

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081619\
 Data File : BF116337.D
 Acq On : 17 Aug 2019 00:14
 Operator : HP/JU
 Sample : K4355-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200057-200054

Manual Integrations
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mohammad
 8/20/2019 8:37:08 AM

Quant Time: Aug 19 05:45:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	144776	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	542367	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	273819	20.00	ng	-0.04
64) Phenanthrene-d10	11.34	188	432913	20.00	ng	-0.03
76) Chrysene-d12	13.98	240	264631	20.00	ng	-0.03
87) Perylene-d12	15.44	264	286774	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	764307	88.38	ng	-0.02
7) Phenol-d6	6.46	99	1017211	93.23	ng	-0.03
23) Nitrobenzene-d5	7.38	82	632852	67.35	ng	-0.04
42) 2,4,6-Tribromophenol	10.64	330	226485	85.31	ng	-0.04
45) 2-Fluorobiphenyl	9.17	172	1082197	74.03	ng	-0.04
79) Terphenyl-d14	12.92	244	943857	75.16	ng	-0.04
Target Compounds						
50) Dimethylphthalate	9.56	163	184491	9.895	ng	99
71) Phenanthrene	11.36	178	141271	6.383	ng	98
75) Fluoranthene	12.55	202	292464	12.623	ng	98
78) Pyrene	12.78	202	251152	12.590	ng	98
80) Butylbenzylphthalate	13.38	149	208153	24.668	ng	93
81) Benzo(a)anthracene	13.97	228	114161	6.749	ng	99
83) Chrysene	14.00	228	110573	6.734	ng	98
84) Bis(2-ethylhexyl)phthalate	13.94	149	65969	6.016	ng	100
86) Indeno(1,2,3-cd)pyrene	16.91	276	63463	4.601	ng	94
88) Benzo(b)fluoranthene	15.02	252	144380m	8.707	ng	
89) Benzo(k)fluoranthene	15.04	252	39390m	2.439	ng	
90) Benzo(a)pyrene	15.38	252	85022	5.736	ng	# 96
92) Benzo(a,h,i)perylene	17.36	276	61795	4.904	ng	96

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

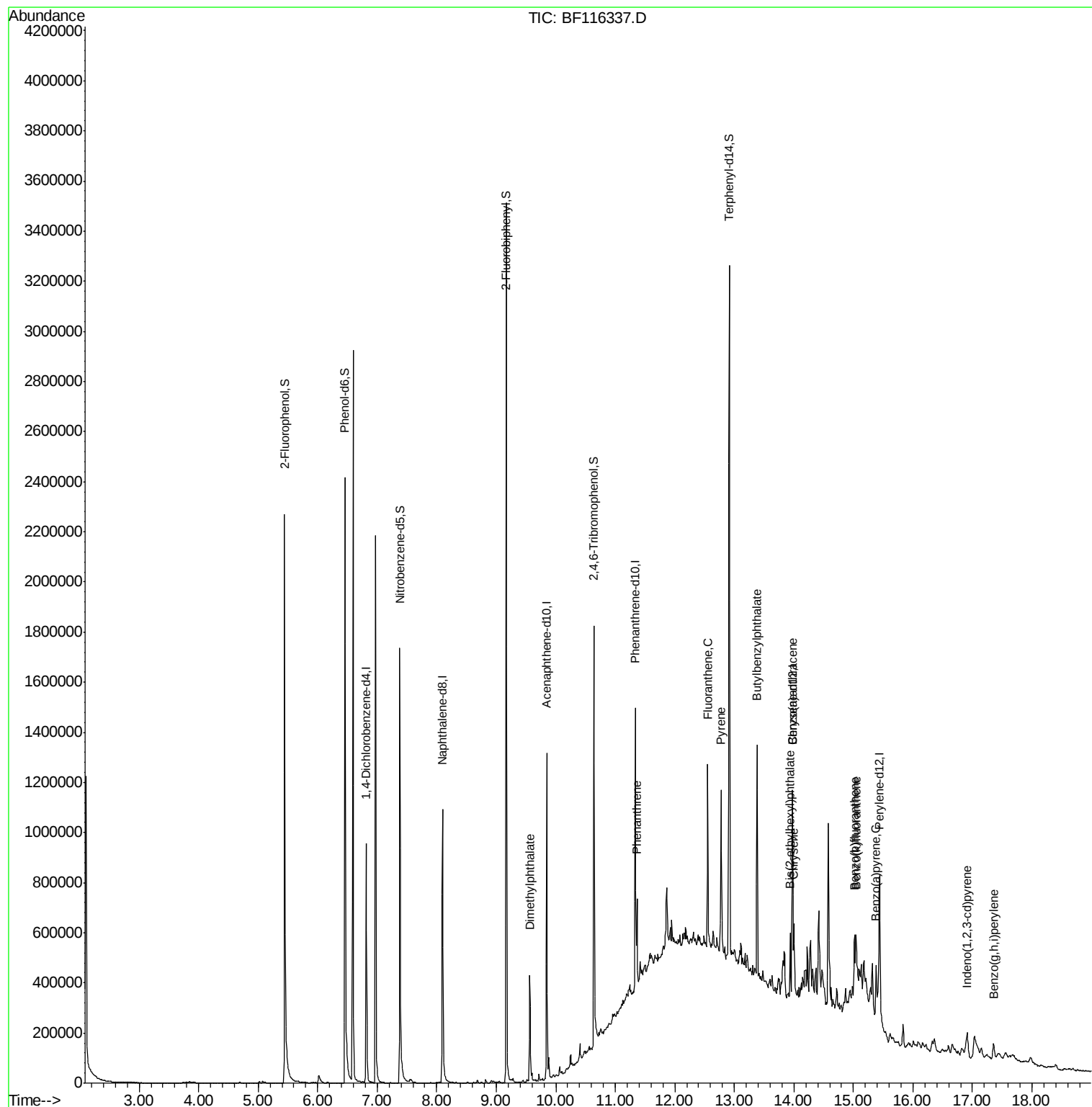
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081619\
Data File : BF116337.D
Acq On : 17 Aug 2019 00:14
Operator : HP/JU
Sample : K4355-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

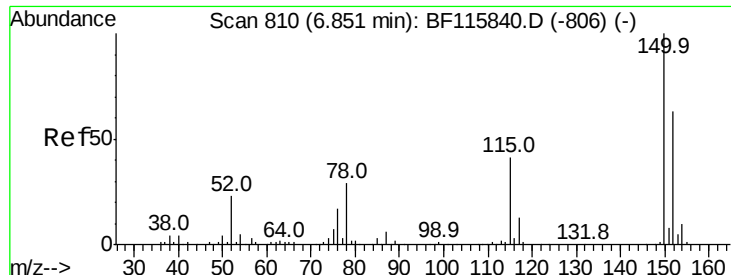
Instrument :
BNA_F
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Quant Time: Aug 19 05:45:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

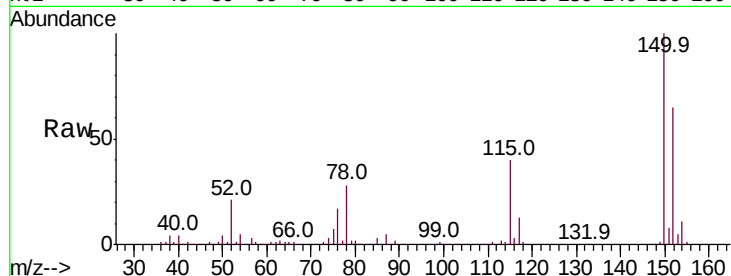
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.03 min
Lab File: BF116337.D
Acq: 17 Aug 2019 00:14

Instrument :
BNA_F
ClientSampleId :
RBR-200057-200054

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.0	126.2	189.2
115	60.9	49.9	74.9

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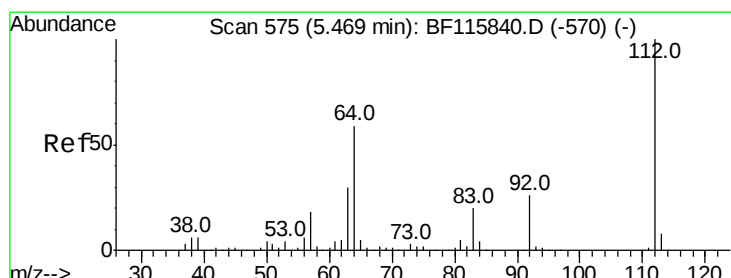
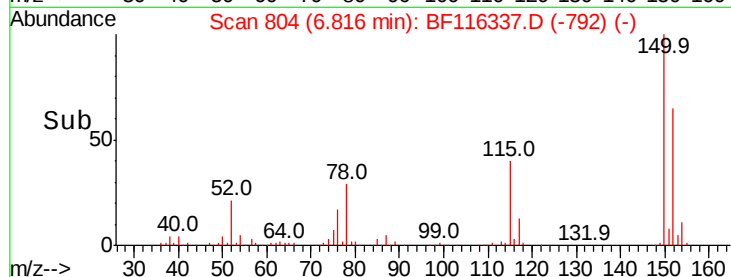
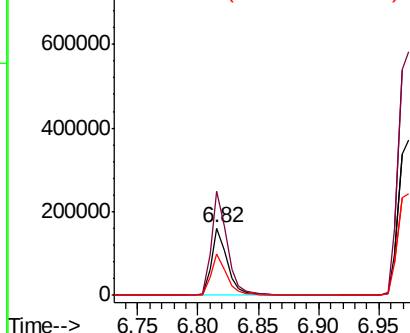


Abundance

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



#5

2-Fluorophenol
Concen: 88.378 ng
RT: 5.45 min Scan# 571
Delta R.T. -0.02 min
Lab File: BF116337.D
Acq: 17 Aug 2019 00:14

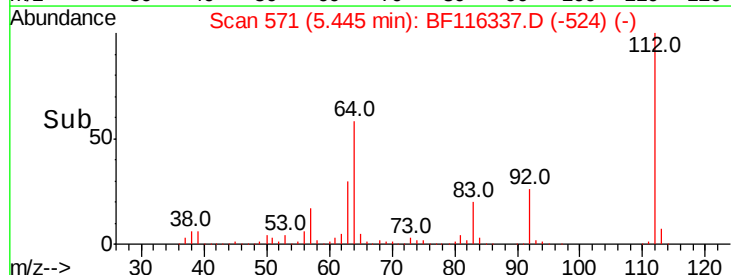
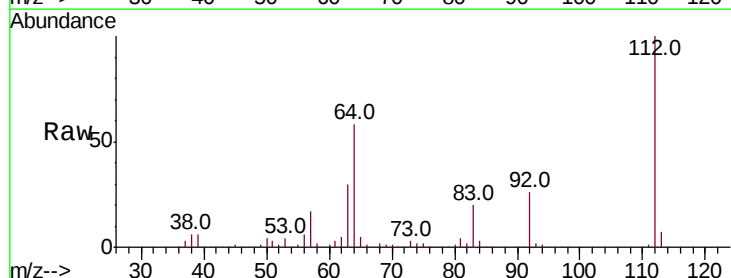
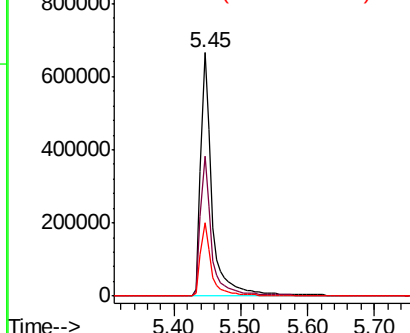
Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.5	45.4	68.2
63	30.0	23.7	35.5

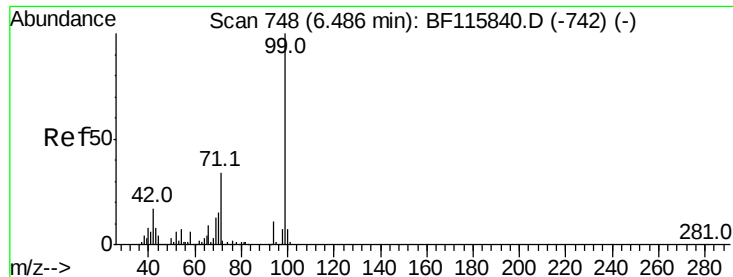
Abundance

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: 93.226 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.03 min

Lab File: BF116337.D

Acq: 17 Aug 2019 00:14

Instrument :

BNA_F

ClientSampleId :

RBR-200057-200054

Tot Ion: 99 Resp: 1017211

Ion Ratio Lower Upper

99 100

42 16.7 13.8 20.8

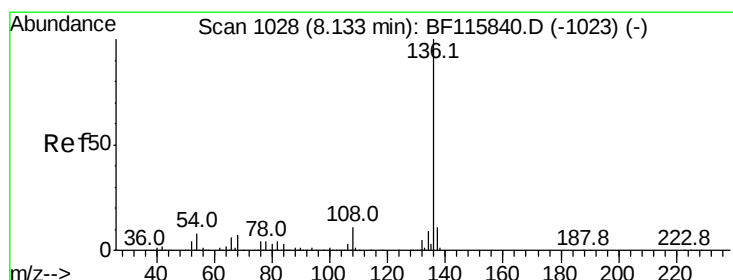
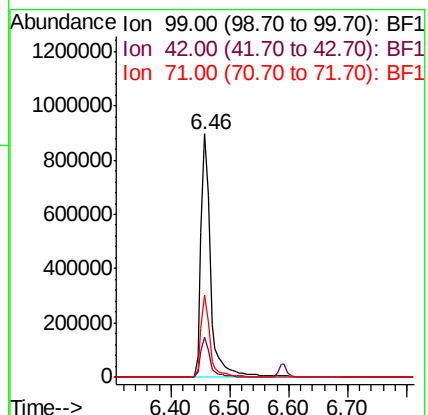
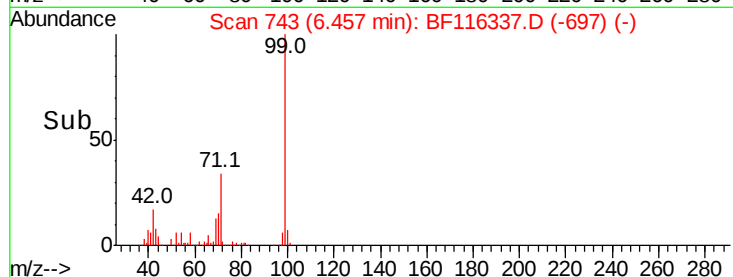
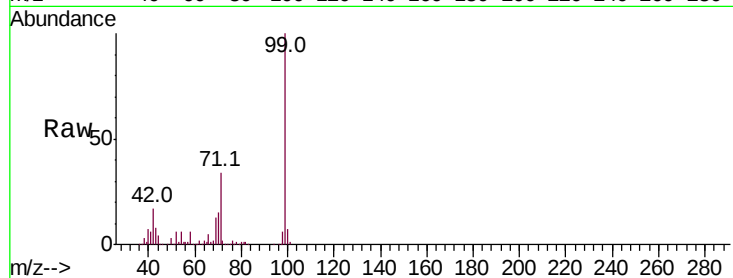
71 33.7 27.3 40.9

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.03 min

Lab File: BF116337.D

Acq: 17 Aug 2019 00:14

Tgt Ion: 136 Resp: 542367

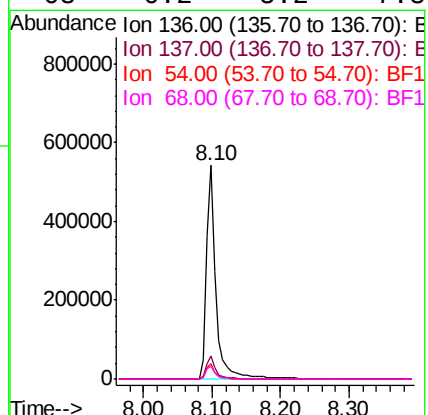
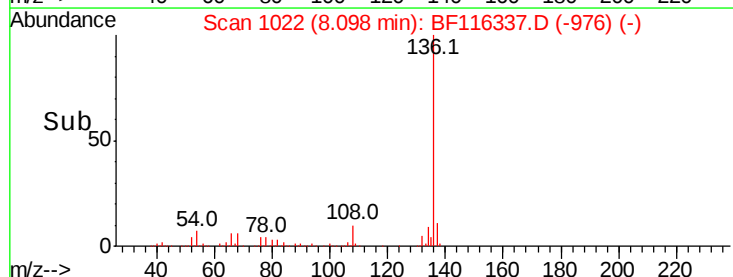
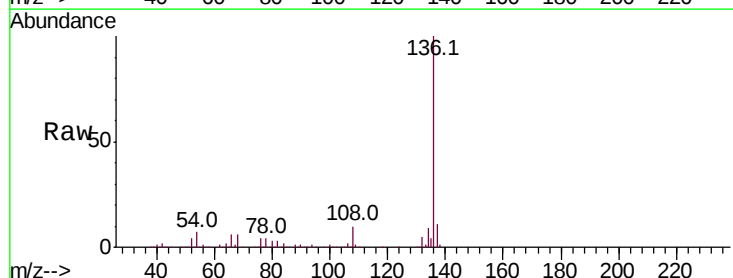
Ion Ratio Lower Upper

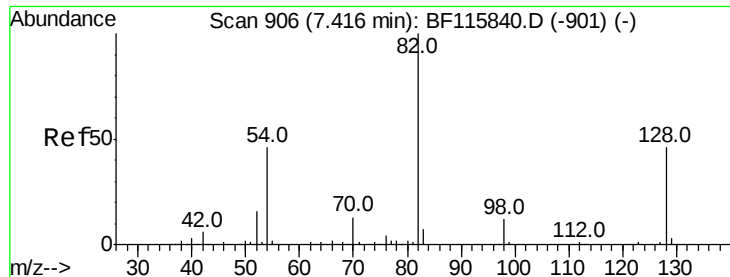
136 100

137 11.1 9.0 13.4

54 7.0 5.8 8.6

68 6.2 5.2 7.8





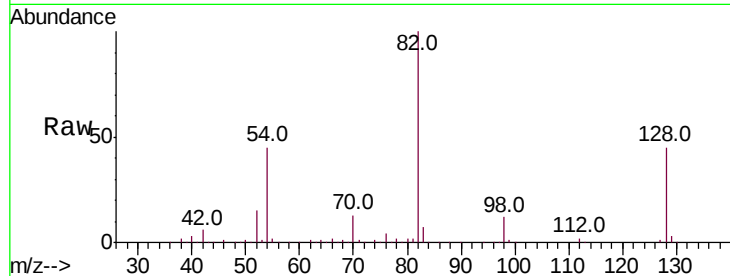
#23
Nitrobenzene-d5
Concen: 67.353 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.04 min
Lab File: BF116337.D
Acq: 17 Aug 2019 00:14

Instrument :
BNA_F
ClientSampleId :
RBR-200057-200054

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.1	36.5	54.7
54	44.6	36.0	54.0

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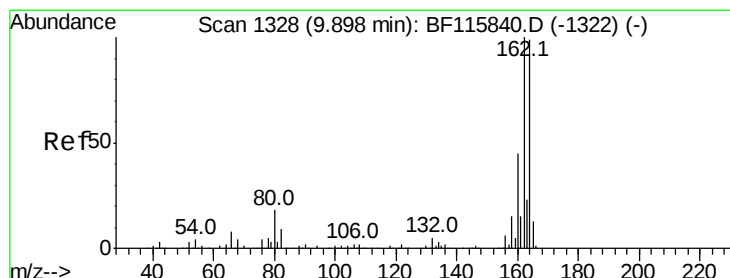
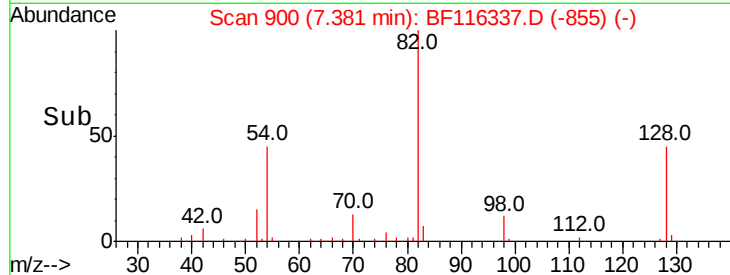
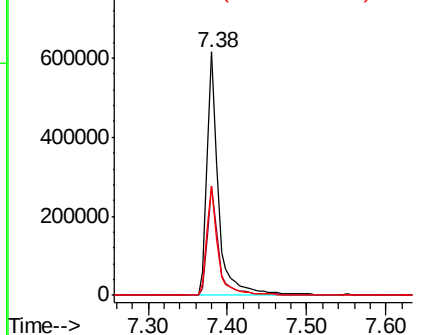


Abundance

Ion 82.00 (81.70 to 82.70): BF1

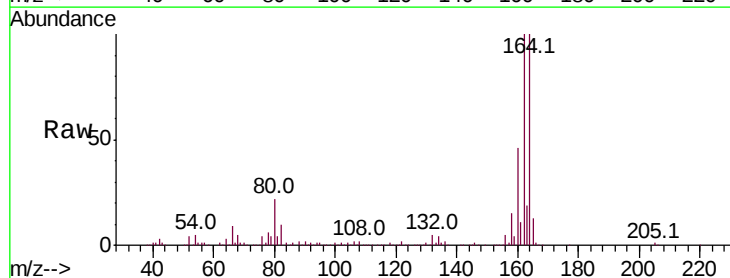
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.04 min
Lab File: BF116337.D
Acq: 17 Aug 2019 00:14

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.6	82.6	124.0
160	46.0	37.6	56.4

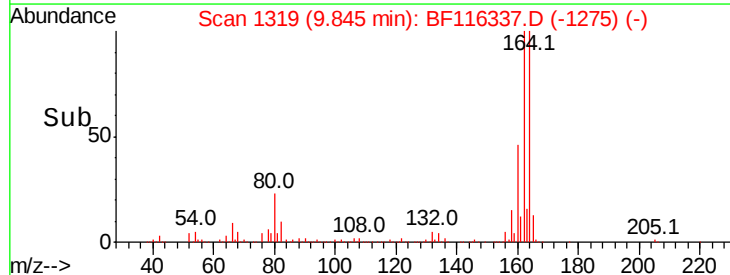
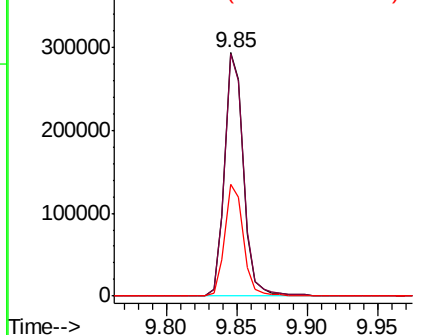


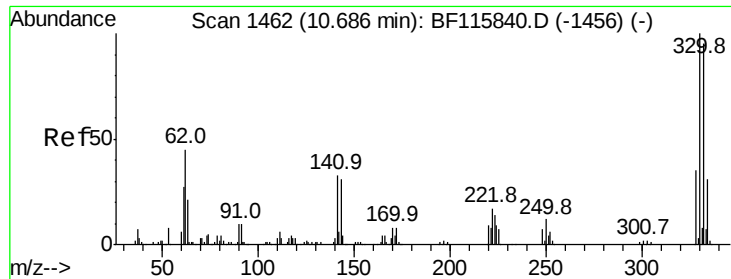
Abundance

Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1





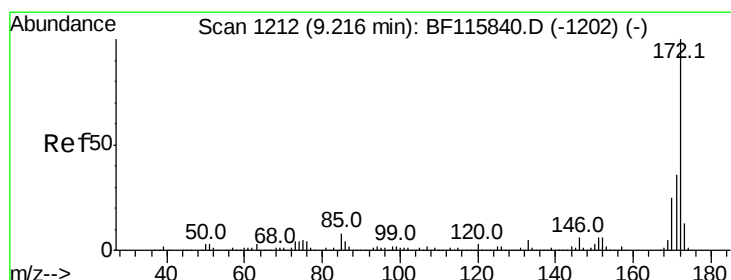
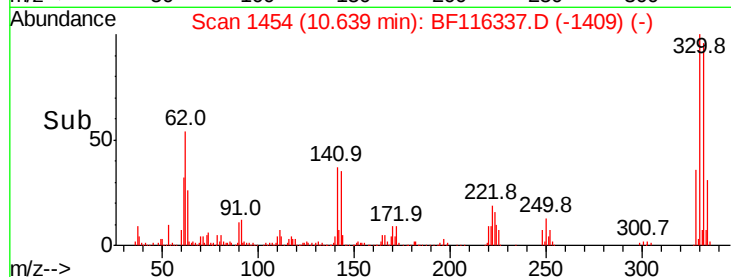
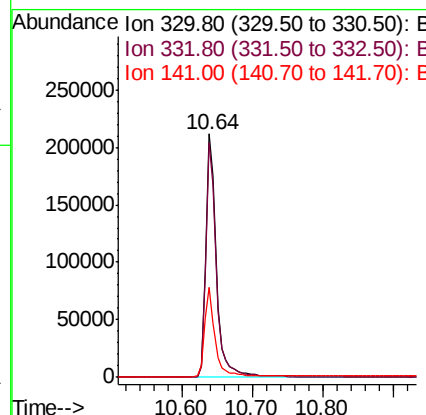
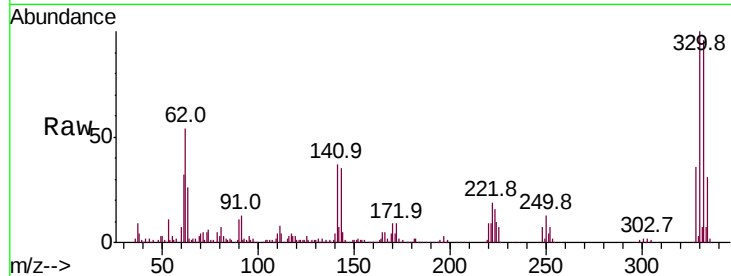
#42
 2,4,6-Tribromophenol
 Concen: 85.313 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.04 min
 Lab File: BF116337.D
 Acq: 17 Aug 2019 00:14

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200057-200054

Tot Ion	Ratio	Resp	Lower	Upper
330	100	226485		
332	95.5	76.8	115.2	
141	35.8	26.3	39.5	

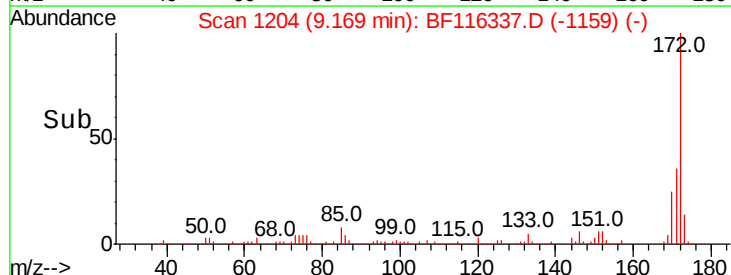
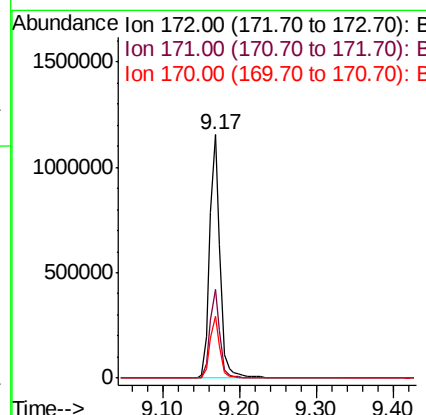
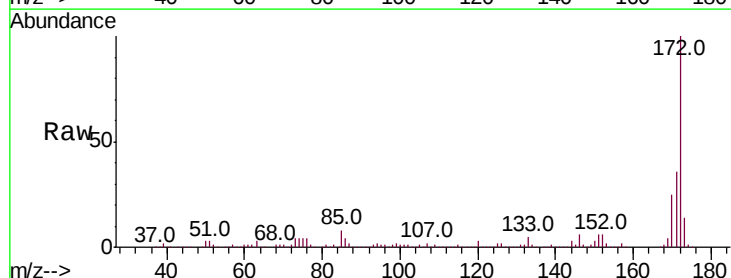
Manual Integrations
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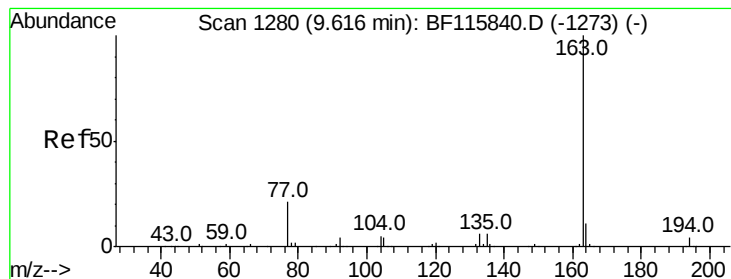
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#45
 2-Fluorobiphenyl
 Concen: 74.028 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.04 min
 Lab File: BF116337.D
 Acq: 17 Aug 2019 00:14

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1082197		
171	36.4	29.6	44.4	
170	25.2	20.1	30.1	





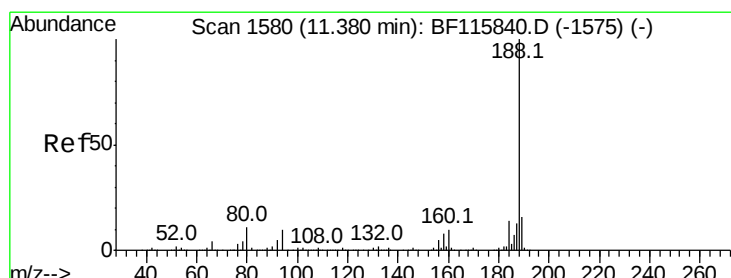
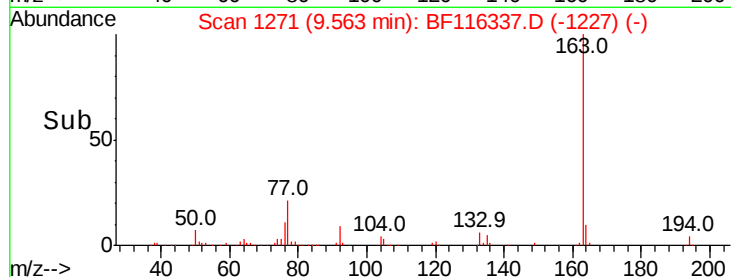
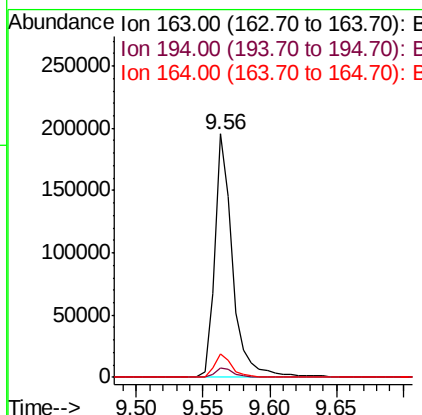
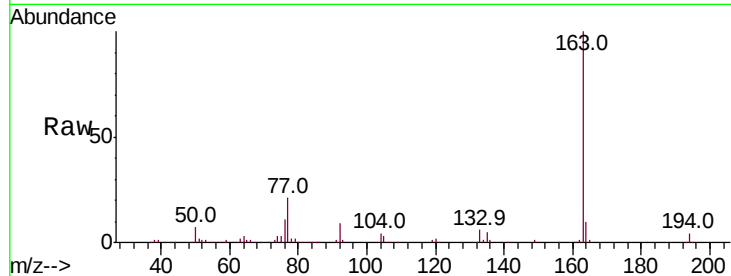
#50
 Dimethylphthalate
 Concen: 9.895 ng
 RT: 9.56 min Scan# 1271
 Delta R.T. -0.04 min
 Lab File: BF116337.D
 Acq: 17 Aug 2019 00:14

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200057-200054

Tot Ion	Ratio	Resp	Lower	Upper
163	100	184491		
194	3.9		3.0	4.6
164	9.8		8.4	12.6

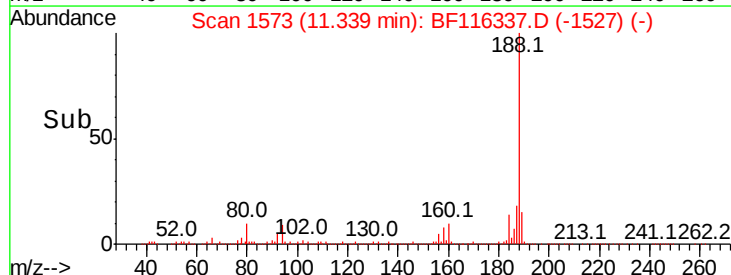
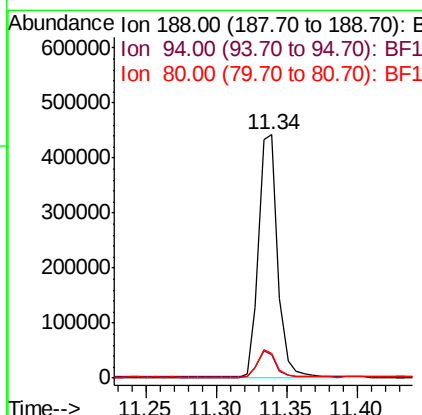
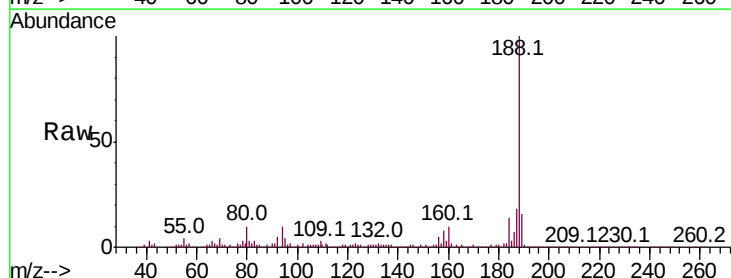
Manual Integrations
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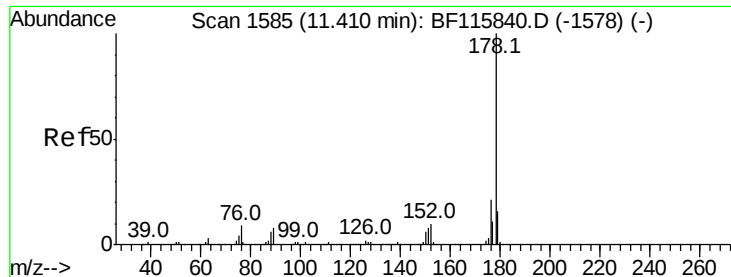
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 8/20/2019 8:37:08 AM



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. -0.03 min
 Lab File: BF116337.D
 Acq: 17 Aug 2019 00:14

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	432913		
94	9.6		8.1	12.1
80	9.9		8.7	13.1





#71

Phenanthrene

Concen: 6.383 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.04 min

Lab File: BF116337.D

Acq: 17 Aug 2019 00:14

Instrument :

BNA_F

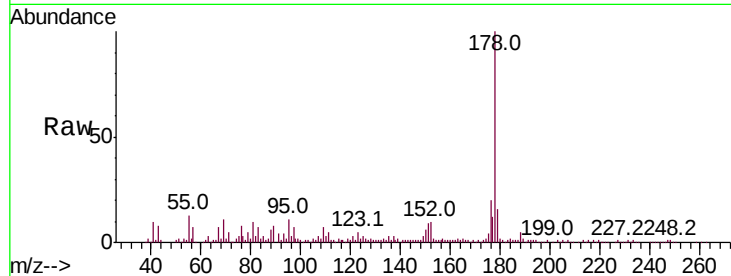
ClientSampleId :

RBR-200057-200054

Tot Ion:	178	Resp:	141271
Ion Ratio	Lower	Upper	
178	100		
176	19.7	16.6	24.8
179	16.5	12.5	18.7

Manual Integrations
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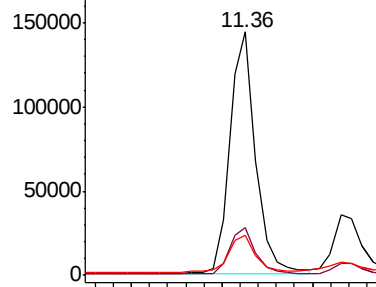


Abundance

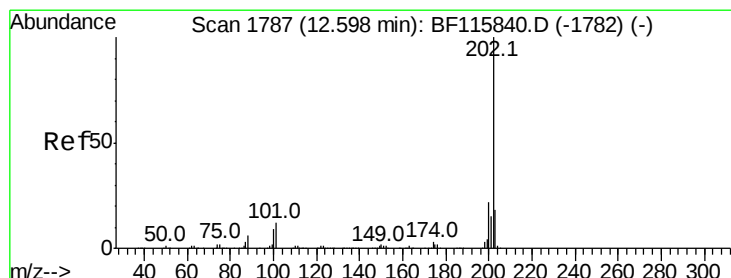
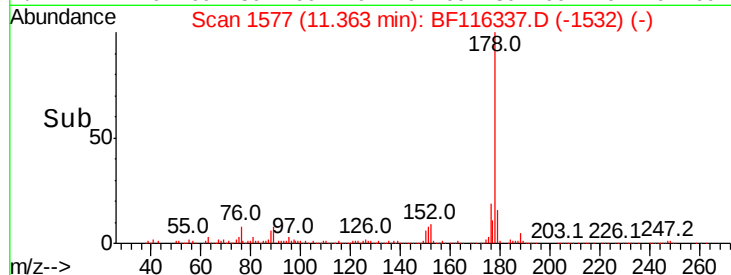
Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#75

Fluoranthene

Concen: 12.623 ng

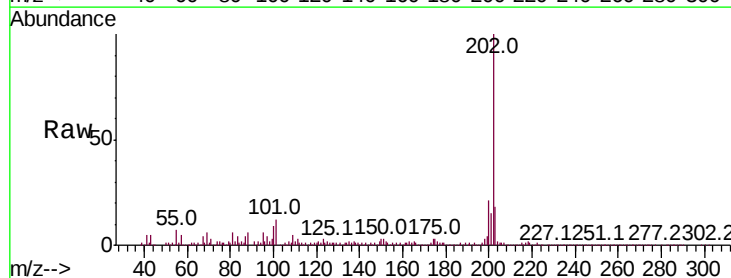
RT: 12.55 min Scan# 1779

Delta R.T. -0.04 min

Lab File: BF116337.D

Acq: 17 Aug 2019 00:14

Tgt Ion:	202	Resp:	292464
Ion Ratio	Lower	Upper	
202	100		
101	12.5	0.0	31.2
203	18.1	0.0	37.8

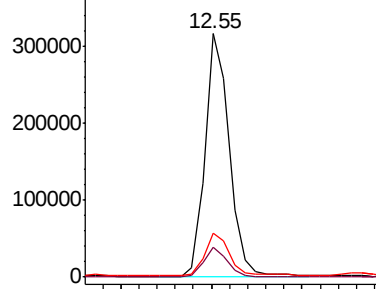


Abundance

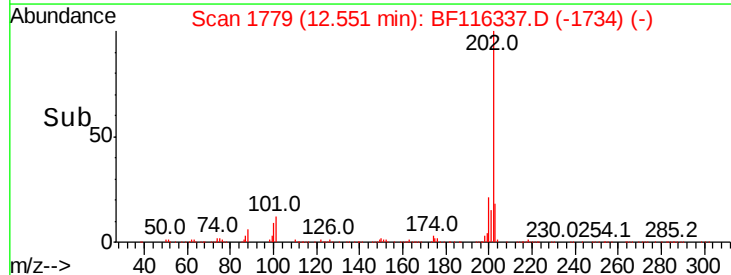
Ion 202.00 (201.70 to 202.70): E

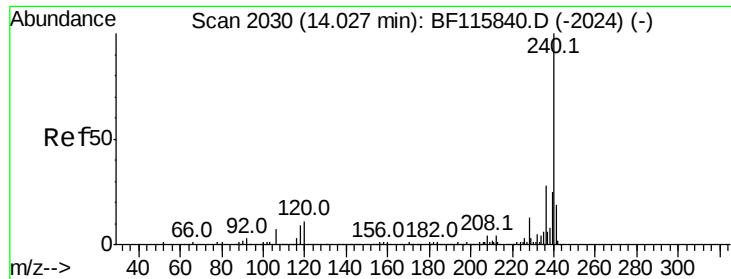
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->





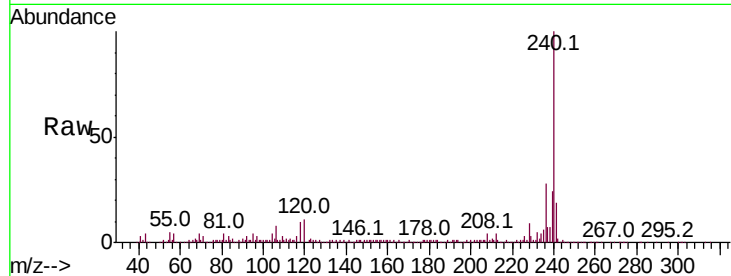
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.03 min
Lab File: BF116337.D
Acq: 17 Aug 2019 00:14

Instrument :
BNA_F
ClientSampleId :
RBR-200057-200054

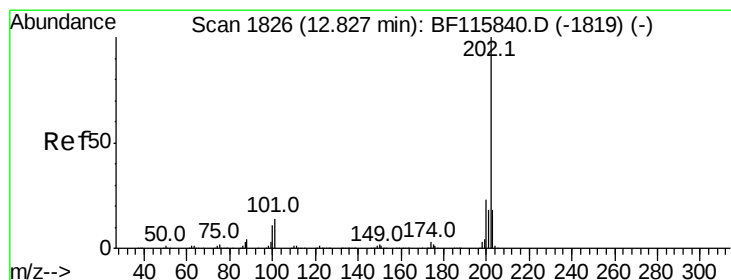
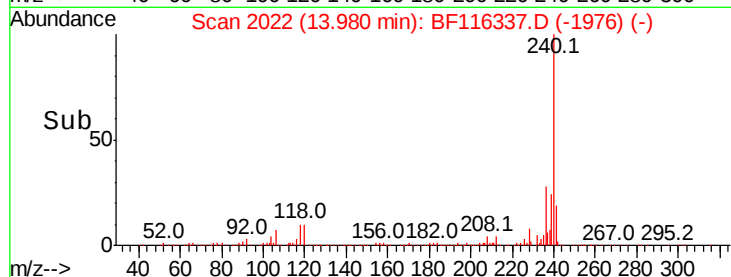
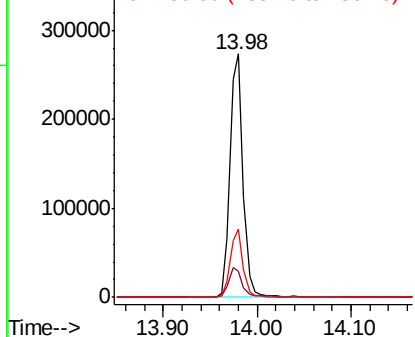
Tot Ion:	240	Resp:	264631
Ion Ratio	Lower	Upper	
240	100		
120	10.8	10.7	16.1
236	27.9	22.2	33.2

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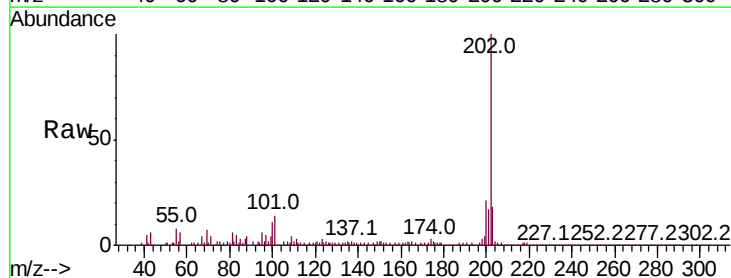


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

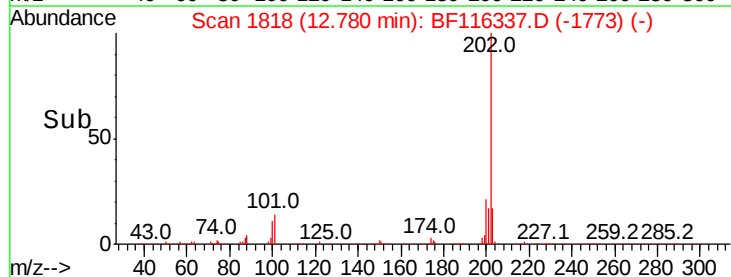
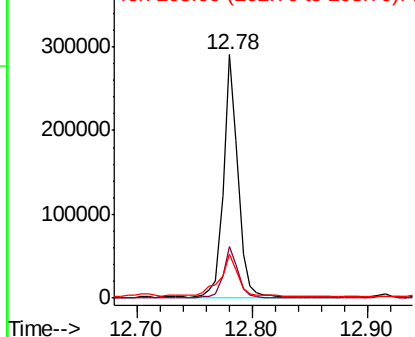


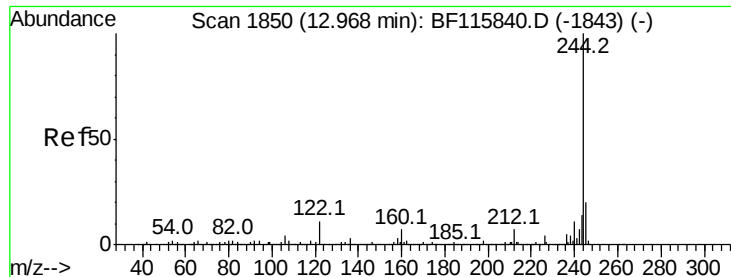
#78
Pyrene
Concen: 12.590 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.04 min
Lab File: BF116337.D
Acq: 17 Aug 2019 00:14

Tgt Ion:	202	Resp:	251152
Ion Ratio	Lower	Upper	
202	100		
200	21.2	18.0	27.0
203	17.9	14.1	21.1



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: 75.156 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.04 min

Lab File: BF116337.D

Acq: 17 Aug 2019 00:14

Instrument :

BNA_F

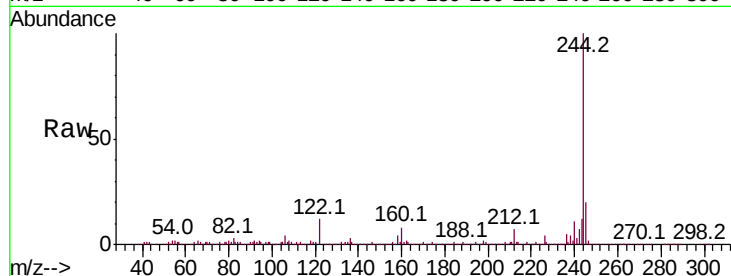
ClientSampleId :

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Tot Ion:	244	Resp:	943857
Ion Ratio	Lower	Upper	
244	100		
212	7.2	5.8	8.8
122	11.9	9.0	13.4

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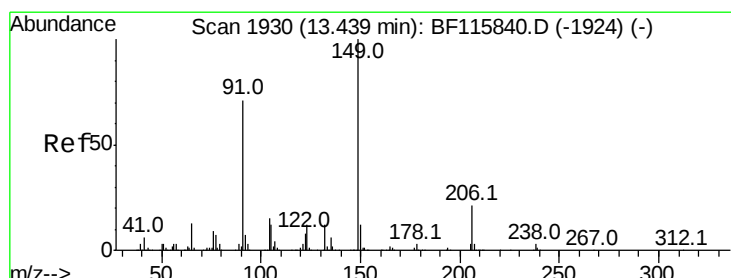
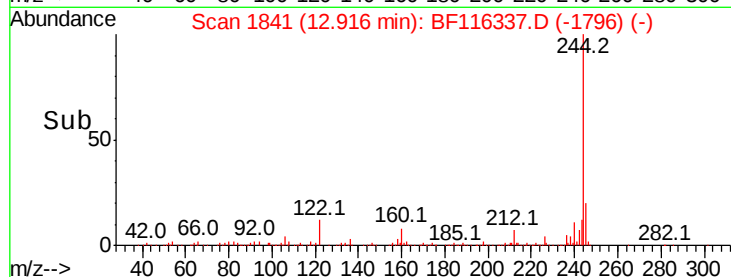
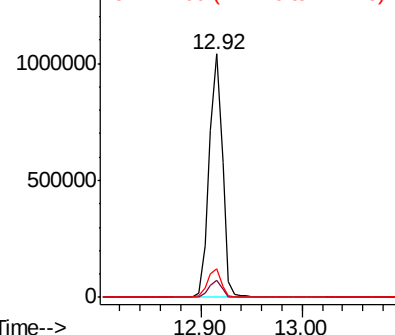
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 24.668 ng

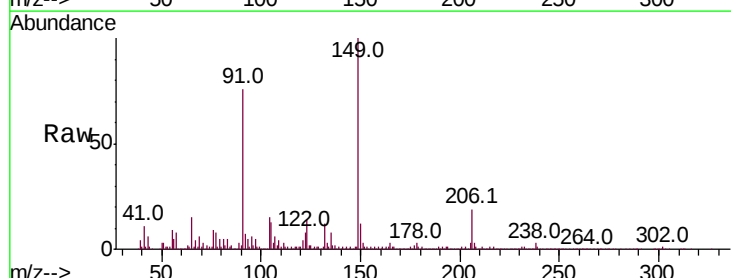
RT: 13.38 min Scan# 1920

Delta R.T. -0.04 min

Lab File: BF116337.D

Acq: 17 Aug 2019 00:14

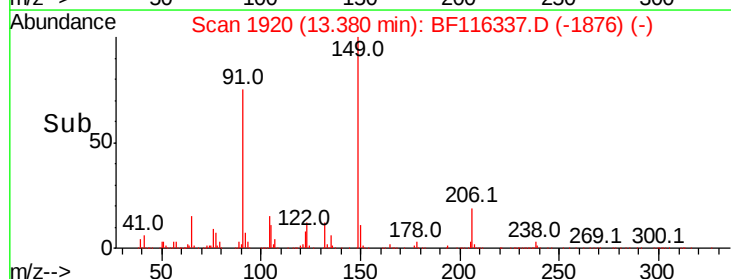
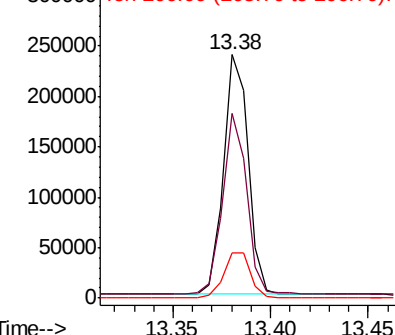
Tgt Ion:	149	Resp:	208153
Ion Ratio	Lower	Upper	
149	100		
91	75.8	56.3	84.5
206	18.7	18.0	27.0

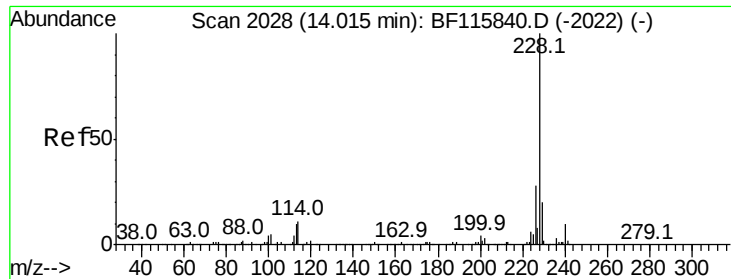


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 6.749 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.03 min

Lab File: BF116337.D

Acq: 17 Aug 2019 00:14

Instrument :

BNA_F

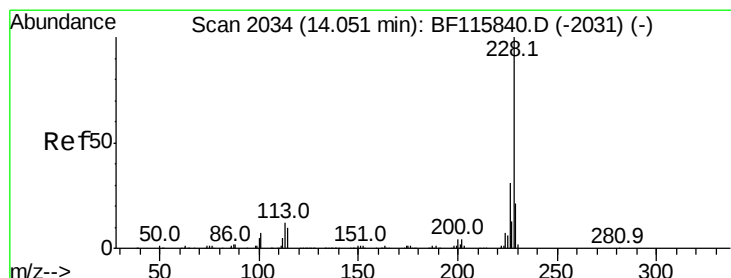
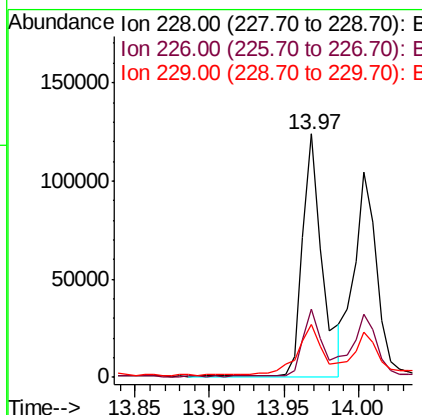
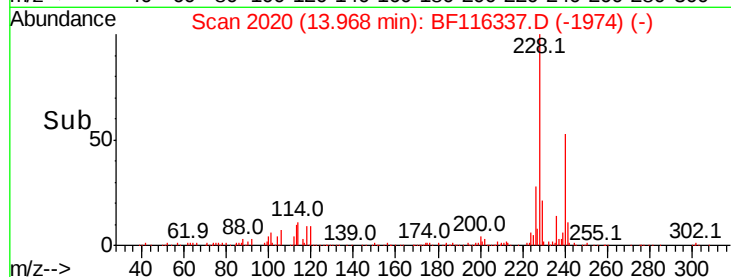
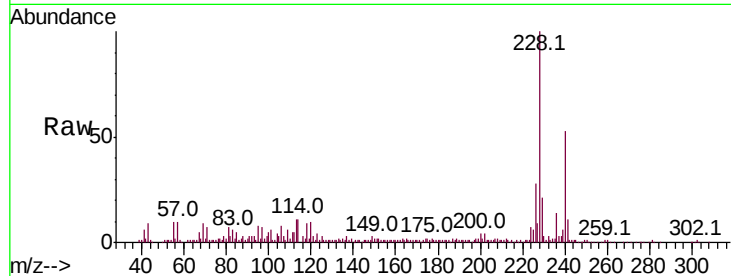
ClientSampleId :

RBR-200057-200054

Tot Ion:228	Resp:	114161
Ion Ratio	Lower	Upper
228	100	
226	28.1	22.7 34.1
229	21.5	16.2 24.4

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#83

Chrysene

Concen: 6.734 ng

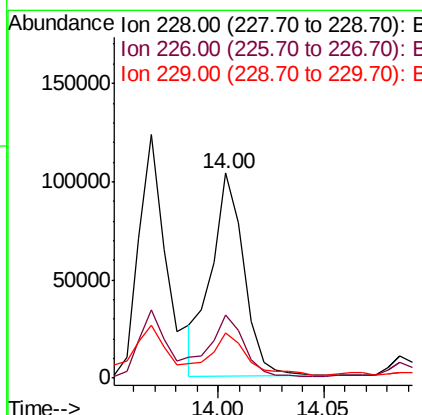
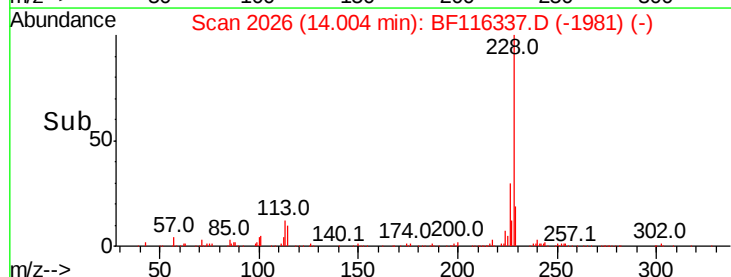
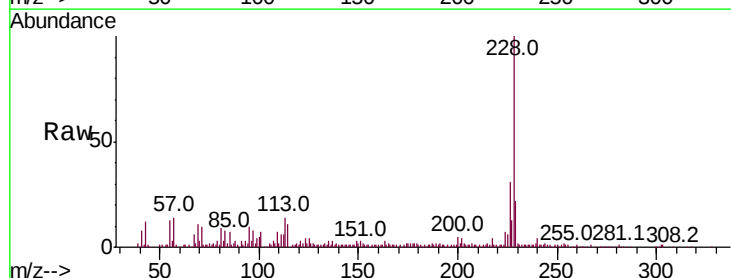
RT: 14.00 min Scan# 2026

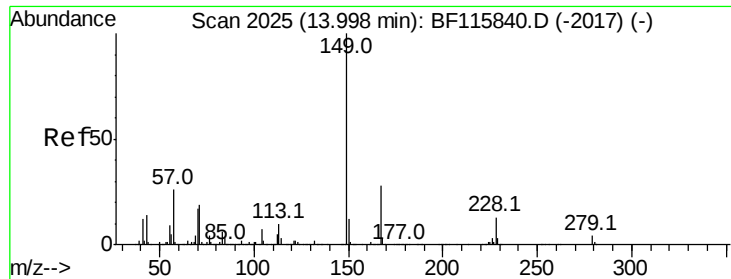
Delta R.T. -0.04 min

Lab File: BF116337.D

Acq: 17 Aug 2019 00:14

Tgt Ion:228	Resp:	110573
Ion Ratio	Lower	Upper
228	100	
226	30.9	25.5 38.3
229	22.0	16.6 24.8





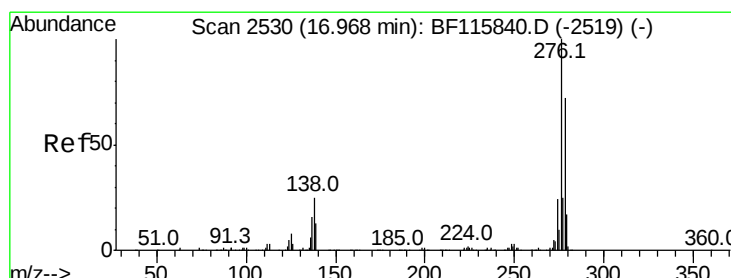
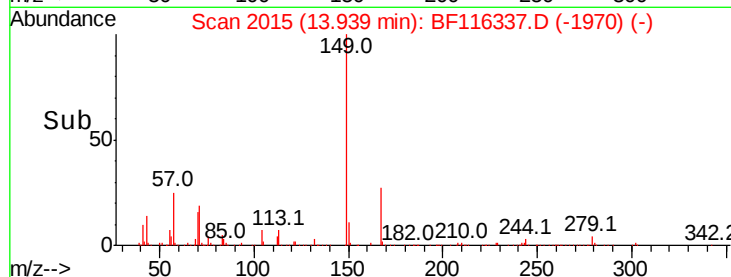
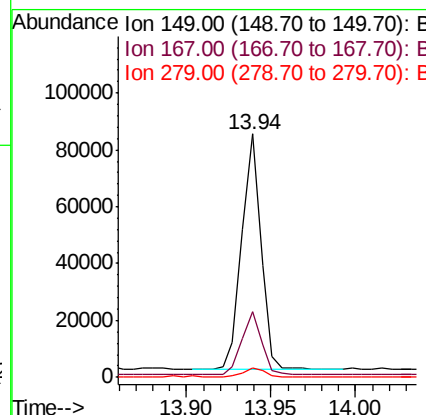
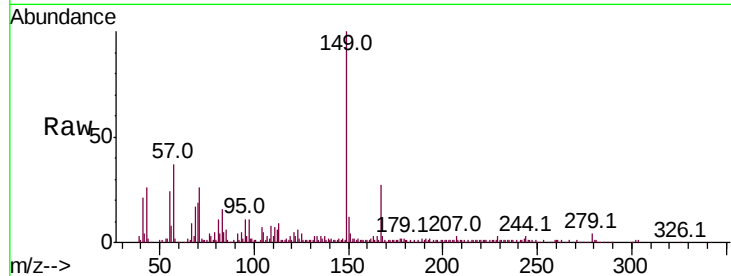
#84
Bis(2-ethylhexyl)phthalate
Concen: 6.016 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.04 min
Lab File: BF116337.D
Acq: 17 Aug 2019 00:14

Instrument :
BNA_F
ClientSampleId :
RBR-200057-200054

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.2	21.6	32.4
279	4.0	3.0	4.4

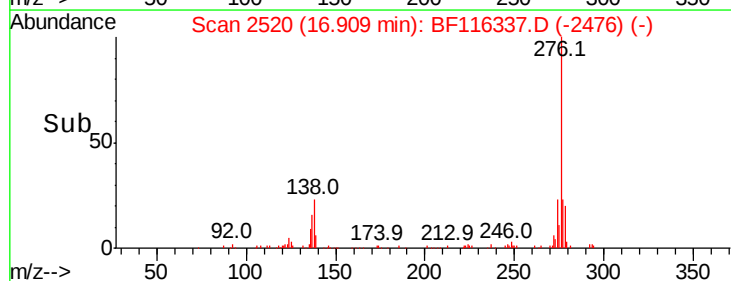
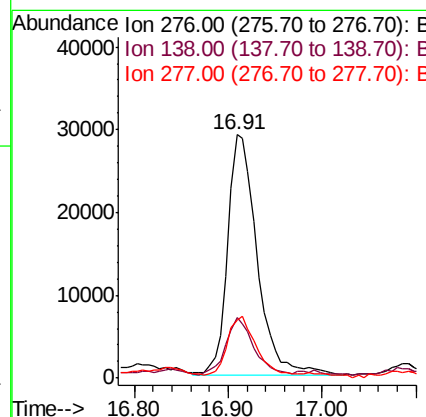
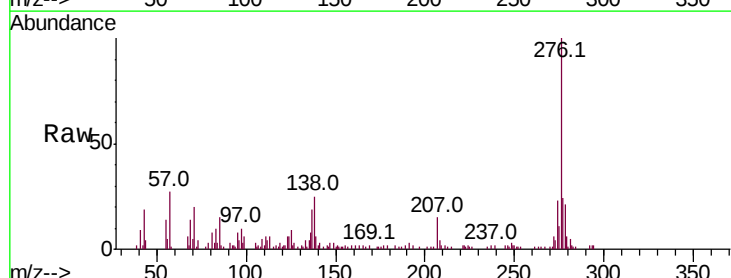
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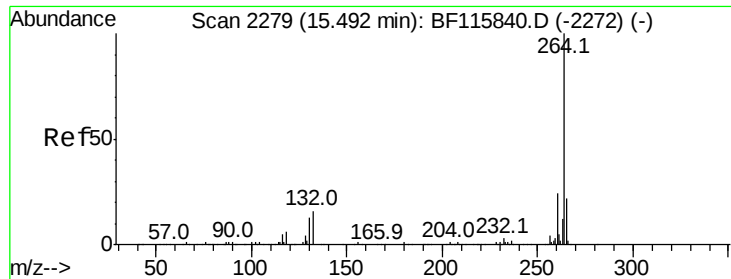
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#86
Indeno(1,2,3-cd)pyrene
Concen: 4.601 ng
RT: 16.91 min Scan# 2520
Delta R.T. -0.04 min
Lab File: BF116337.D
Acq: 17 Aug 2019 00:14

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.2	20.4	30.6
277	22.5	20.0	30.0





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.44 min Scan# 2270

Delta R.T. -0.04 min

Lab File: BF116337.D

Acq: 17 Aug 2019 00:14

Instrument :

BNA_F

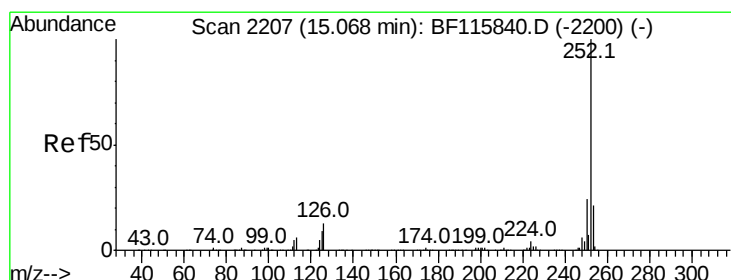
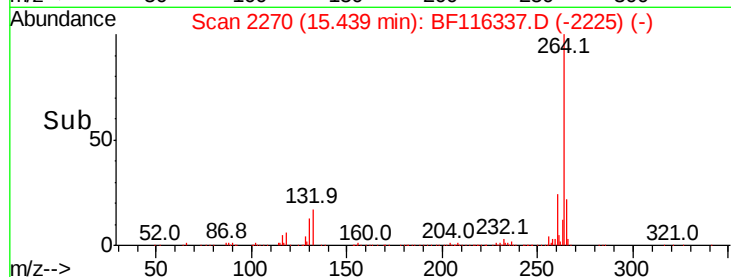
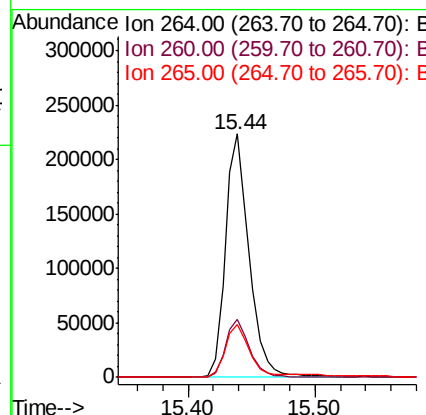
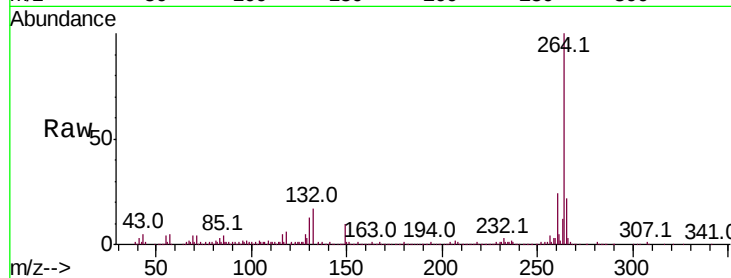
ClientSampleId :

RBR-200057-200054

Tot Ion:	264	Resp:	286774
Ion Ratio	Lower	Upper	
264	100		
260	24.1	19.7	29.5
265	21.7	17.4	26.0

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#88

Benzo(b)fluoranthene

Concen: 8.707 ng m

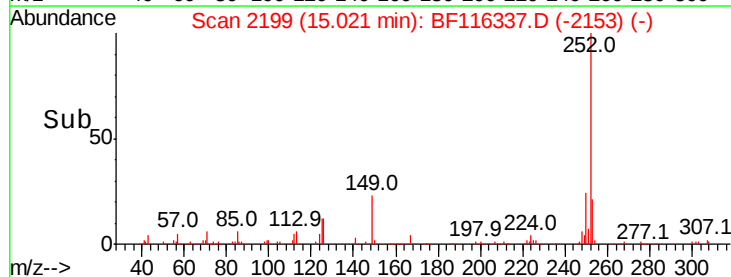
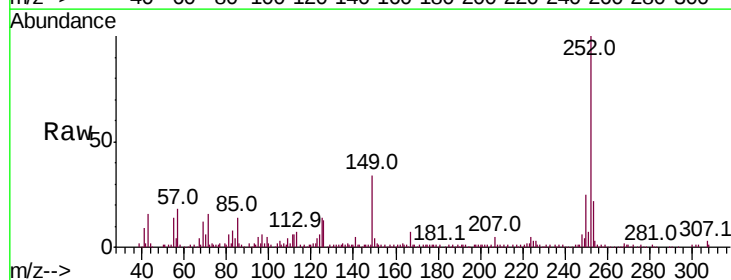
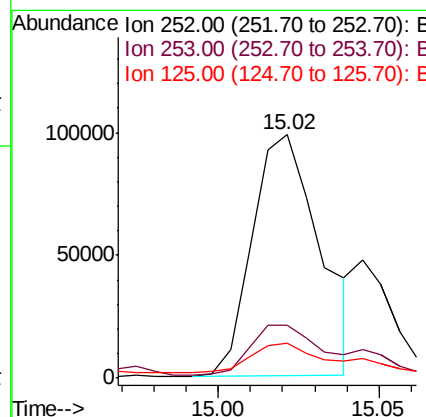
RT: 15.02 min Scan# 2199

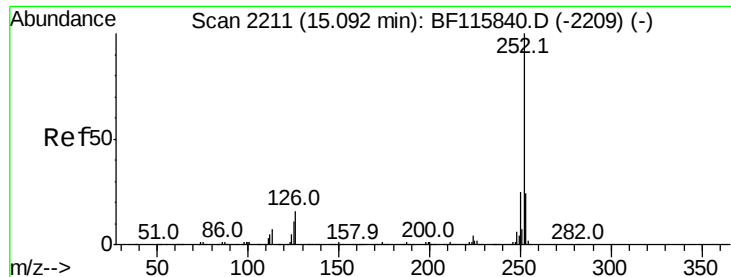
Delta R.T. -0.03 min

Lab File: BF116337.D

Acq: 17 Aug 2019 00:14

Tgt Ion:	252	Resp:	144380
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.8	26.8
125	14.3	8.4	12.6#





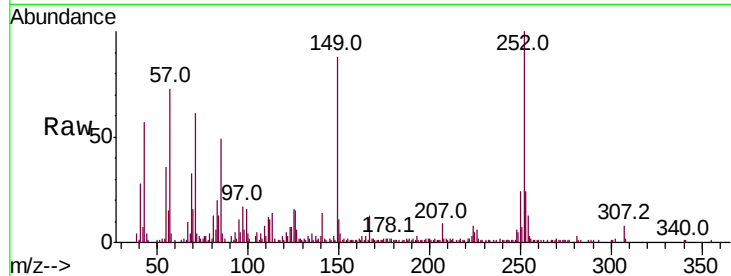
#89
Benzo(k)fluoranthene
Concen: 2.439 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.04 min
Lab File: BF116337.D
Acq: 17 Aug 2019 00:14

Instrument :
BNA_F
ClientSampleId :
RBR-200057-200054

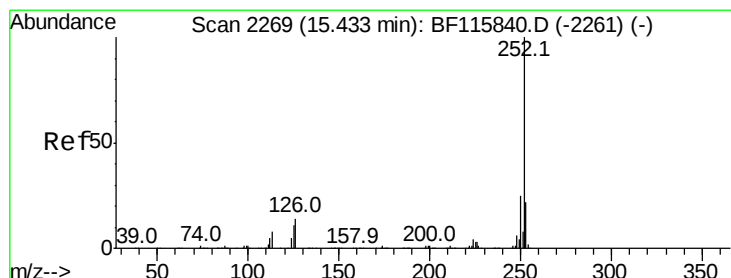
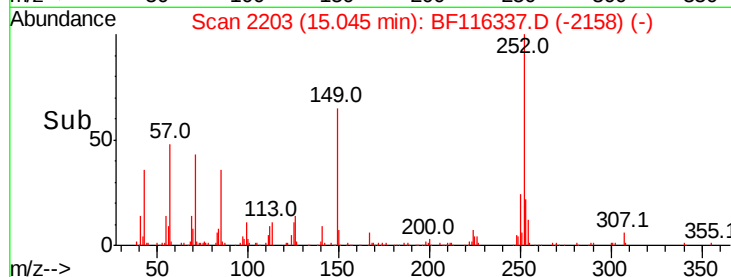
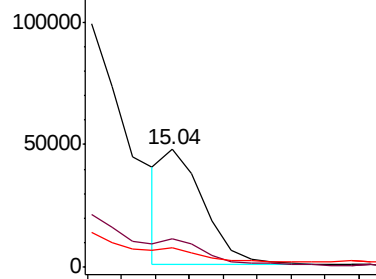
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.8	26.8
125	16.2	7.7	11.5

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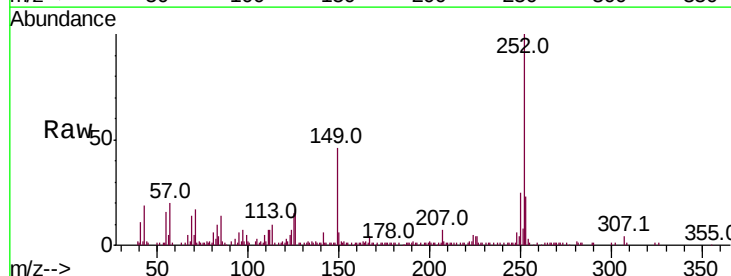


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

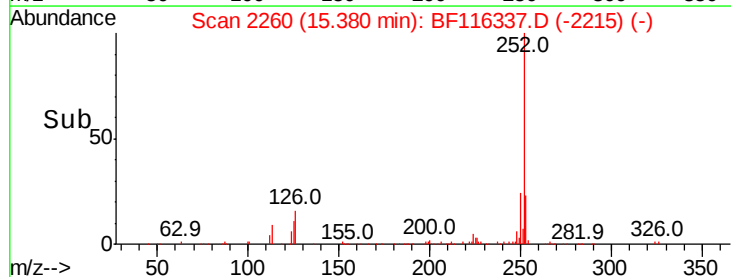
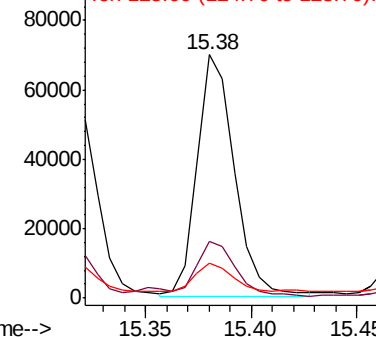


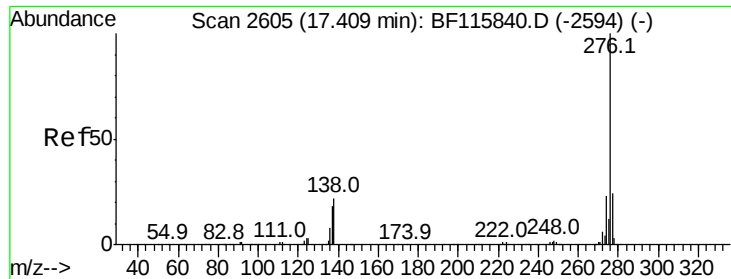
#90
Benzo(a)pyrene
Concen: 5.736 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.04 min
Lab File: BF116337.D
Acq: 17 Aug 2019 00:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.0	27.0
125	14.5	8.9	13.3



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#92
 Benzo(a,h,i)perylene
 Concen: 4.904 ng
 RT: 17.36 min Scan# 2596
 Delta R.T. -0.03 min
 Lab File: BF116337.D
 Acq: 17 Aug 2019 00:14

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200057-200054

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.9	18.4	27.6
138	23.4	17.0	25.6

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