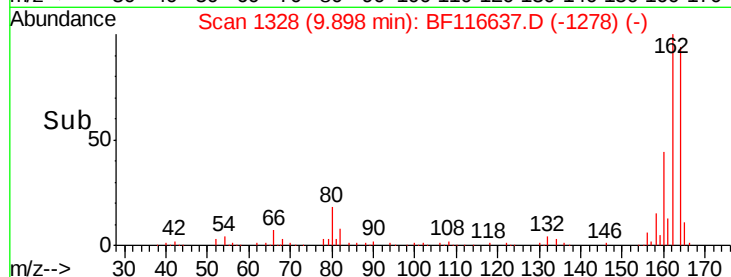
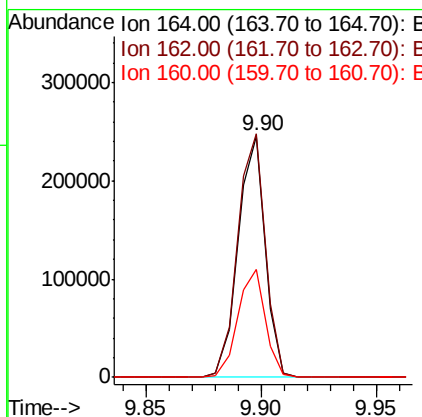
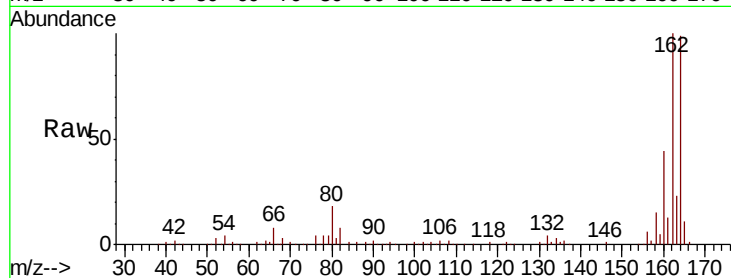
ClientSampleId :

RBR-200034-RBR-200036

Tot Ion:	164	Resp:	200948
Ion Ratio	Lower	Upper	
164	100		
162	101.0	83.4	125.0
160	44.8	37.0	55.4

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#42

2,4,6-Tribromophenol

Concen: 69.513 ng

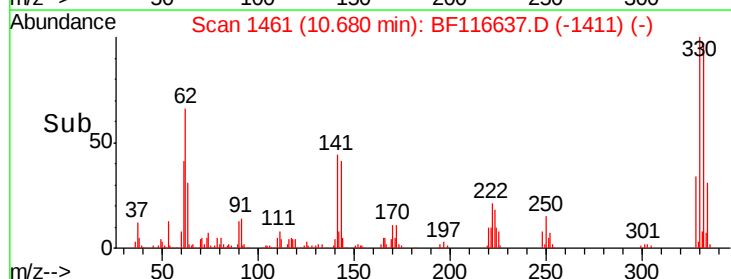
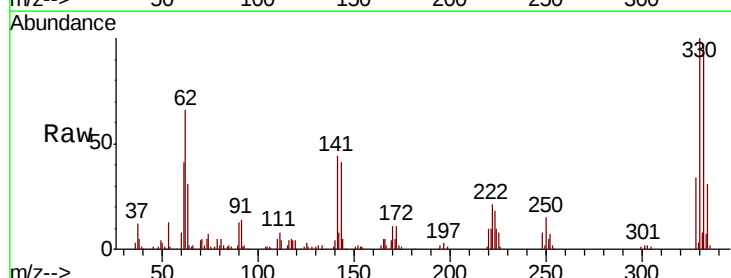
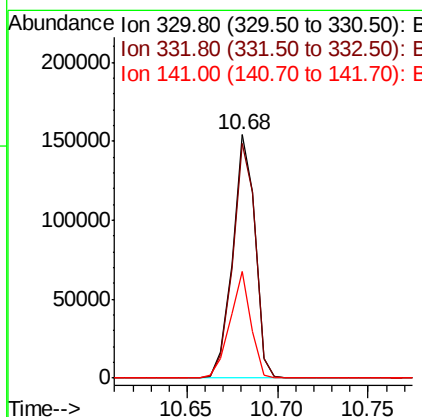
RT: 10.68 min Scan# 1461

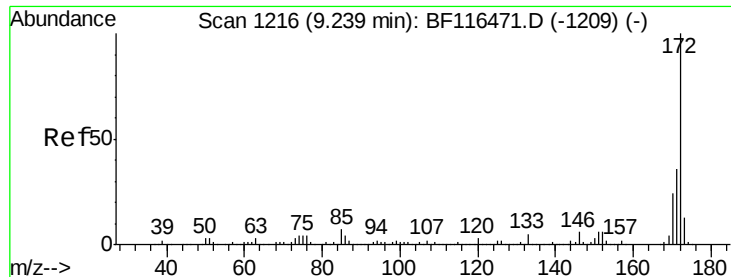
Delta R.T. -0.01 min

Lab File: BF116637.D

Acq: 29 Aug 2019 1:29

Tgt Ion:	330	Resp:	132926
Ion Ratio	Lower	Upper	
330	100		
332	97.4	77.5	116.3
141	40.9	28.2	42.2





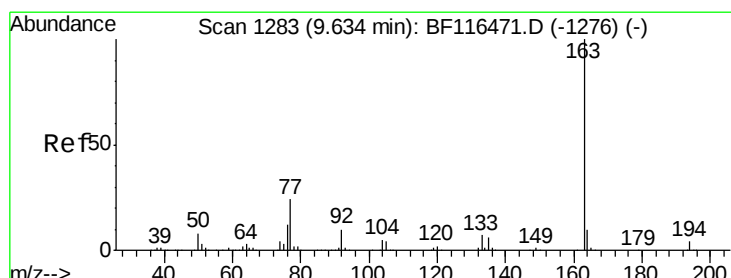
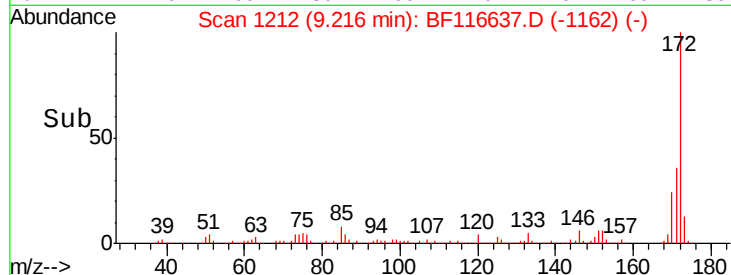
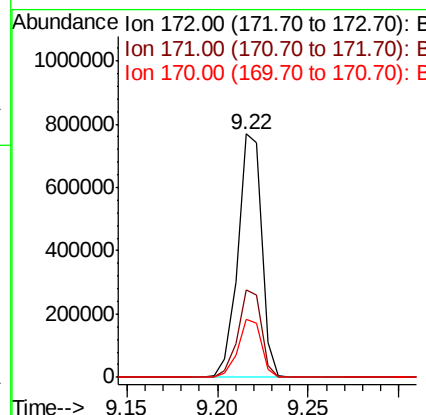
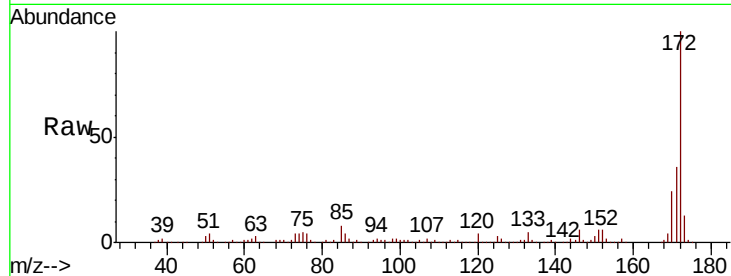
#45
2-Fluorobiphenyl
Concen: 58.362 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF116637.D
Acq: 29 Aug 2019 1:29

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RBR-200034-RBR-200036

Tot Ion	Ratio	Resp Lower	Upper
172	100		
171	35.8	29.0	43.6
170	23.7	19.3	28.9

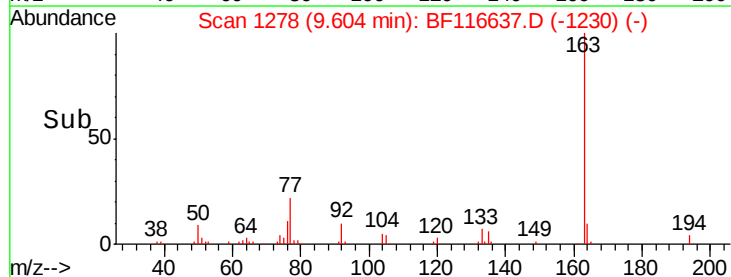
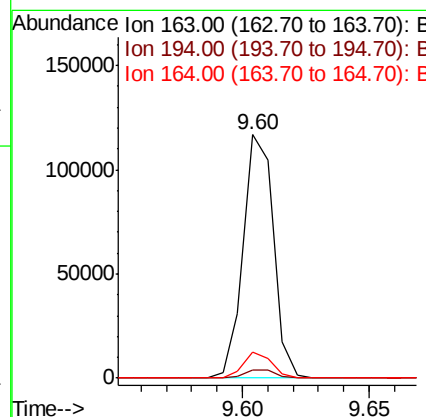
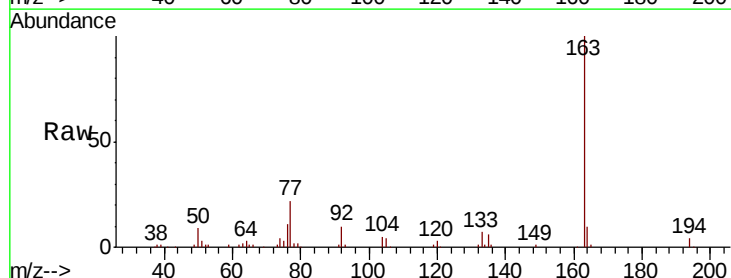
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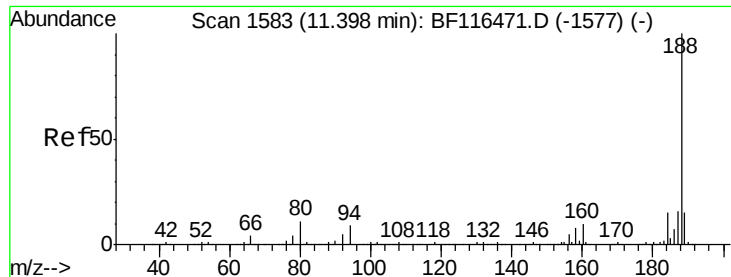
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#50
Dimethylphthalate
Concen: 7.176 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF116637.D
Acq: 29 Aug 2019 1:29

Tgt Ion	Ratio	Resp Lower	Upper
163	100		
194	3.6	3.0	4.6
164	10.5	8.2	12.2





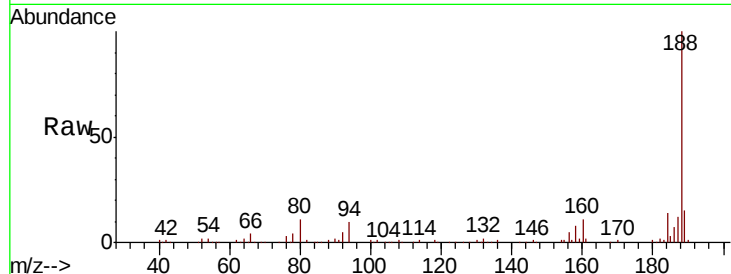
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BF116637.D
Acq: 29 Aug 2019 1:29

Instrument :
BNA_F
ClientSampleId :
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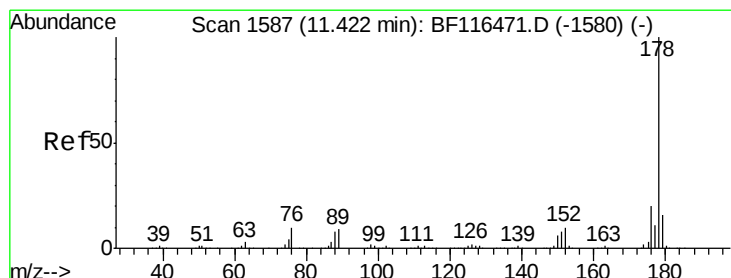
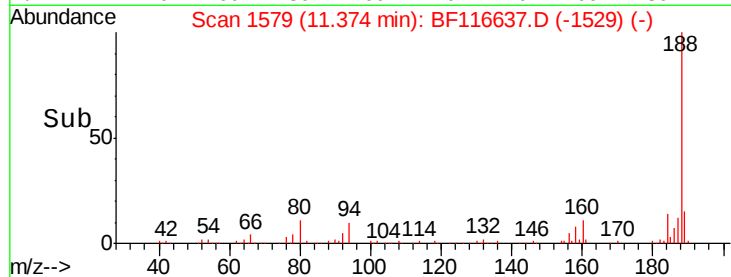
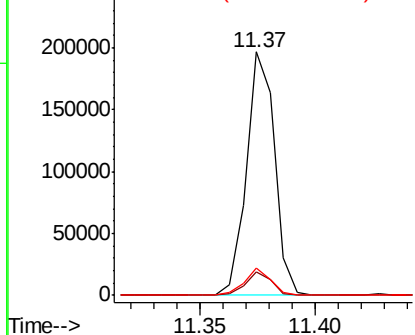
Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.5	8.2	12.4
80	11.0	8.9	13.3

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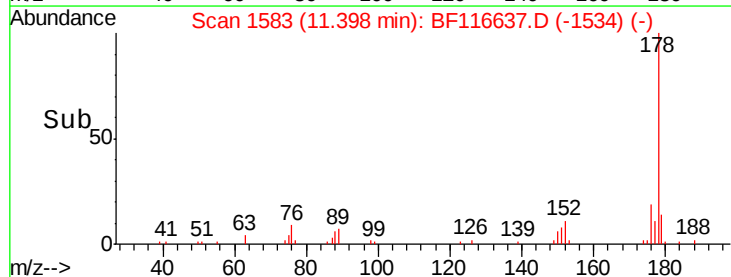
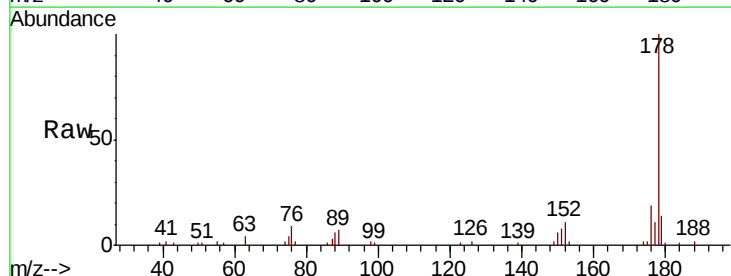
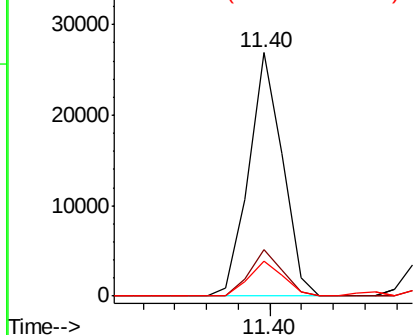
Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

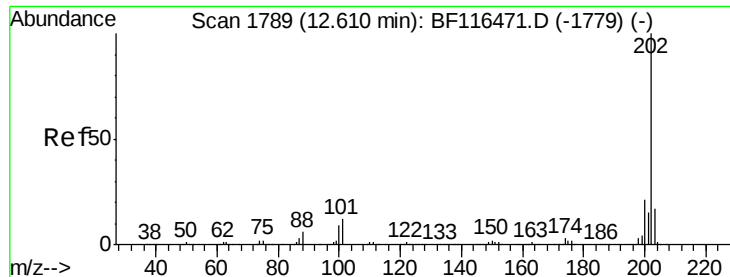


#71
Phenanthrene
Concen: 2.198 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF116637.D
Acq: 29 Aug 2019 1:29

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	18.8	15.5	23.3
179	14.4	12.4	18.6

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#75

Fluoranthene

Concen: 4.704 ng

RT: 12.59 min Scan# 1785

Delta R.T. -0.01 min

Lab File: BF116637.D

Acq: 29 Aug 2019 1:29

Instrument :

BNA_F

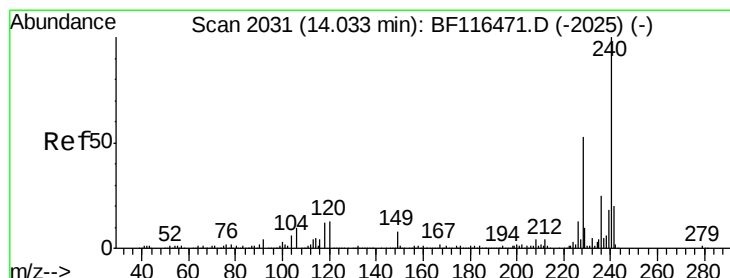
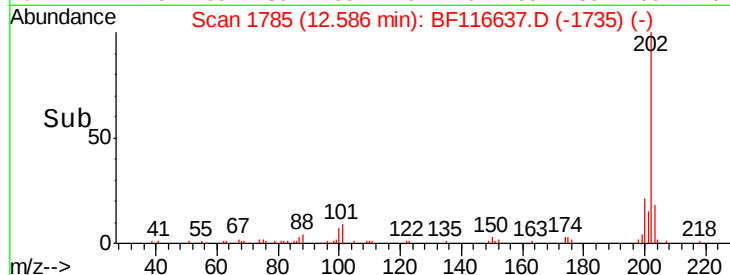
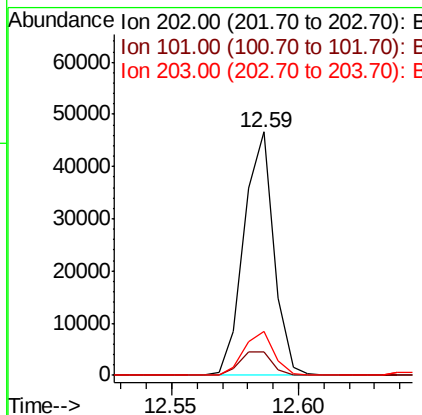
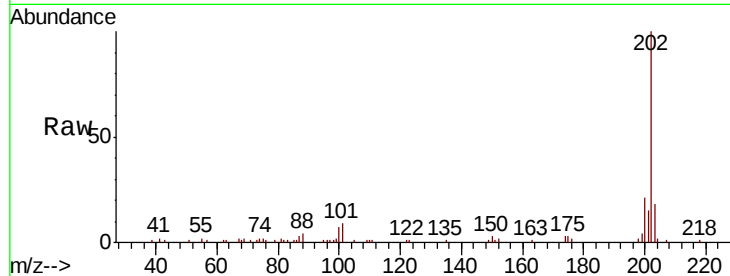
ClientSampleId :

RBR-200034-RBR-200036

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	9.4	0.0	31.8		
203	18.0	0.0	37.1		

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

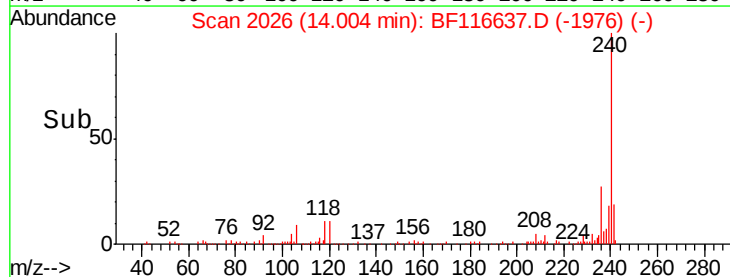
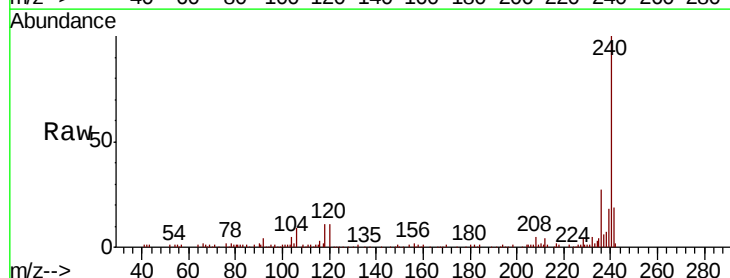
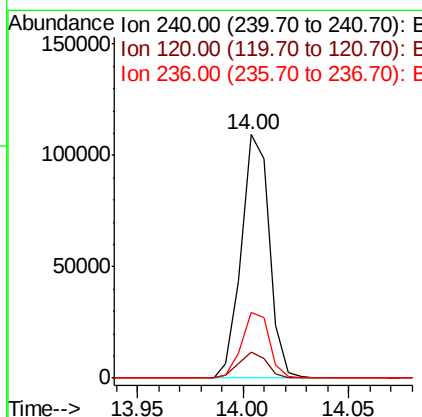
RT: 14.00 min Scan# 2026

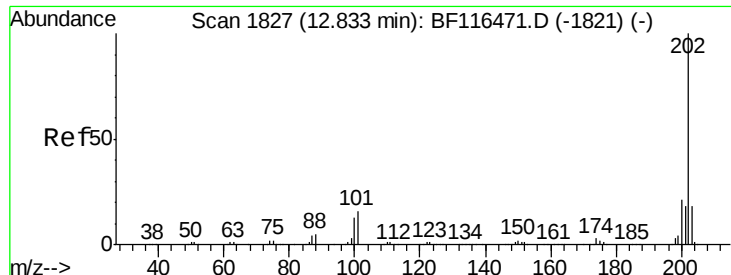
Delta R.T. -0.01 min

Lab File: BF116637.D

Acq: 29 Aug 2019 1:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100				
120	10.7	11.3	16.9#		
236	27.0	21.4	32.2		





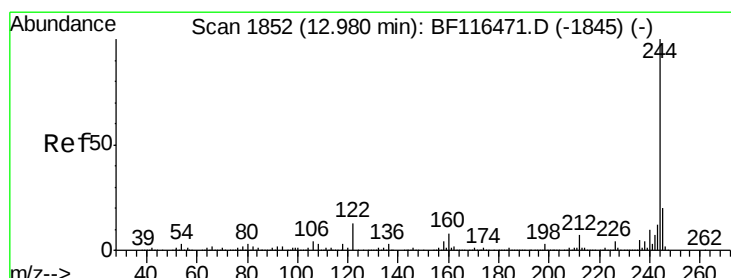
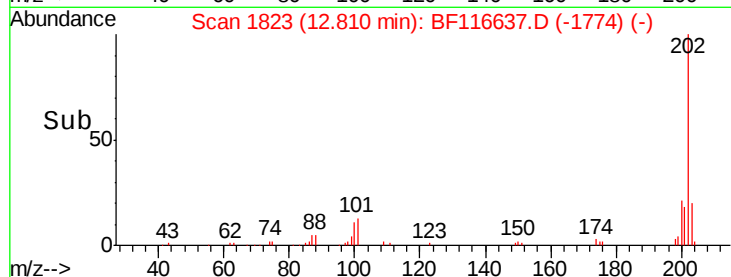
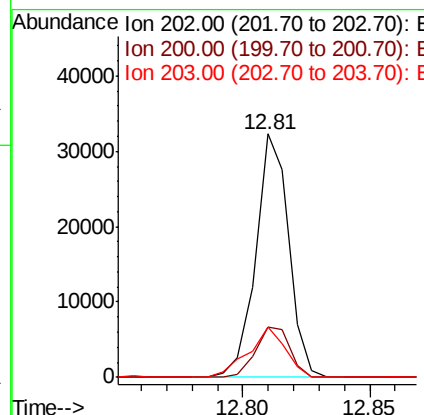
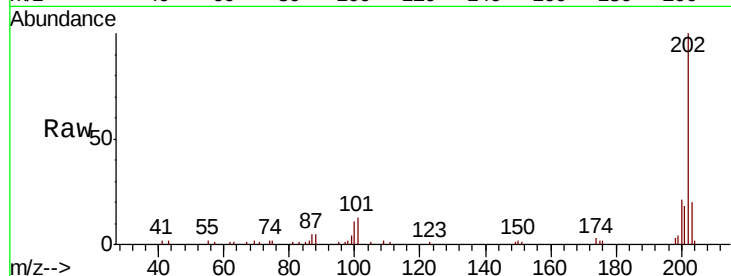
#78
Pvrene
Concen: 3.156 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BF116637.D
Acq: 29 Aug 2019 1:29

Instrument :
BNA_F
ClientSampleId :
RBR-200034-RBR-200036

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.6	17.4	26.0
203	20.5	14.2	21.4

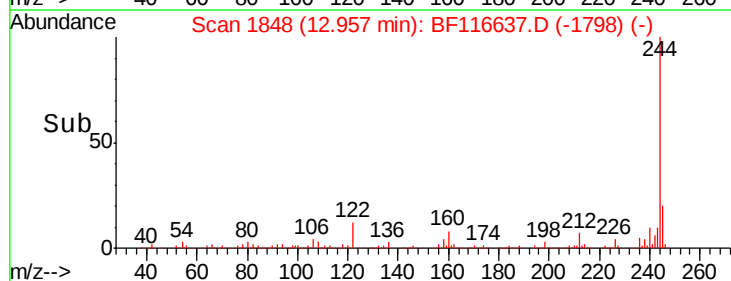
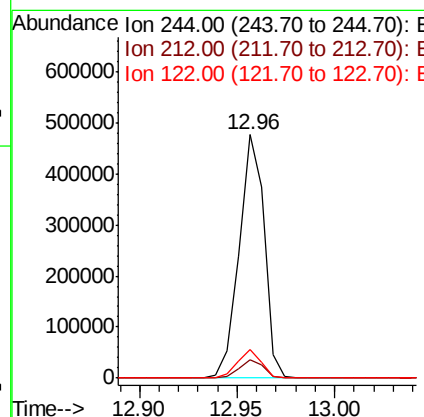
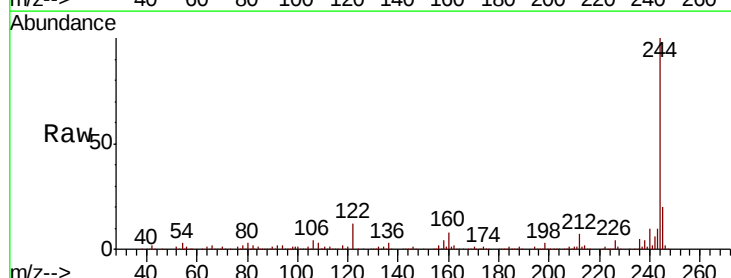
Manual Integrations
APPROVED

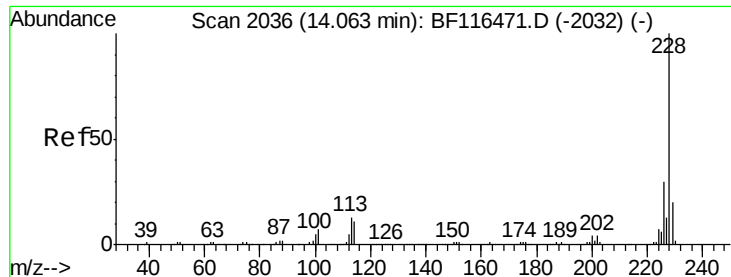
Jagrut
8/29/2019 7:47:30 PM



#79
Terphenyl-d14
Concen: 68.248 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BF116637.D
Acq: 29 Aug 2019 1:29

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.5	5.9	8.9
122	11.6	10.0	15.0





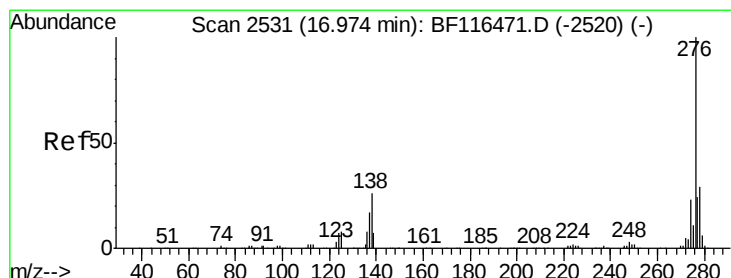
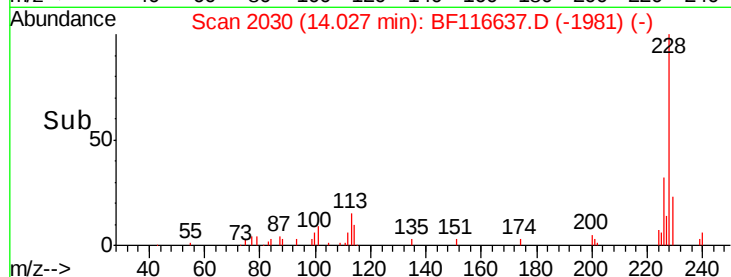
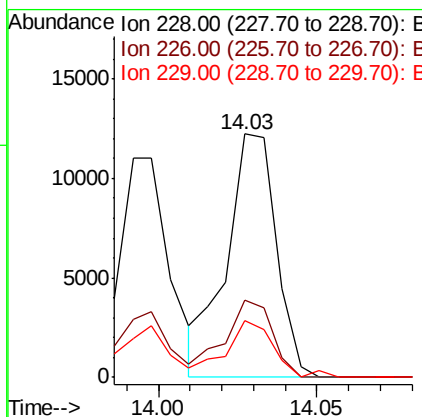
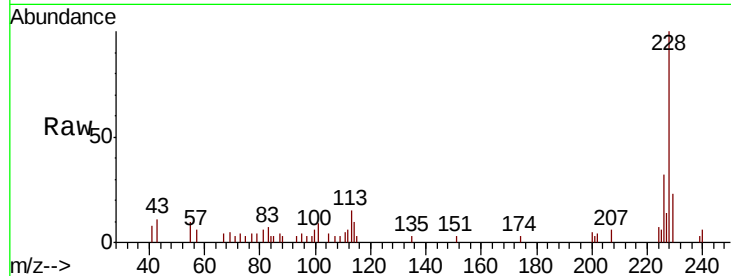
#83
Chrysene
Concen: 2.018 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF116637.D
Acq: 29 Aug 2019 1:29

Instrument :
BNA_F
ClientSampleId :
RBR-200034-RBR-200036

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.8	24.0	36.0
229	23.1	15.8	23.8

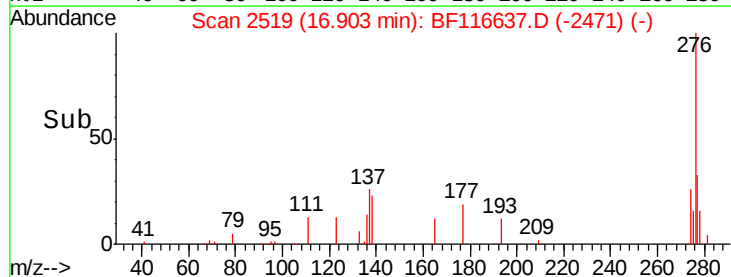
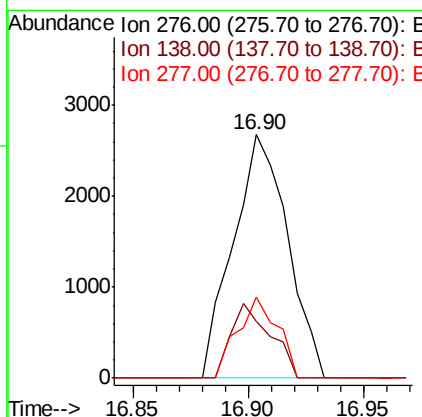
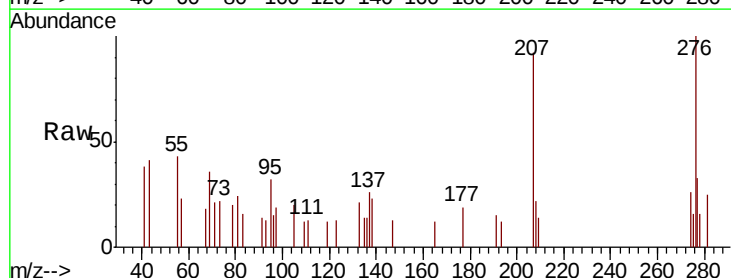
Manual Integrations
APPROVED

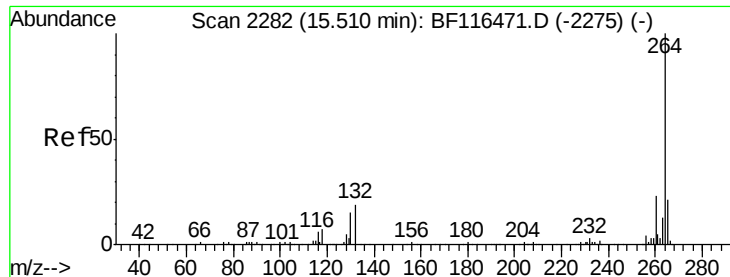
Jagrut
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#86
Indeno(1,2,3-cd)pyrene
Concen: 4.652 ng
RT: 16.90 min Scan# 2519
Delta R.T. -0.02 min
Lab File: BF116637.D
Acq: 29 Aug 2019 1:29

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.2	21.5	32.3
277	24.5	20.0	30.0





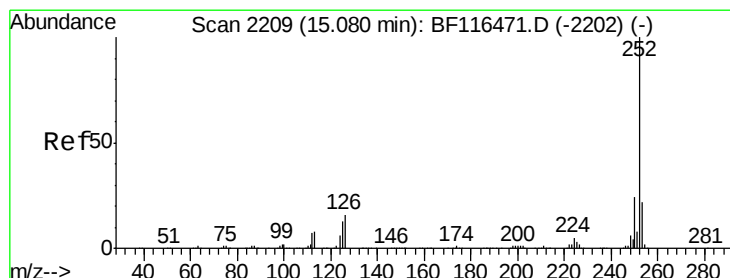
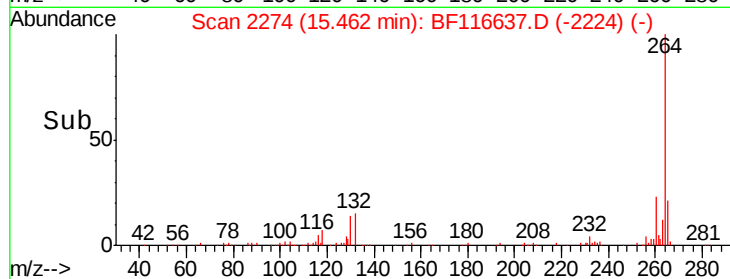
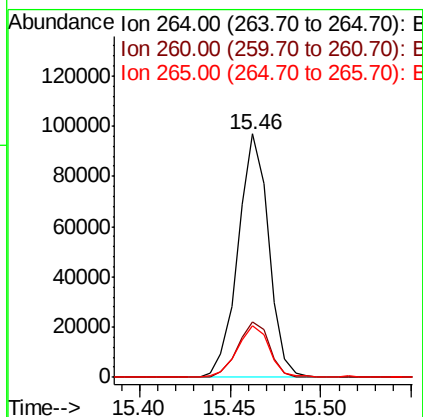
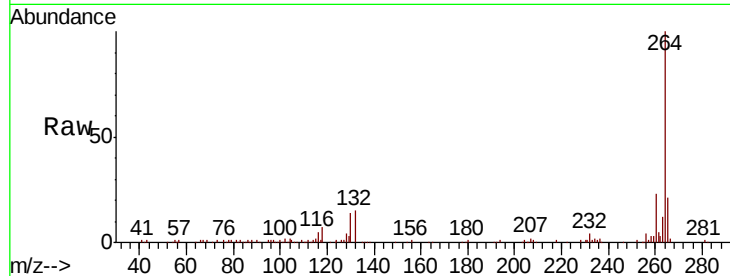
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BF116637.D
Acq: 29 Aug 2019 1:29

Instrument :
BNA_F
ClientSampleId :
RBR-200034-RBR-200036

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	20.0	30.0
265	21.4	17.6	26.4

Manual Integrations
APPROVED

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8/29/2019 7:47:30 PM



#88
Benzo(b)fluoranthene
Concen: 2.177 ng m
RT: 15.03 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BF116637.D
Acq: 29 Aug 2019 1:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.1	17.3	25.9#
125	14.2	9.0	13.6#

