

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052119\
 Data File : BF114468.D
 Acq On : 21 May 2019 20:42
 Operator : JU/SJ
 Sample : K2641-01 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-050719-A

Manual Integrations
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Sohil
 5/23/2019 8:15:50 AM

Quant Time: May 22 07:33:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 20 04:47:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	211389	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	864929	20.00	ng	-0.01
39) Acenaphthene-d10	9.86	164	407491	20.00	ng	-0.01
64) Phenanthrene-d10	11.35	188	743494	20.00	ng	0.00
76) Chrysene-d12	14.00	240	458607	20.00	ng	0.00
87) Perylene-d12	15.47	264	431312	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	550737	41.93	ng	-0.01
7) Phenol-d6	6.47	99	734666	47.29	ng	-0.02
23) Nitrobenzene-d5	7.39	82	433140	28.10	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	159247	37.80	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	826016	30.66	ng	0.00
79) Terphenyl-d14	12.93	244	656364	29.50	ng	0.00
Target Compounds						Qvalue
37) 2-Methylnaphthalene	8.83	142	66414	2.548	ng	99
38) 1-Methylnaphthalene	8.93	142	55690	2.269	ng	98
50) Dimethylphthalate	9.58	163	104553	3.495	ng	98
52) Acenaphthene	9.90	154	167397	6.770	ng	99
55) Dibenzofuran	10.07	168	114684	3.163	ng	97
58) Fluorene	10.42	166	120656	4.308	ng	97
71) Phenanthrene	11.37	178	646138	17.863	ng	97
72) Anthracene	11.43	178	210421	5.792	ng	98
75) Fluoranthene	12.57	202	809750	20.788	ng	98
78) Pyrene	12.80	202	643881	17.453	ng	99
81) Benzo(a)anthracene	13.99	228	286685	9.665	ng	99
83) Chrysene	14.02	228	244790	8.419	ng	97
86) Indeno(1,2,3-cd)pyrene	16.94	276	89789	3.494	ng	96
88) Benzo(b)fluoranthene	15.04	252	320184m	11.587	ng	
89) Benzo(k)fluoranthene	15.06	252	98055m	3.863	ng	
90) Benzo(a)pyrene	15.40	252	202133	8.312	ng	99
92) Benzo(g,h,i)perylene	17.39	276	87641	4.328	ng	99

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

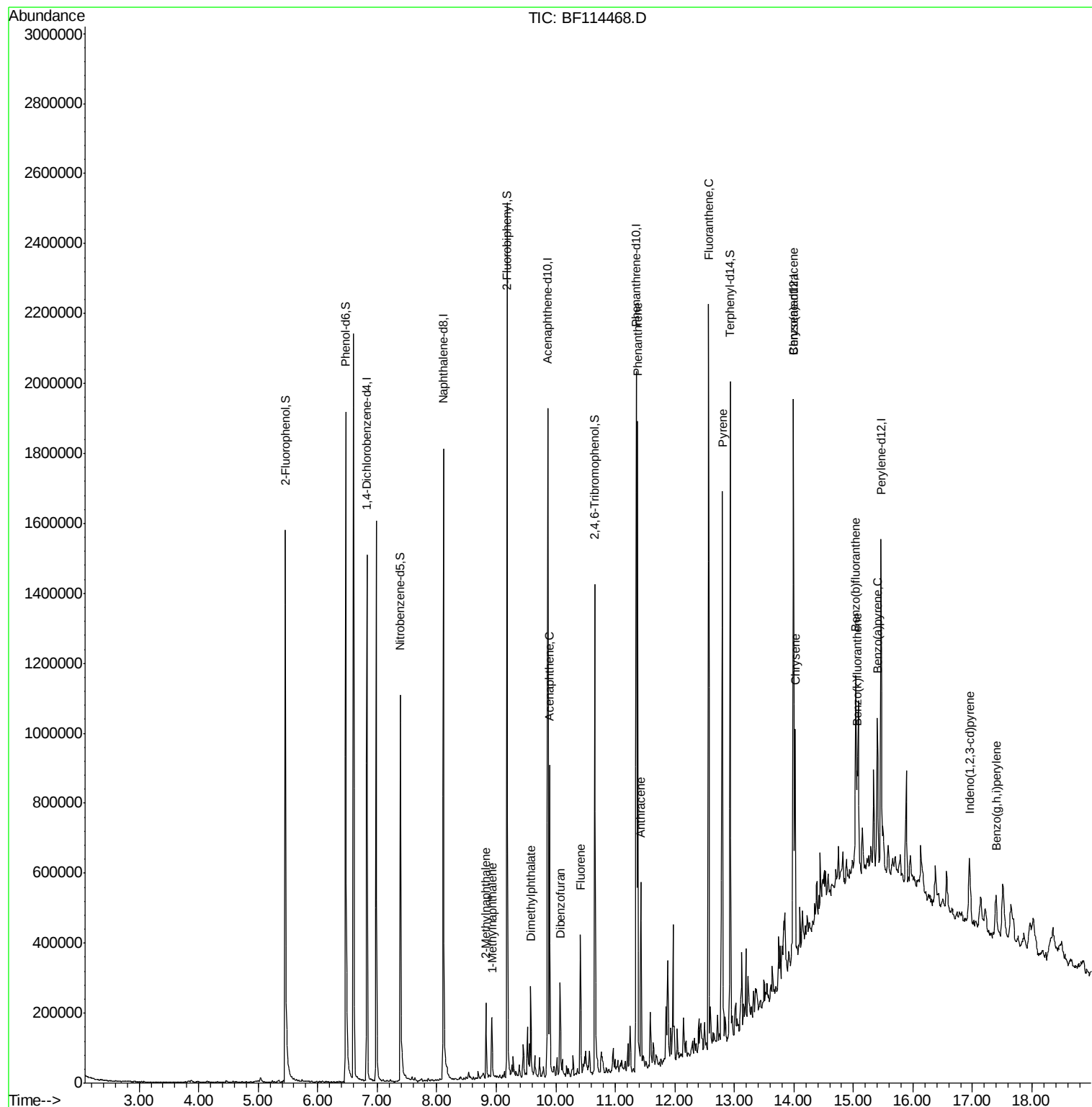
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052119\
Data File : BF114468.D
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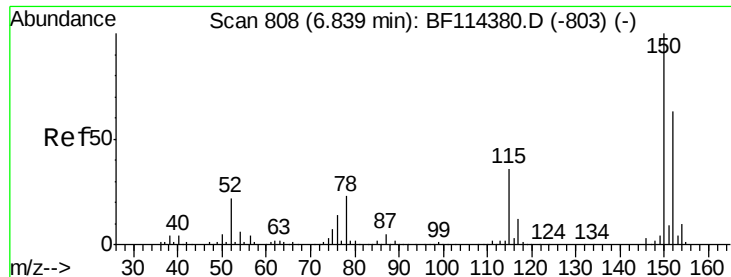
Instrument :
BNA_F
ClientSampleId :
CL-02-050719-A

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Quant Time: May 22 07:33:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 20 04:47:40 2019
Response via : Initial Calibration





#1

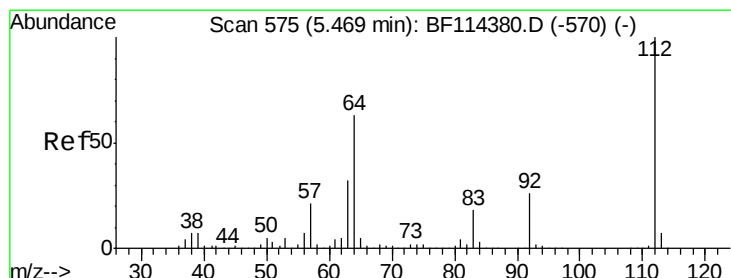
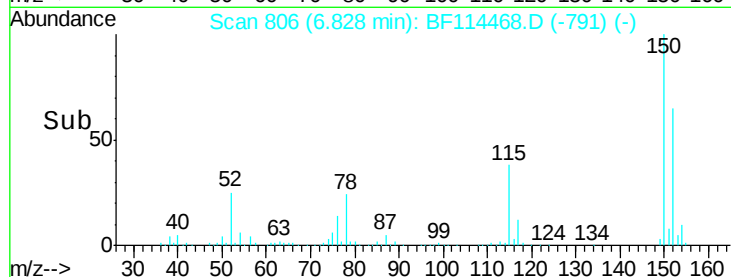
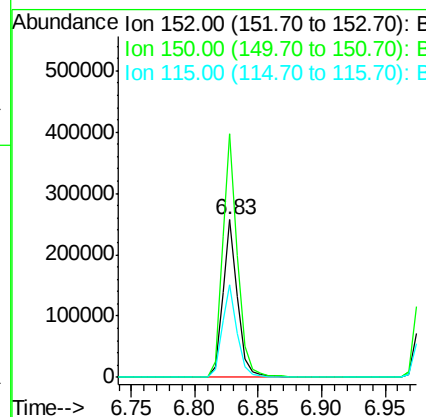
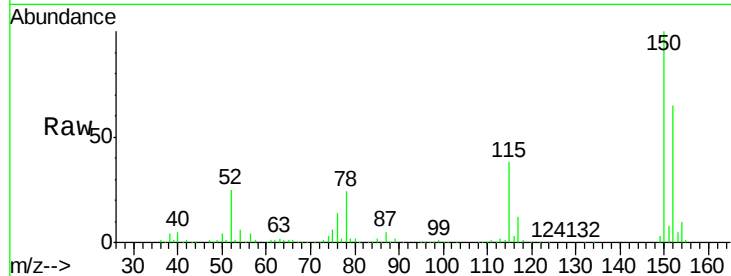
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF114468.D
Acq: 21 May 2019 20:42

Instrument :
BNA_F
ClientSampleId :
CL-02-050719-A

Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.5	124.3	186.5
115	58.6	49.1	73.7

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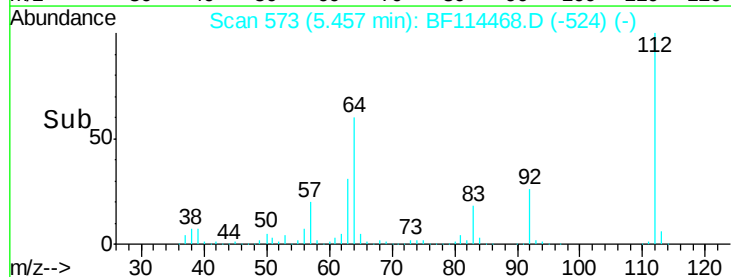
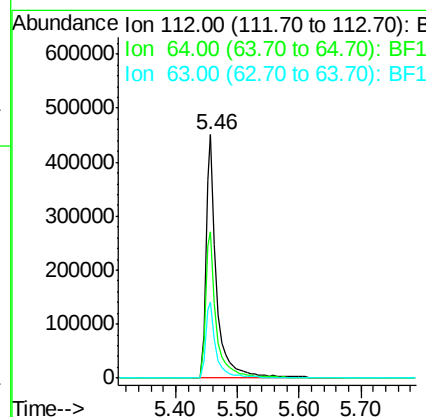
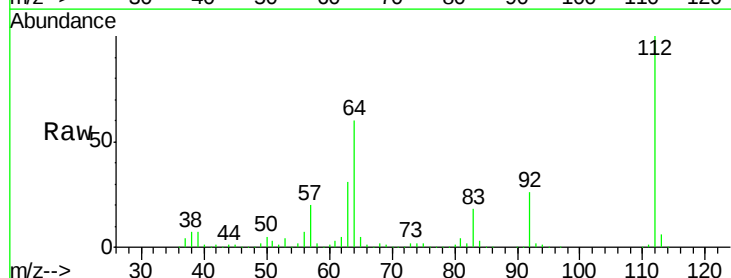
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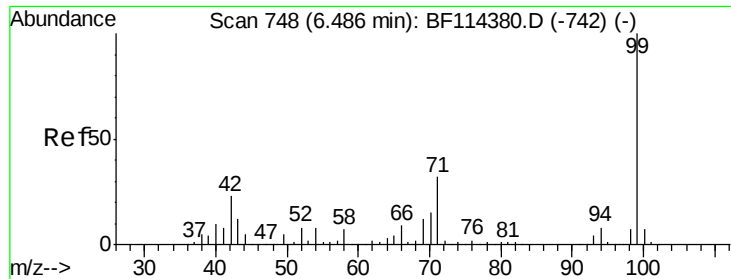


#5

2-Fluorophenol
Concen: 41.926 ng
RT: 5.46 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF114468.D
Acq: 21 May 2019 20:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.3	49.0	73.6
63	31.0	24.6	37.0





#7

Phenol-d6

Concen: 47.288 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.02 min

Lab File: BF114468.D

Acq: 21 May 2019 20:42

Instrument :

BNA_F

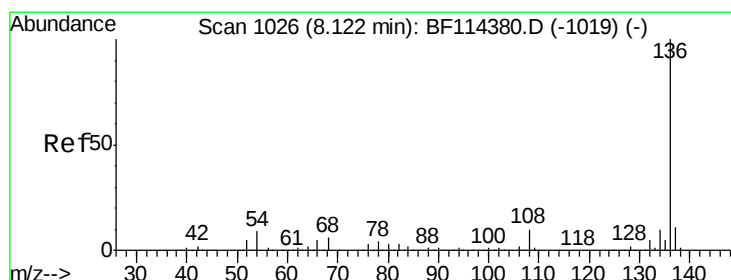
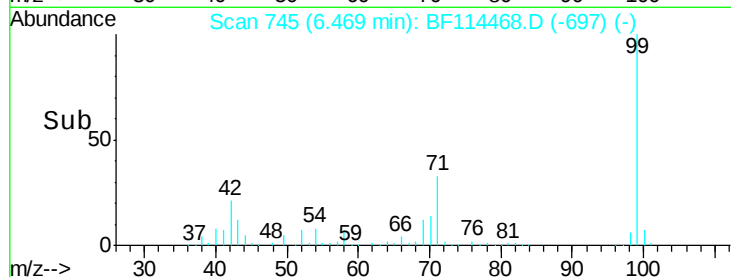
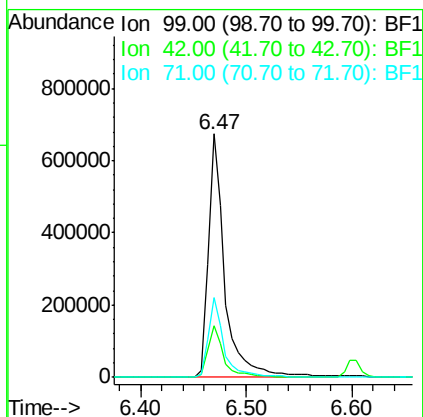
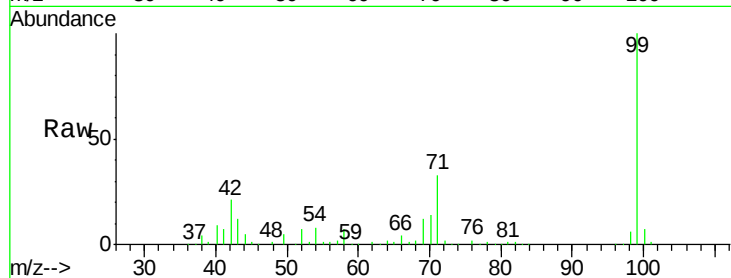
ClientSampleId :

CL-02-050719-A

Tgt Ion:	99	Resp:	734666
Ion	Ratio	Lower	Upper
99	100		
42	21.3	17.9	26.9
71	32.5	26.2	39.2

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#21

Naphthalene-d8

Concen: 20.000 ng

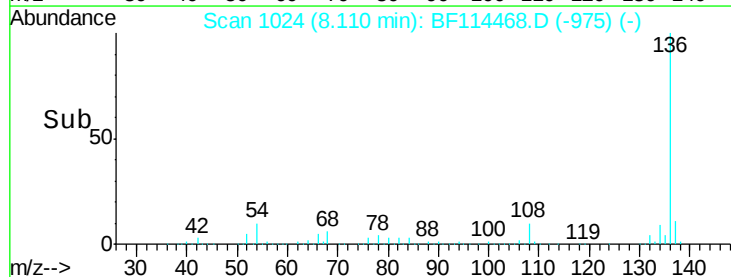
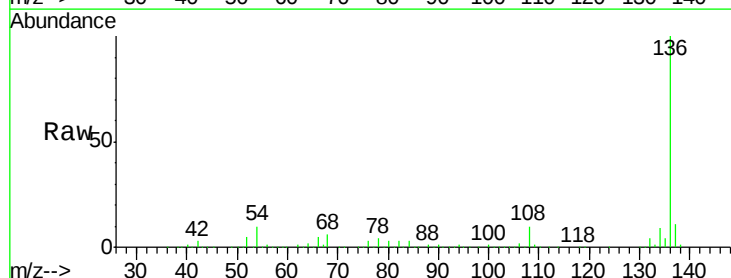
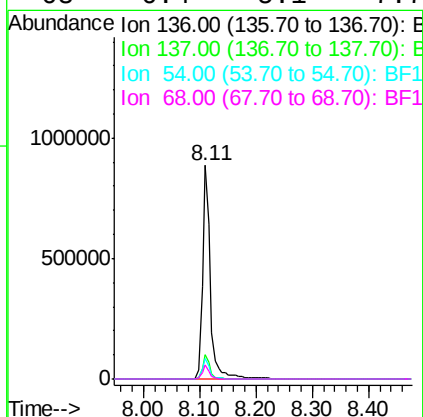
RT: 8.11 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BF114468.D

Acq: 21 May 2019 20:42

Tgt Ion:	136	Resp:	864929
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	9.5	7.8	11.8
68	6.4	5.1	7.7





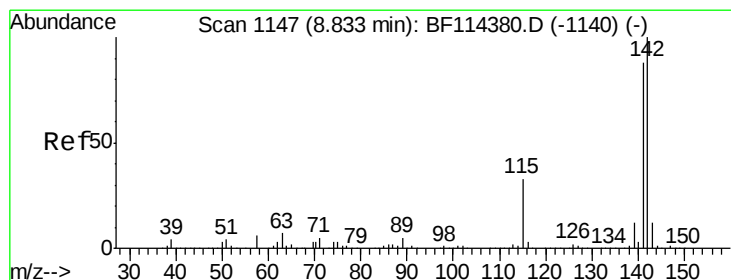
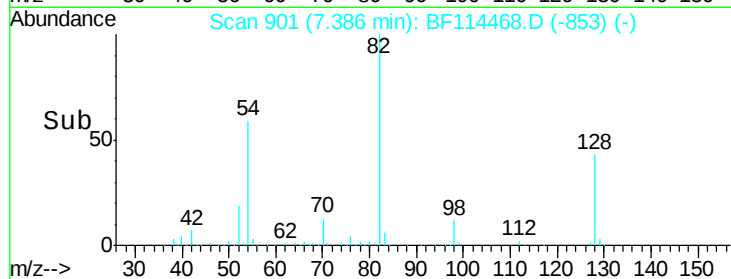
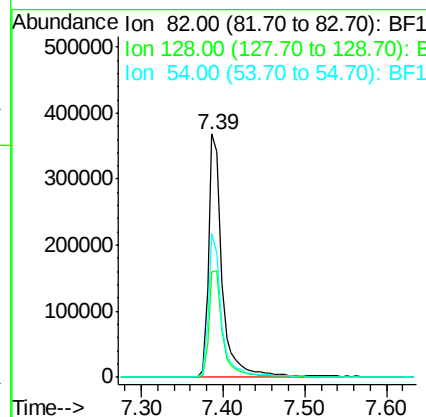
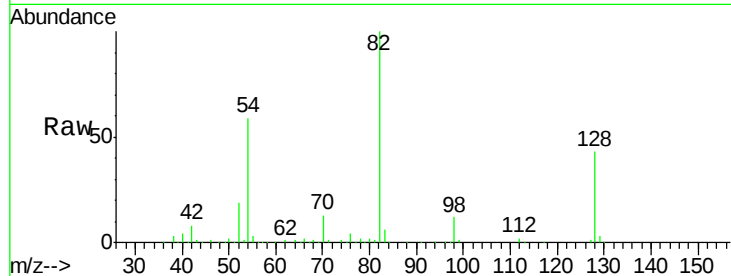
#23
 Nitrobenzene-d5
 Concen: 28.104 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.02 min
 Lab File: BF114468.D
 Acq: 21 May 2019 20:42

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-050719-A

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.3	35.5	53.3
54	58.8	48.5	72.7

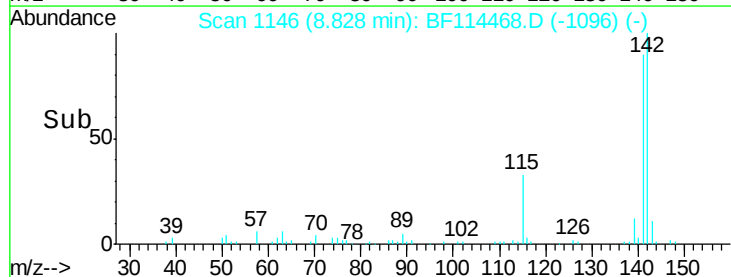
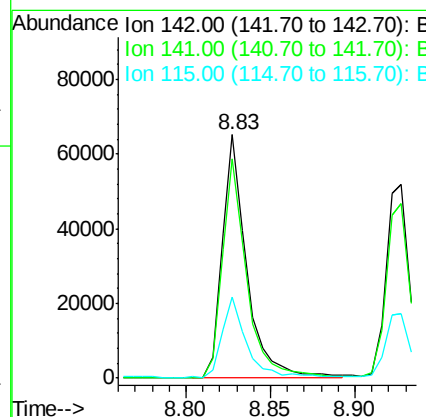
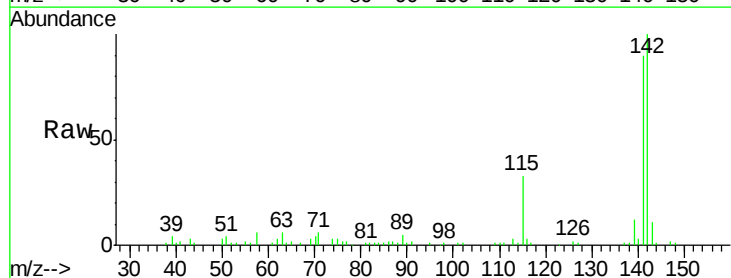
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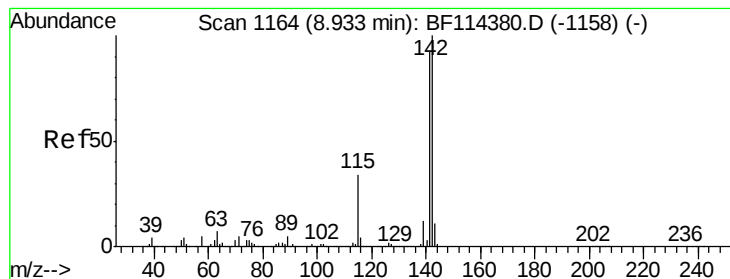
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#37
 2-Methylnaphthalene
 Concen: 2.548 ng
 RT: 8.83 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF114468.D
 Acq: 21 May 2019 20:42

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.8	72.1	108.1
115	33.1	28.0	42.0





#38

1-Methylnaphthalene

Concen: 2.269 ng

RT: 8.93 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BF114468.D

Acq: 21 May 2019 20:42

Instrument :

BNA_F

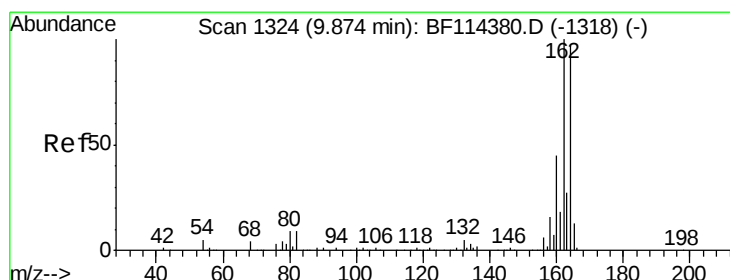
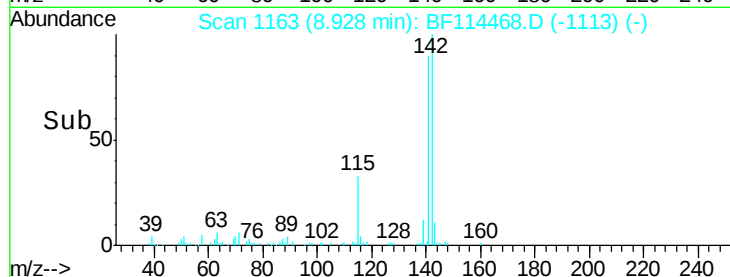
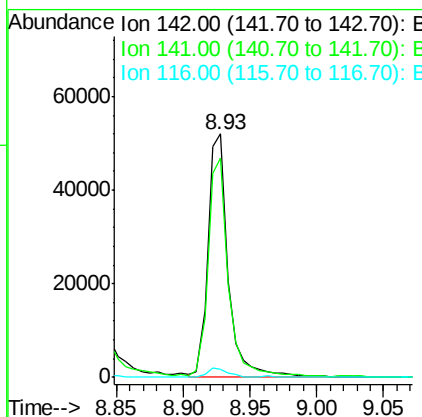
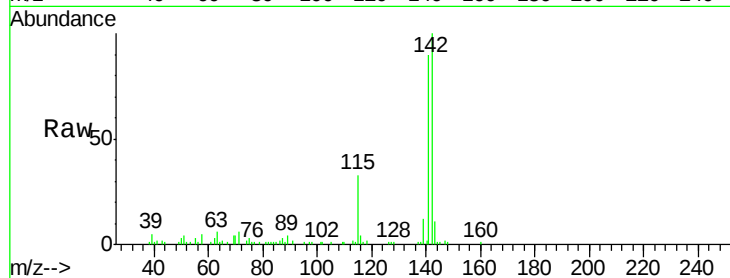
ClientSampleId :

CL-02-050719-A

Tgt Ion:	142	Resp:	55690
Ion Ratio	Lower	Upper	
142	100		
141	89.9	73.4	110.0
116	3.5	3.1	4.7

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#39

Acenaphthene-d10

Concen: 20.000 ng

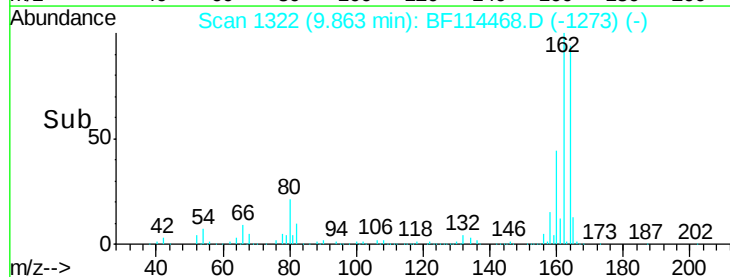
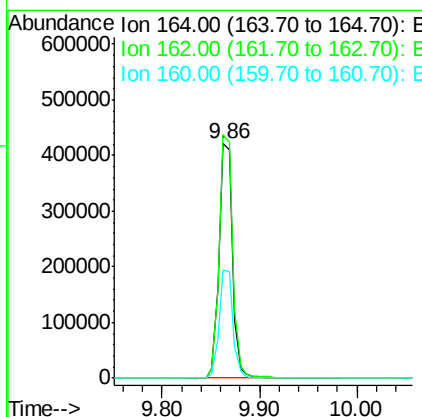
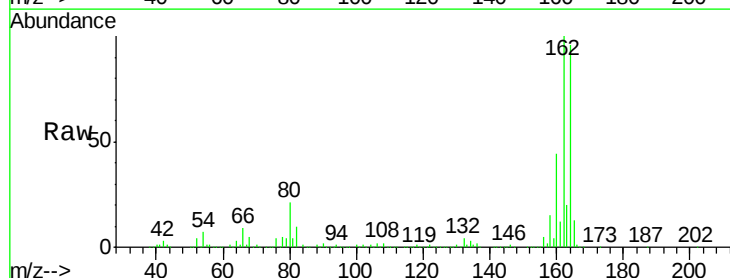
RT: 9.86 min Scan# 1322

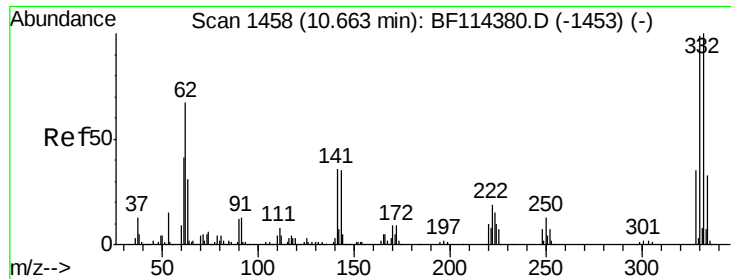
Delta R.T. -0.01 min

Lab File: BF114468.D

Acq: 21 May 2019 20:42

Tgt Ion:	164	Resp:	407491
Ion Ratio	Lower	Upper	
164	100		
162	103.9	80.6	120.8
160	45.8	36.5	54.7





#42

2,4,6-Tribromophenol

Concen: 37.801 ng

RT: 10.66 min Scan# 1457

Delta R.T. -0.01 min

Lab File: BF114468.D

Acq: 21 May 2019 20:42

Instrument :

BNA_F

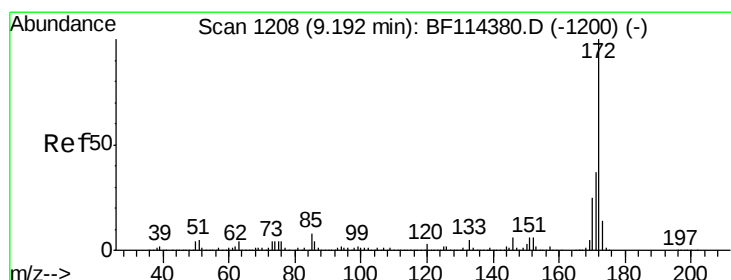
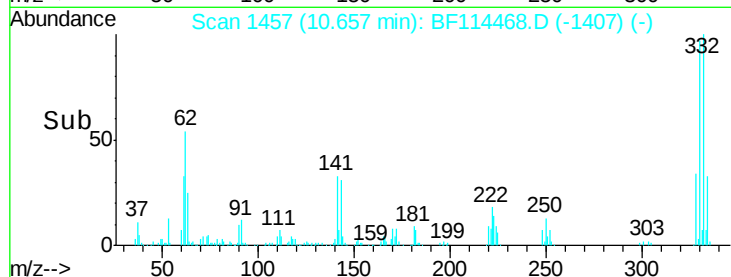
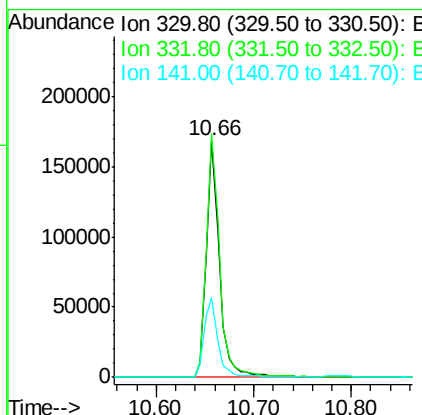
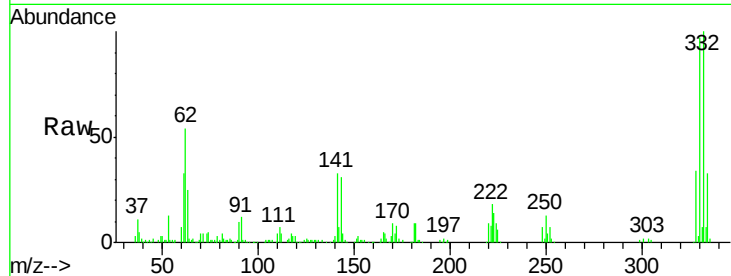
ClientSampleId :

CL-02-050719-A

Tgt Ion:	330	Resp:	159247
Ion Ratio	Lower	Upper	
330	100		
332	102.9	81.4	122.2
141	35.3	26.6	40.0

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#45

2-Fluorobiphenyl

Concen: 30.663 ng

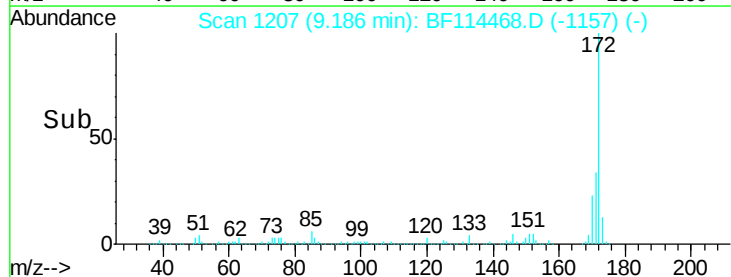
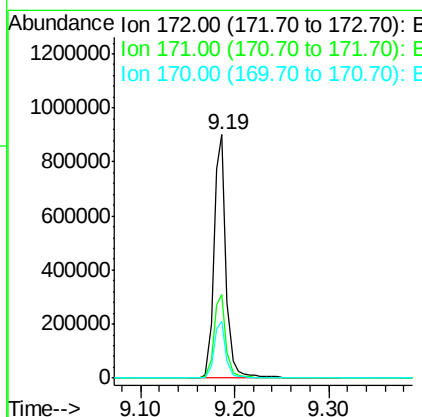
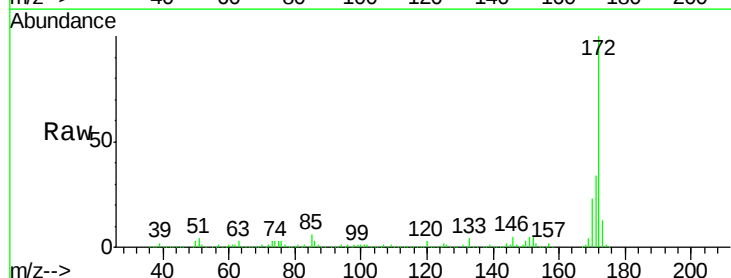
RT: 9.19 min Scan# 1207

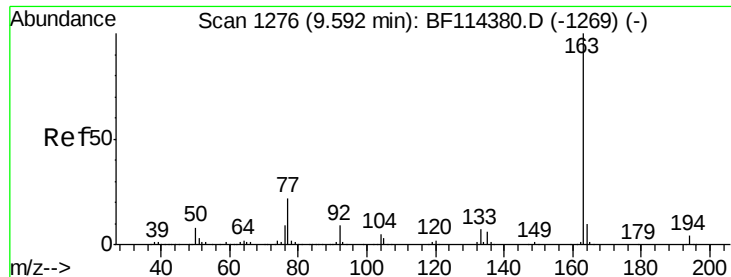
Delta R.T. -0.01 min

Lab File: BF114468.D

Acq: 21 May 2019 20:42

Tgt Ion:	172	Resp:	826016
Ion Ratio	Lower	Upper	
172	100		
171	34.4	30.7	46.1
170	23.2	20.5	30.7





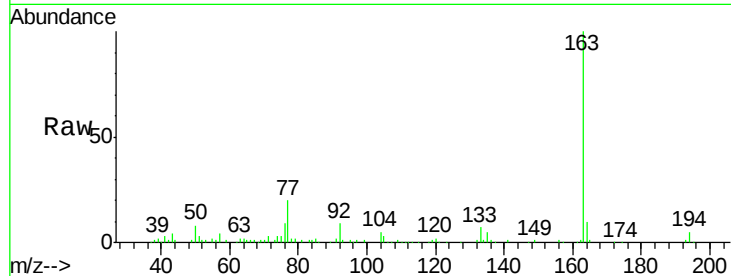
#50
Dimethylphthalate
Concen: 3.495 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF114468.D
Acq: 21 May 2019 20:42

Instrument :
BNA_F
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CL-02-050719-A

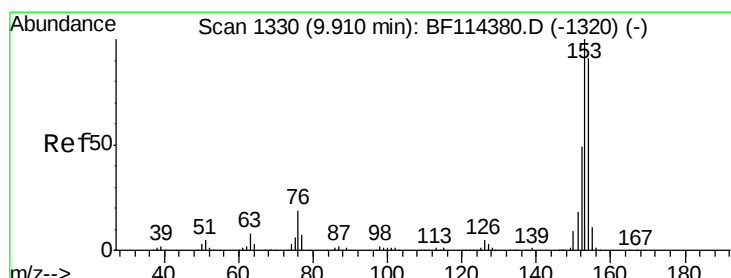
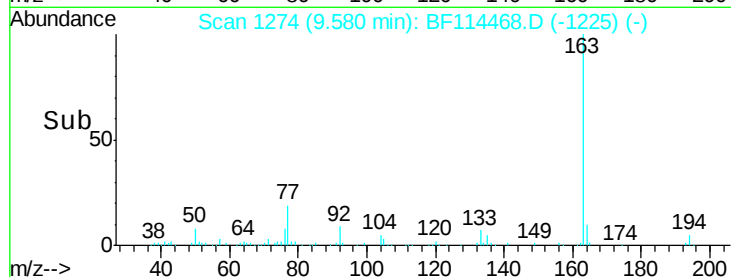
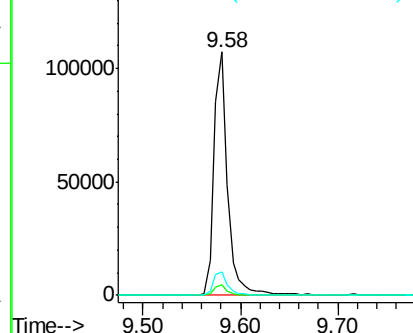
Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	4.6	3.4	5.0
164	9.6	8.2	12.2

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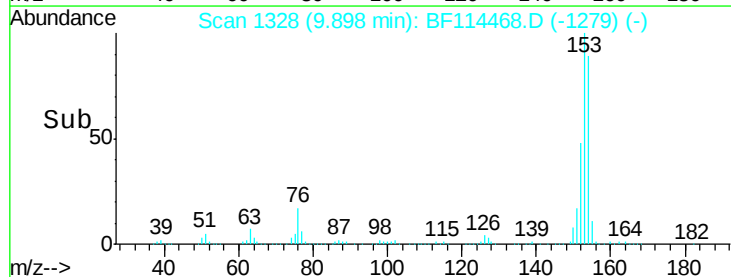
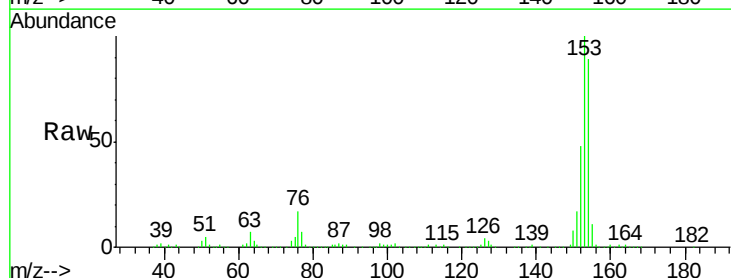
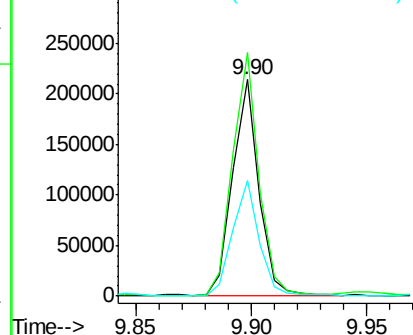
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

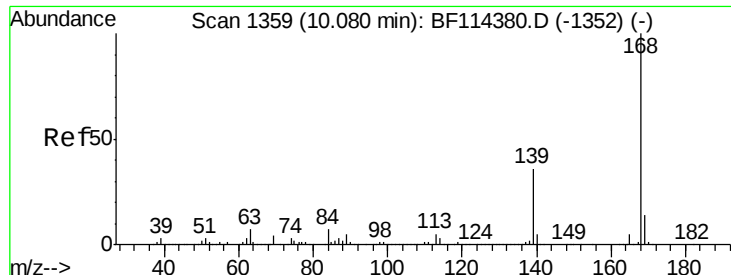


#52
Acenaphthene
Concen: 6.770 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF114468.D
Acq: 21 May 2019 20:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	112.6	90.5	135.7
152	53.6	43.4	65.2

Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





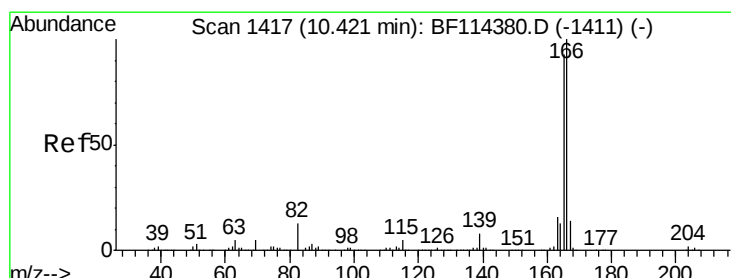
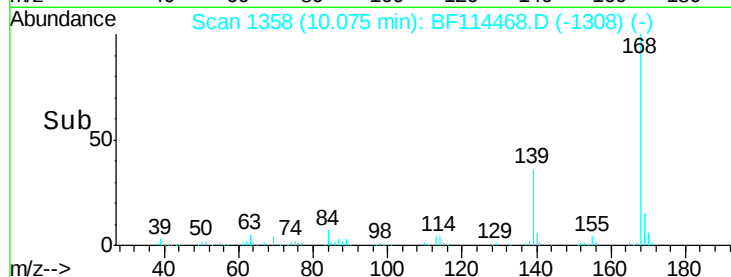
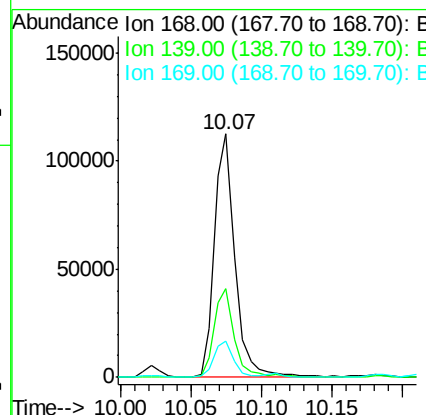
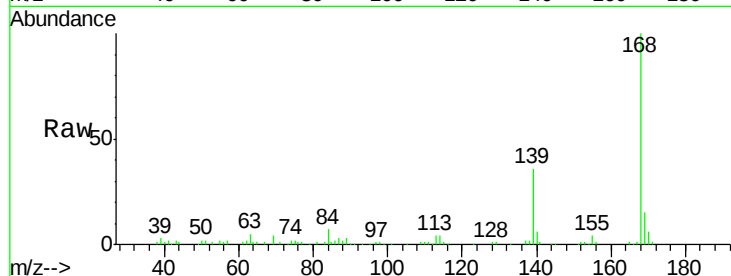
#55
Dibenzenofuran
Concen: 3.163 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BF114468.D
Acq: 21 May 2019 20:42

Instrument :
BNA_F
ClientSampleId :
CL-02-050719-A

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	114684		
139	36.4	31.1	46.7	
169	14.7	11.4	17.0	

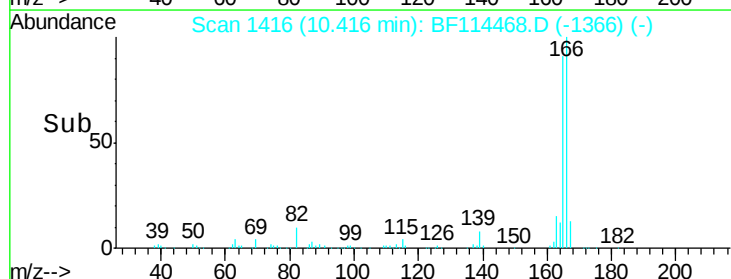
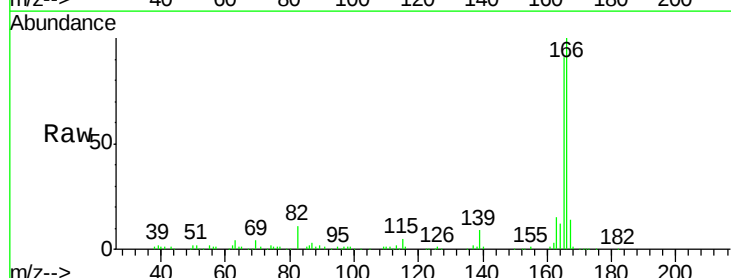
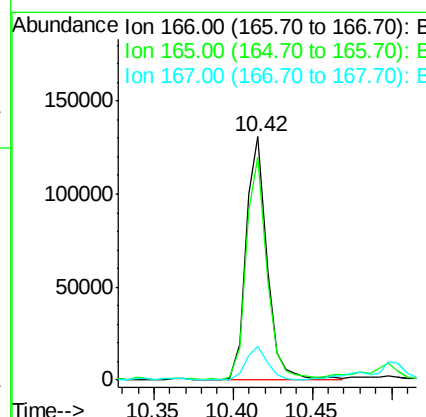
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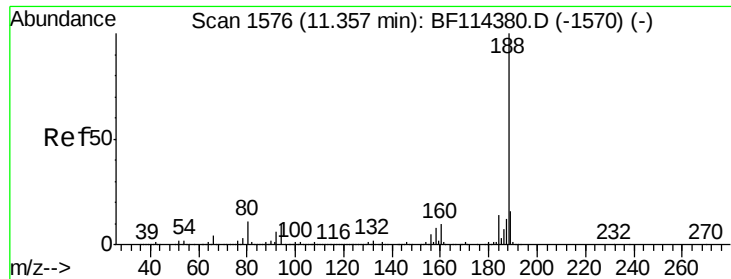
Sohil
5/23/2019 8:15:50 AM



#58
Fluorene
Concen: 4.308 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF114468.D
Acq: 21 May 2019 20:42

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	120656		
165	91.5	76.1	114.1	
167	13.8	11.1	16.7	





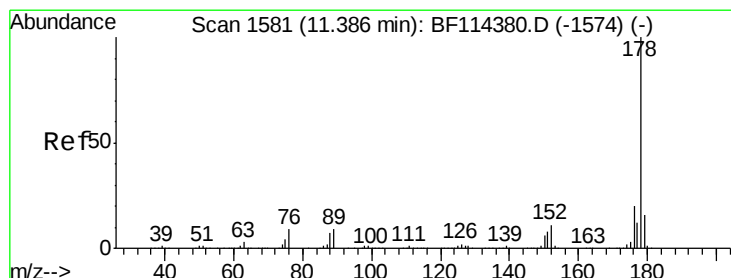
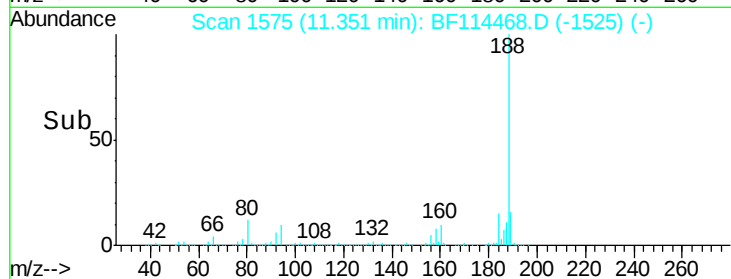
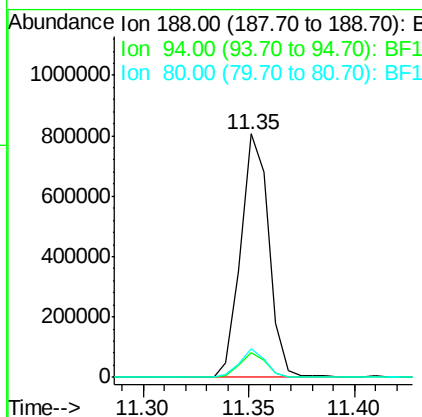
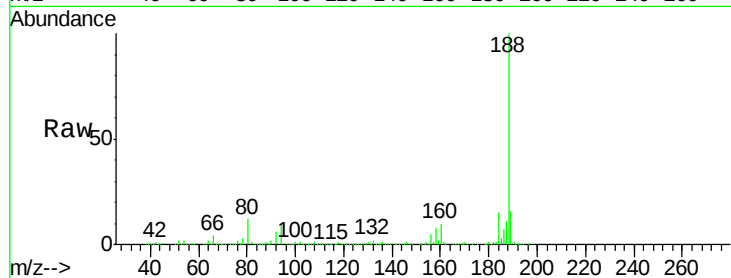
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF114468.D
Acq: 21 May 2019 20:42

Instrument :
BNA_F
ClientSampleId :
CL-02-050719-A

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	10.0	8.4	12.6
80	11.5	9.2	13.8

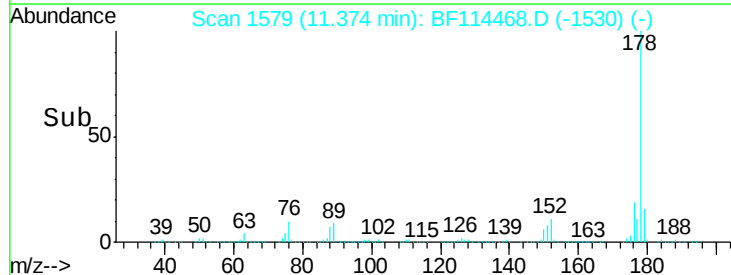
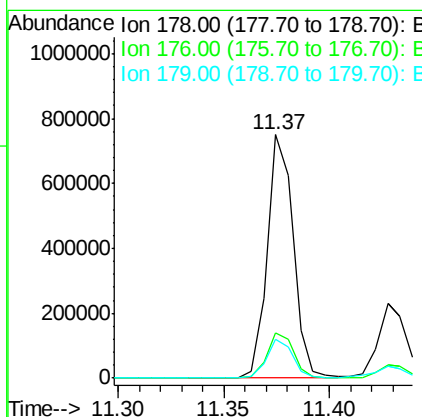
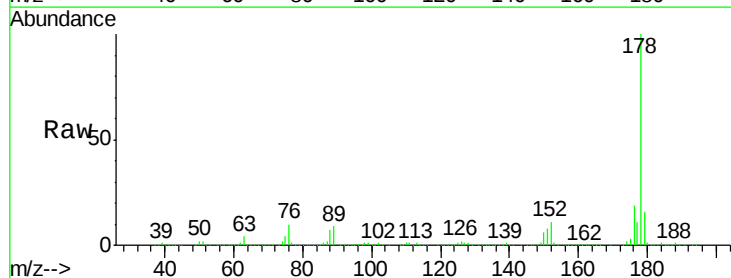
Manual Integrations
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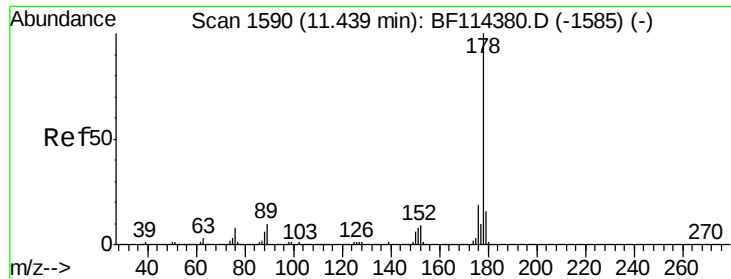
Sohil
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#71
Phenanthrene
Concen: 17.863 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BF114468.D
Acq: 21 May 2019 20:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	18.8	16.4	24.6
179	15.8	13.2	19.8





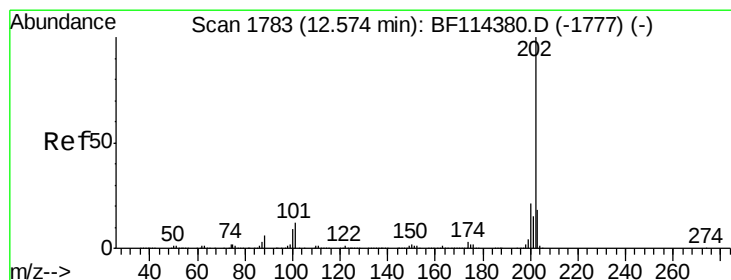
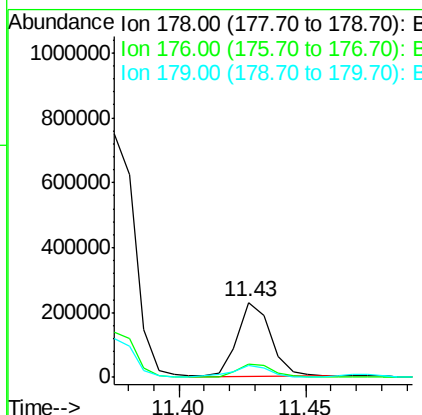
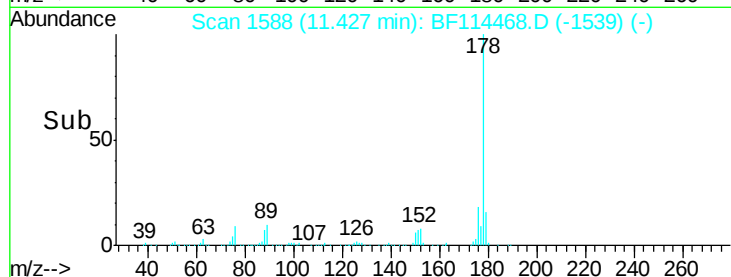
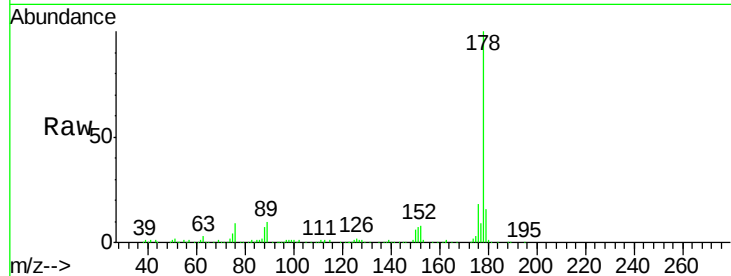
#72
 Anthracene
 Concen: 5.792 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. -0.01 min
 Lab File: BF114468.D
 Acq: 21 May 2019 20:42

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-050719-A

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.8	23.8
179	16.1	13.0	19.4

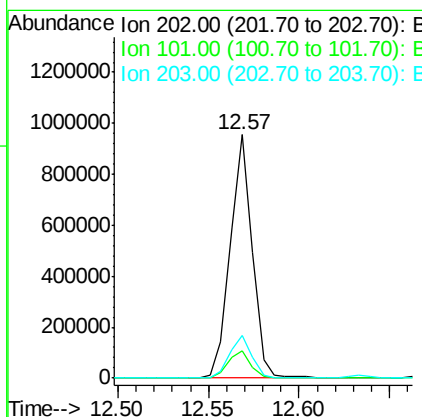
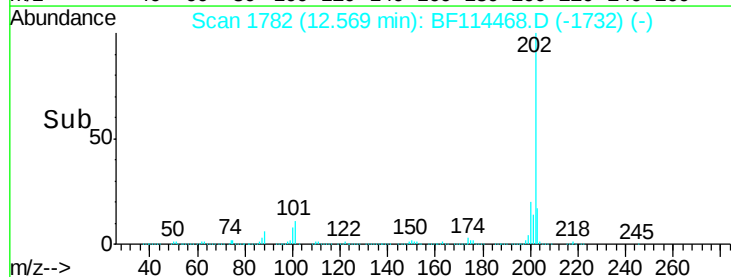
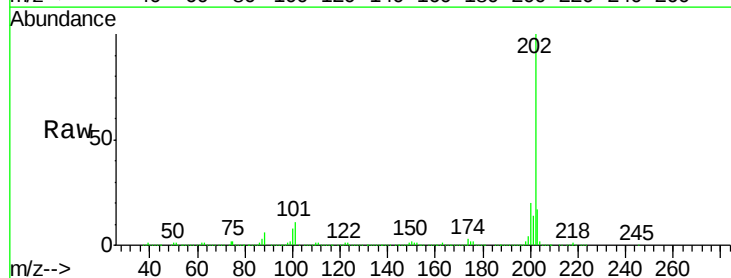
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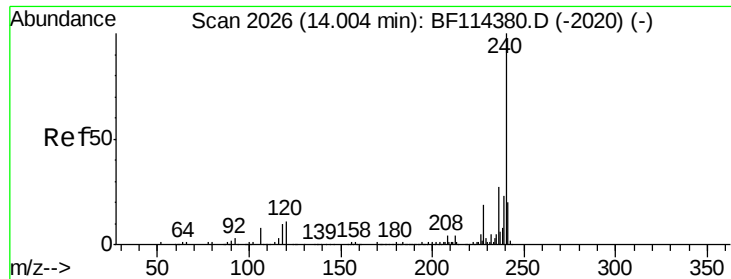
Sohil
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#75
 Fluoranthene
 Concen: 20.788 ng
 RT: 12.57 min Scan# 1782
 Delta R.T. -0.01 min
 Lab File: BF114468.D
 Acq: 21 May 2019 20:42

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	31.0
203	17.3	0.0	38.4





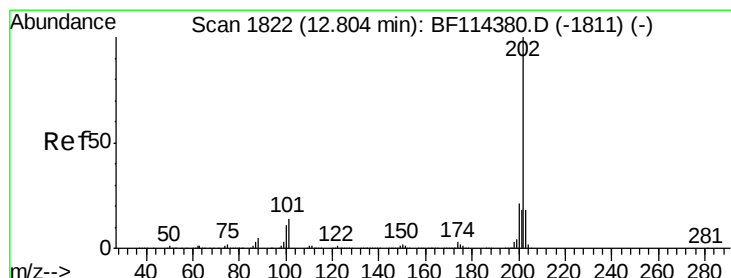
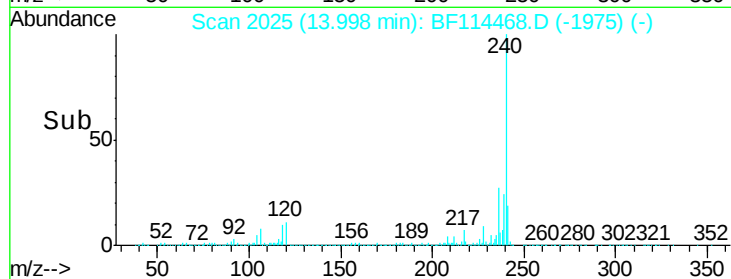
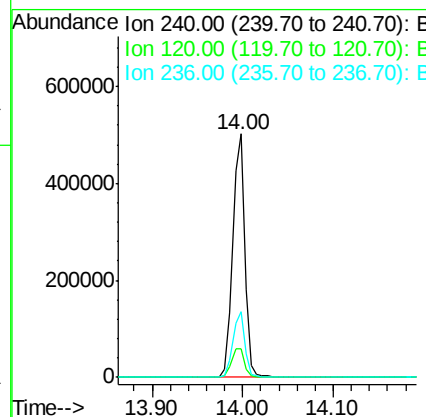
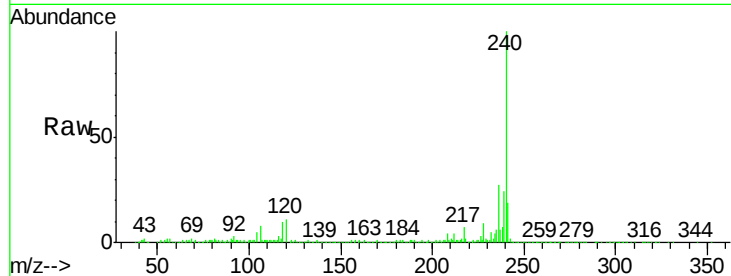
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF114468.D
Acq: 21 May 2019 20:42

Instrument :
BNA_F
ClientSampleId :
CL-02-050719-A

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	458607		
120	11.5	8.3	12.5	
236	26.8	20.8	31.2	

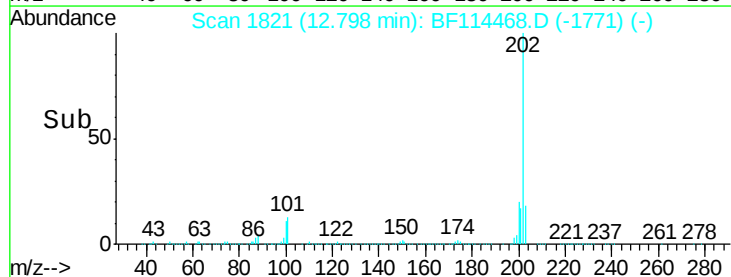
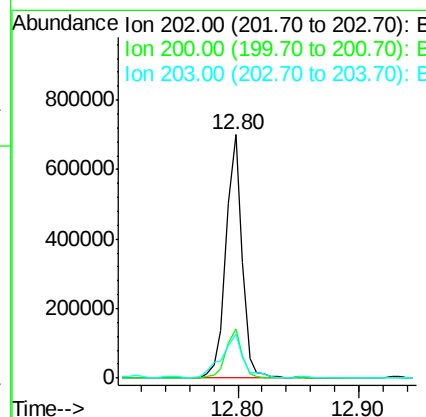
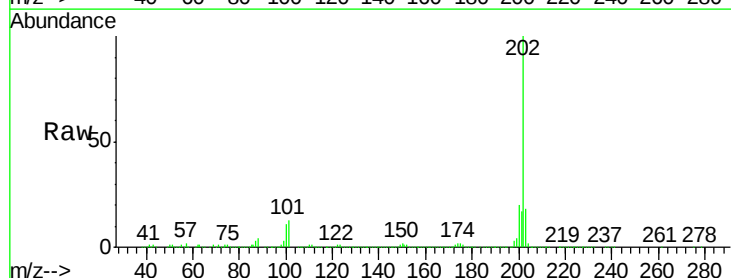
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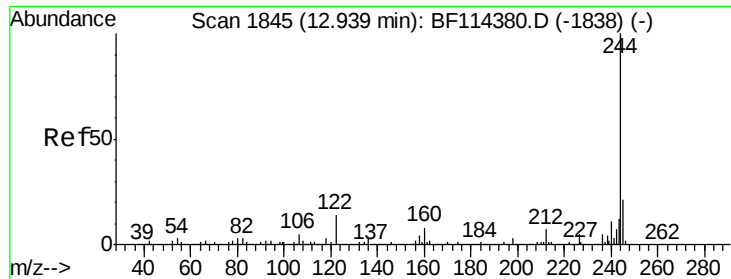
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#78
Pyrene
Concen: 17.453 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BF114468.D
Acq: 21 May 2019 20:42

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	643881		
200	20.1	16.9	25.3	
203	18.0	14.5	21.7	





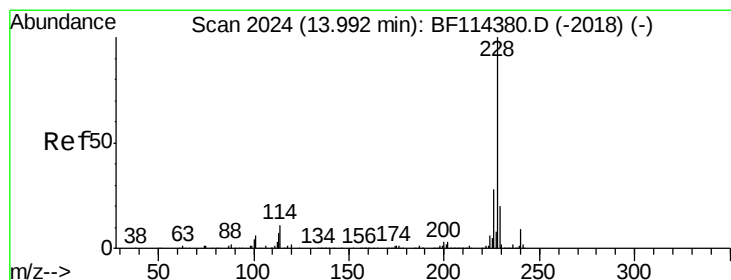
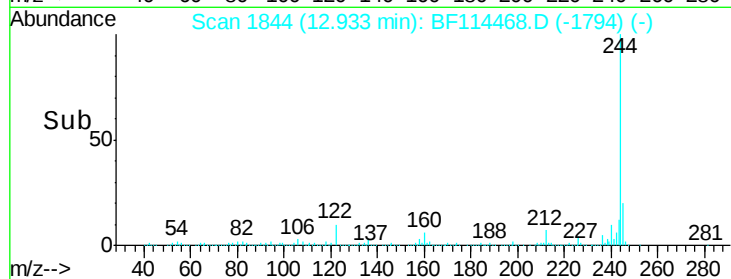
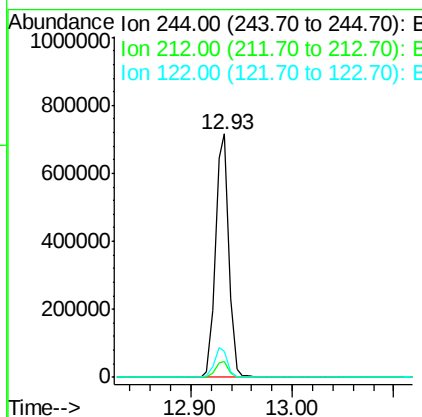
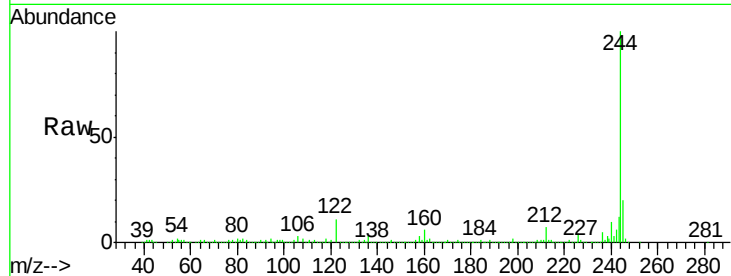
#79
 Terphenyl-d14
 Concen: 29.503 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. -0.01 min
 Lab File: BF114468.D
 Acq: 21 May 2019 20:42

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-050719-A

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	656364		
212	6.5	5.8	8.6	
122	10.6	9.4	14.2	

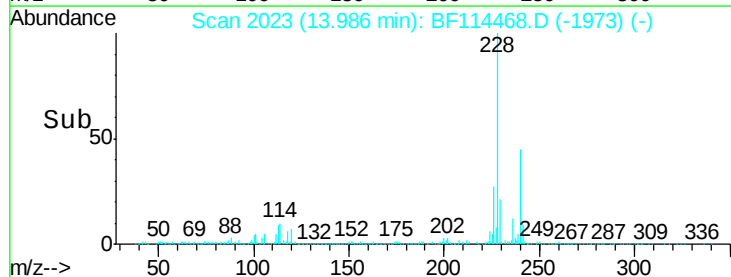
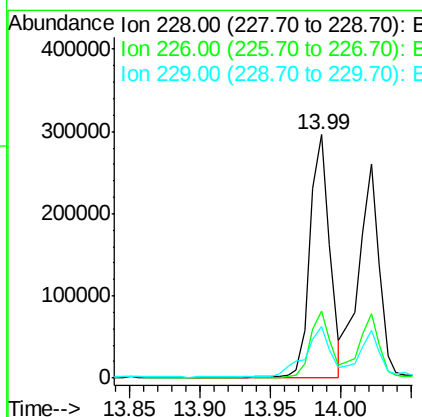
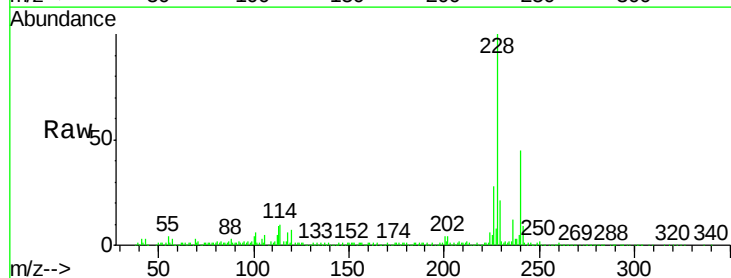
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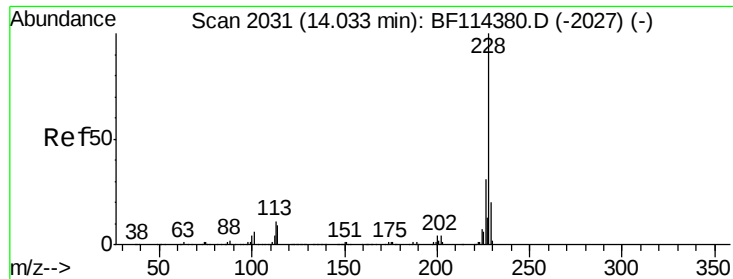
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#81
 Benzo(a)anthracene
 Concen: 9.665 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BF114468.D
 Acq: 21 May 2019 20:42

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	286685		
226	27.6	22.2	33.2	
229	21.4	16.4	24.6	





#83

Chrysene

Concen: 8.419 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF114468.D

Acq: 21 May 2019 20:42

Instrument :

BNA_F

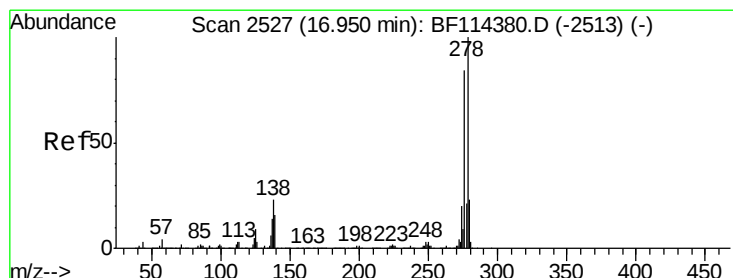
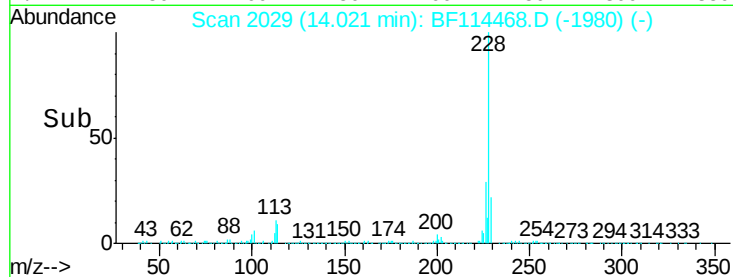
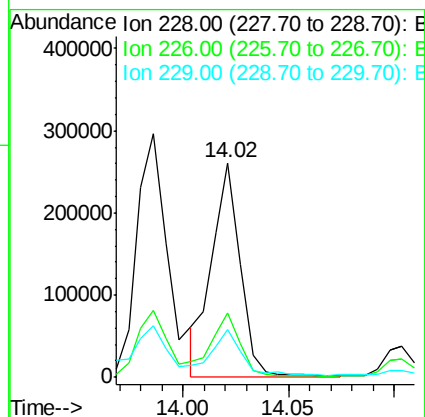
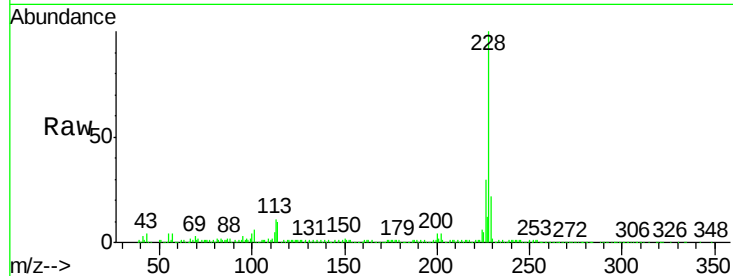
ClientSampleId :

CL-02-050719-A

Tgt Ion:	228	Resp:	244790
Ion Ratio	Lower	Upper	
228	100		
226	29.7	25.0	37.6
229	22.4	17.0	25.6

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#86

Indeno(1,2,3-cd)pyrene

Concen: 3.494 ng

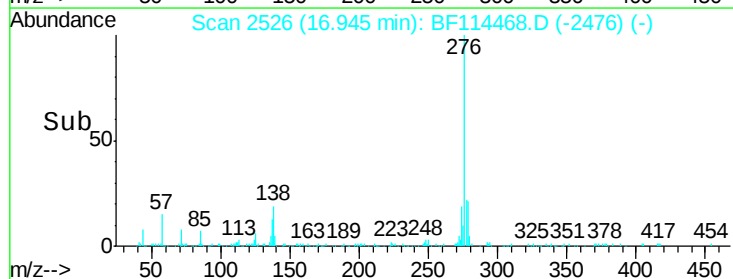
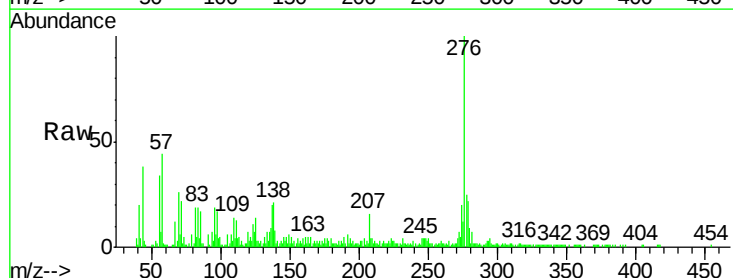
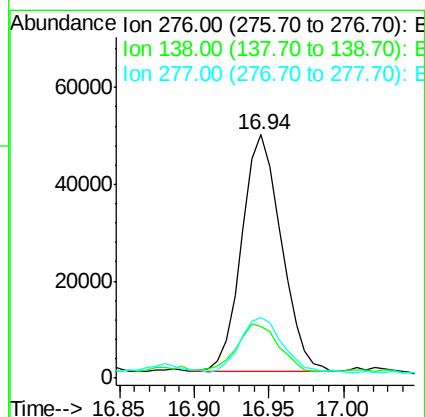
RT: 16.94 min Scan# 2526

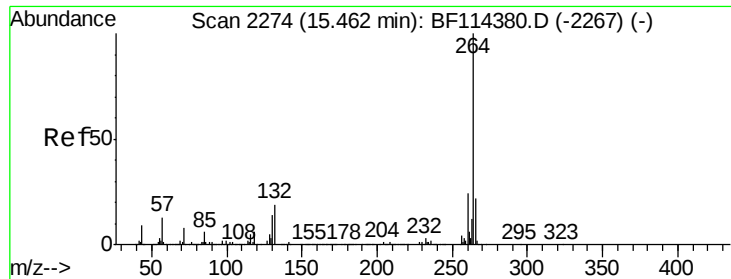
Delta R.T. -0.01 min

Lab File: BF114468.D

Acq: 21 May 2019 20:42

Tgt Ion:	276	Resp:	89789
Ion Ratio	Lower	Upper	
276	100		
138	21.7	20.2	30.2
277	25.5	20.0	30.0





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2275

Delta R.T. 0.01 min

Lab File: BF114468.D

Acq: 21 May 2019 20:42

Instrument :

BNA_F

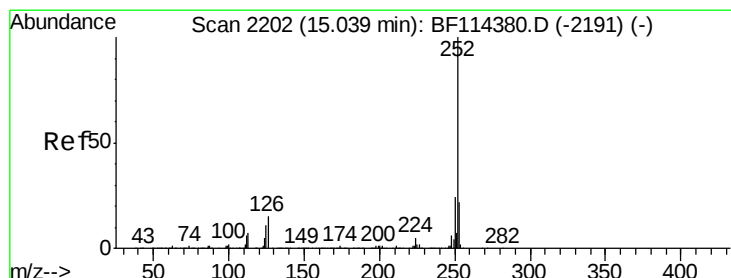
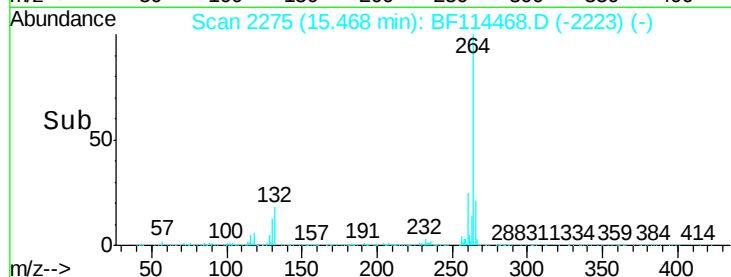
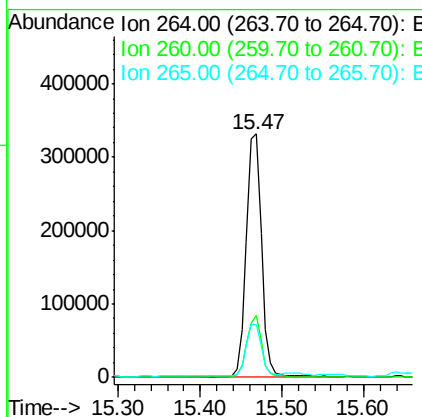
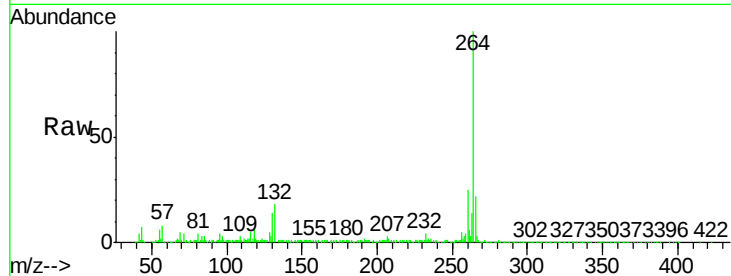
ClientSampleId :

CL-02-050719-A

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	431312		
260	25.1	19.4	29.0	
265	21.6	16.9	25.3	

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#88

Benzo(b)fluoranthene

Concen: 11.587 ng m

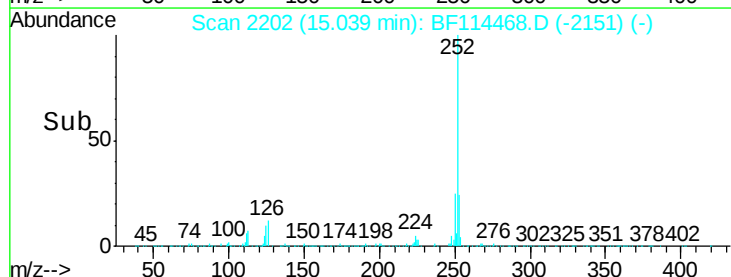
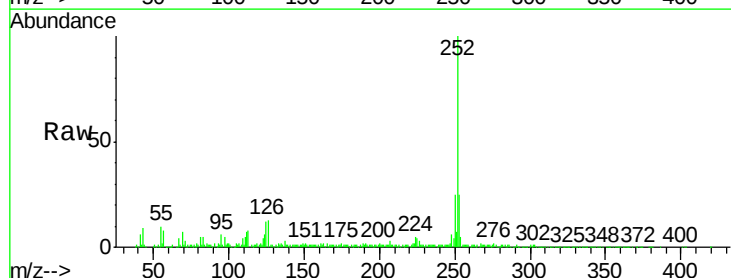
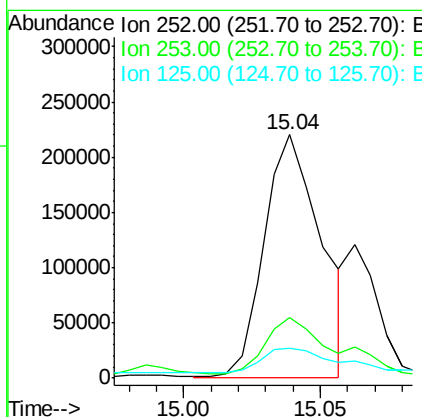
RT: 15.04 min Scan# 2202

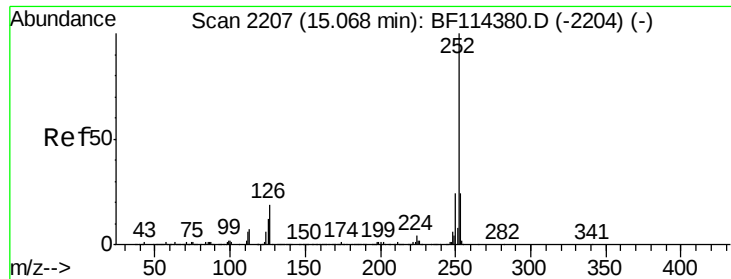
Delta R.T. 0.00 min

Lab File: BF114468.D

Acq: 21 May 2019 20:42

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	320184		
253	24.8	17.8	26.8	
125	12.4	8.3	12.5	





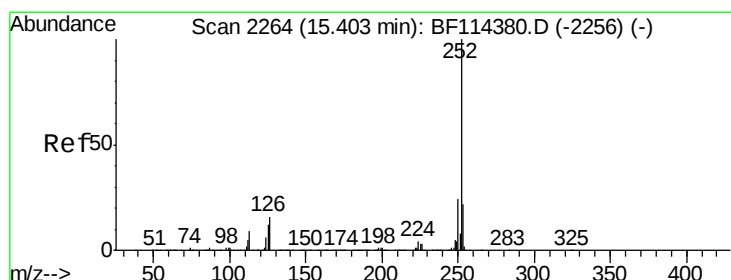
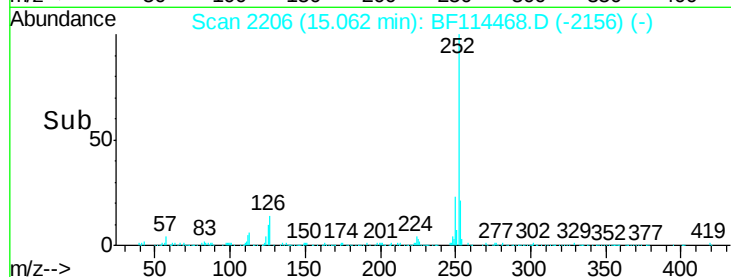
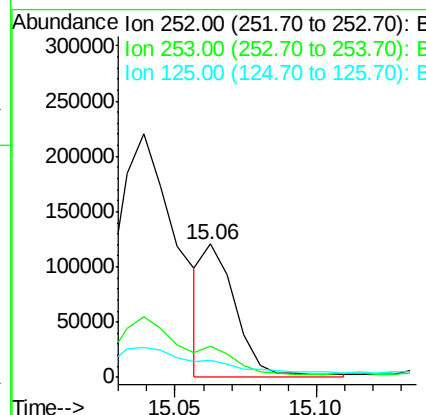
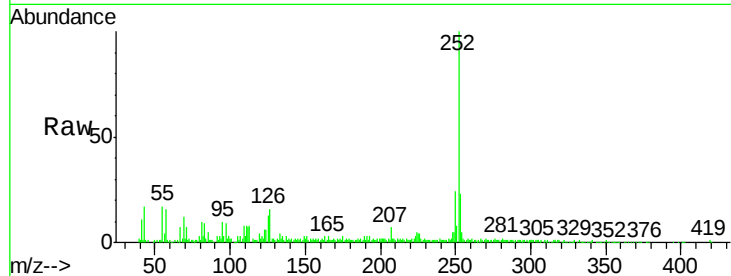
#89
Benzo(k)fluoranthene
Concen: 3.863 ng m
RT: 15.06 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF114468.D
Acq: 21 May 2019 20:42

Instrument :
BNA_F
ClientSampleId :
CL-02-050719-A

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.2	27.2
125	13.2	8.6	13.0

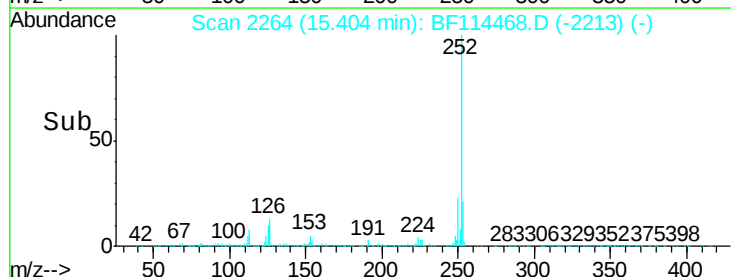
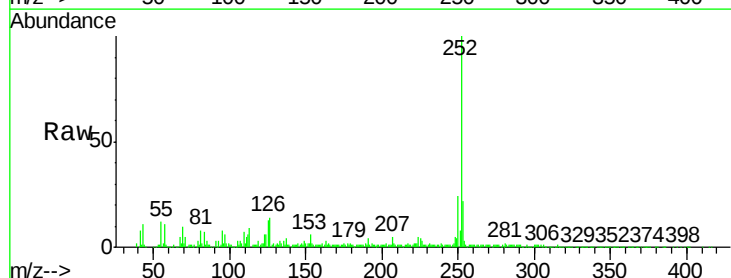
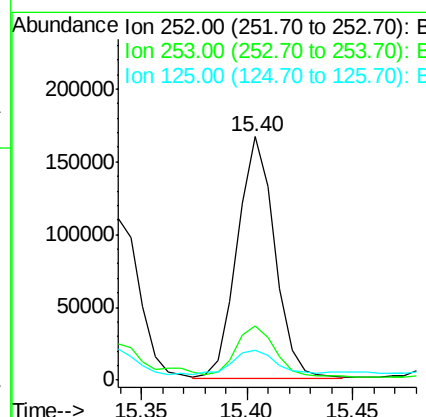
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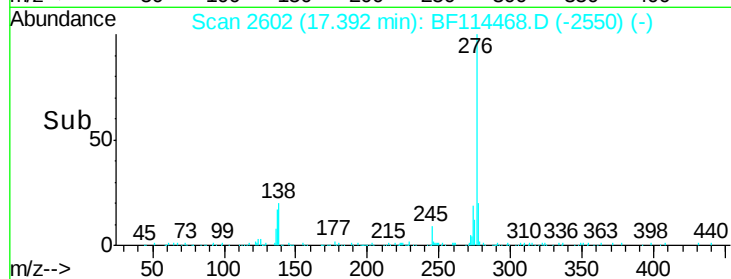
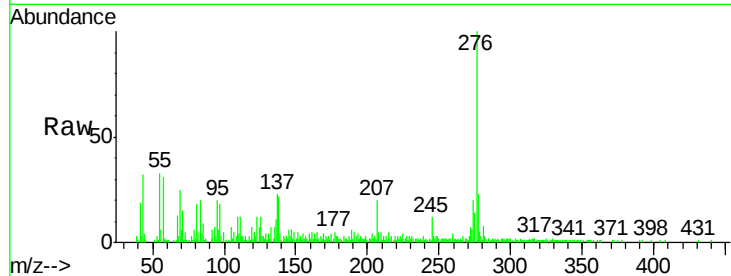
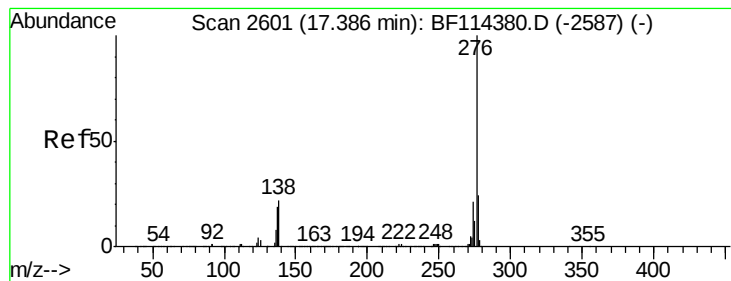
Sohil
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#90
Benzo(a)pyrene
Concen: 8.312 ng
RT: 15.40 min Scan# 2264
Delta R.T. 0.00 min
Lab File: BF114468.D
Acq: 21 May 2019 20:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	12.5	9.5	14.3





#92

Benzo(g,h,i)perylene

Concen: 4.328 ng

RT: 17.39 min Scan# 2602

Delta R.T. 0.01 min

Lab File: BF114468.D

Acq: 21 May 2019 20:42

Instrument :

BNA_F

ClientSampleId :

CL-02-050719-A

Tgt Ion:	276	Resp:	87641
Ion Ratio	Lower	Upper	
276	100		
277	23.0	19.0	28.4
138	22.1	17.8	26.6

Manual Integrations
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