

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082418\
 Data File : BF108481.D
 Acq On : 24 Aug 2018 23:23
 Operator : JU/SJ
 Sample : J4581-19
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q3-D3

Manual Integrations
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Quant Time: Aug 25 01:47:13 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 22 11:01:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	131277	20.00	ng	-0.01
21) Naphthalene-d8	8.28	136	509457	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	253562	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	476281	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	281886	20.00	ng	-0.01
86) Perylene-d12	15.74	264	285773	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	481877	66.46	ng	0.00
7) Phenol-d6	6.62	99	667018	69.22	ng	-0.01
23) Nitrobenzene-d5	7.56	82	447172	48.98	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	181874	71.91	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	819605	51.89	ng	-0.01
78) Terphenyl-d14	13.12	244	719725	64.92	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.75	163	335426	18.991	ng	Qvalue # 99
70) Phenanthrene	11.56	178	98008	4.363	ng	97
74) Fluoranthene	12.75	202	114668	4.677	ng	95
77) Pyrene	12.99	202	108458	6.077	ng	98
80) Benzo(a)anthracene	14.18	228	44195	2.732	ng	99
82) Chrysene	14.21	228	38637	2.605	ng	96
87) Benzo(b)fluoranthene	15.27	252	44364m	2.598	ng	
89) Benzo(a)pyrene	15.67	252	32440	2.121	ng	97

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

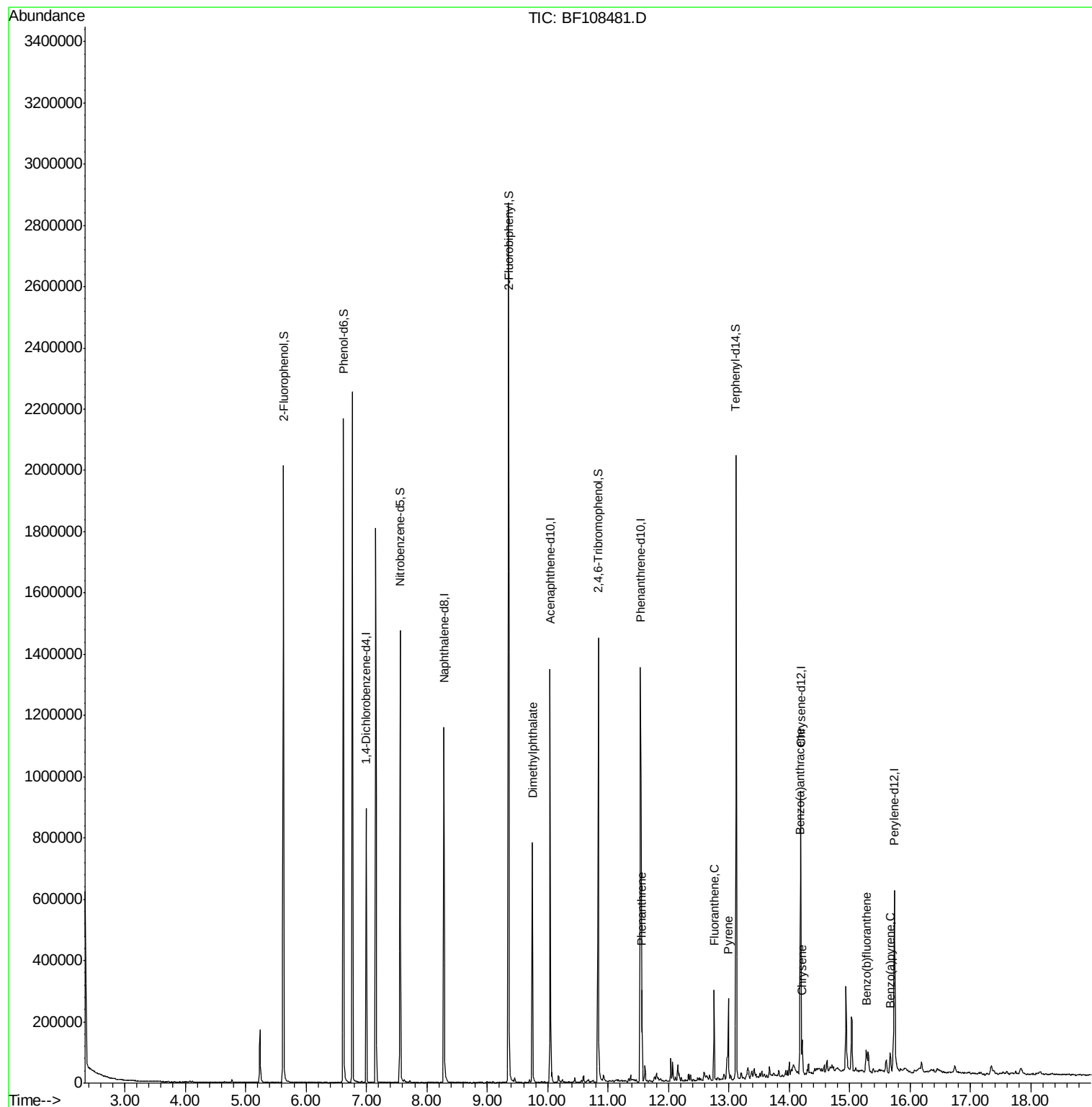
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082418\
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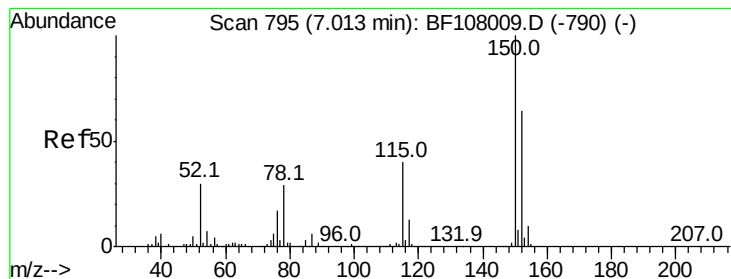
Instrument :
BNA_F
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EP1-Q3-D3

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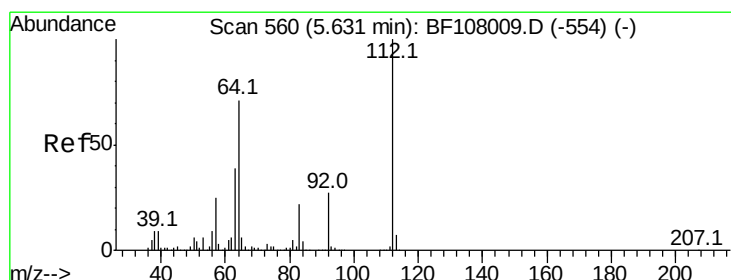
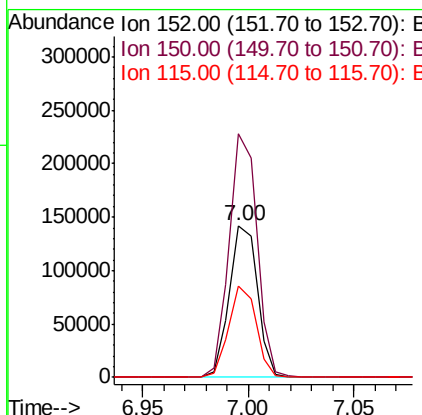
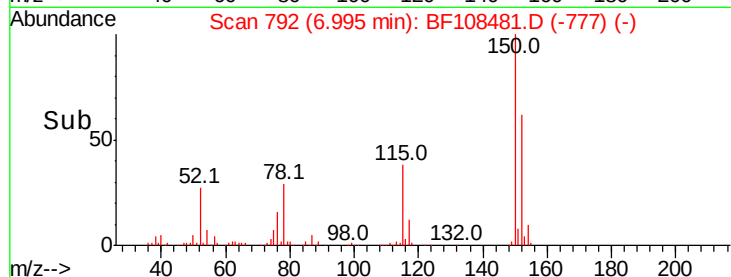
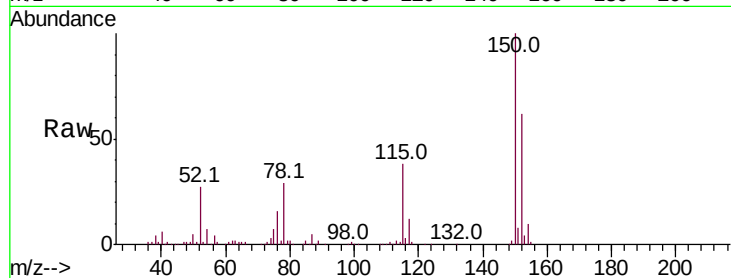
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.00 min Scan# 792
 Delta R.T. -0.01 min
 Lab File: BF108481.D
 Acq: 24 Aug 2018 23:23

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q3-D3

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.2	124.6	186.8
115	60.2	50.1	75.1

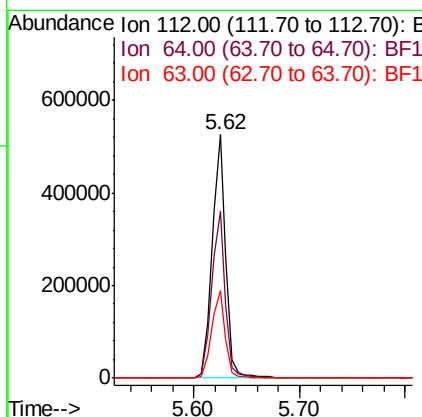
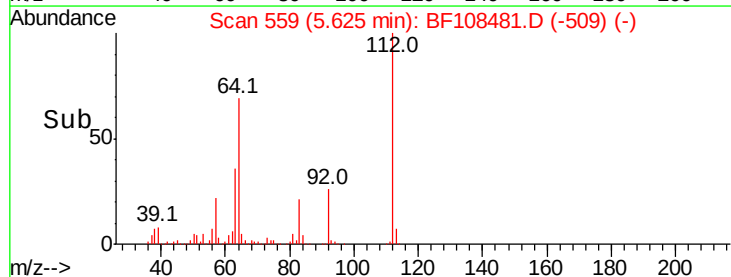
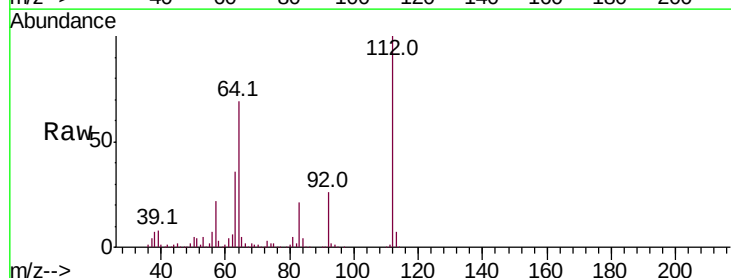
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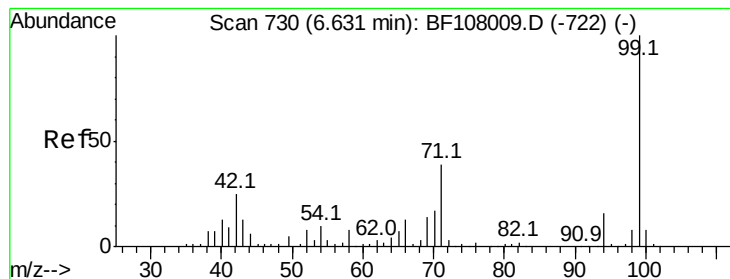
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#5
 2-Fluorophenol
 Concen: 66.456 ng
 RT: 5.62 min Scan# 559
 Delta R.T. -0.01 min
 Lab File: BF108481.D
 Acq: 24 Aug 2018 23:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.7	47.9	71.9
63	36.1	23.7	35.5#





#7

Phenol-d6

Concen: 69.224 ng

RT: 6.62 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF108481.D

Acq: 24 Aug 2018 23:23

Instrument :

BNA_F

ClientSampleId :

EP1-Q3-D3

Tot Ion: 99 Resp: 667018

Ion Ratio Lower Upper

99 100

42 22.1 14.5 21.7#

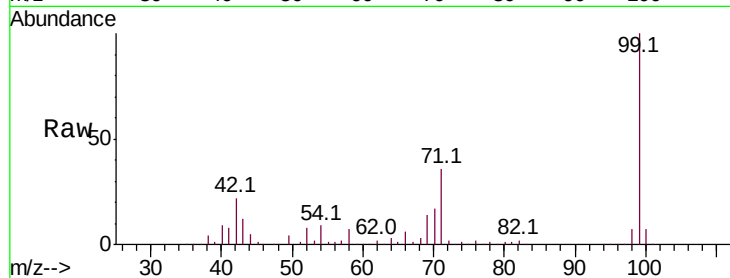
71 36.4 25.4 38.0

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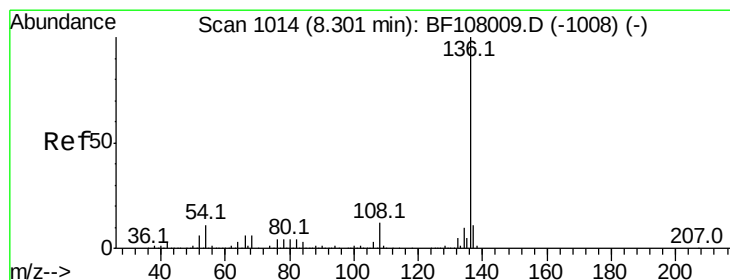
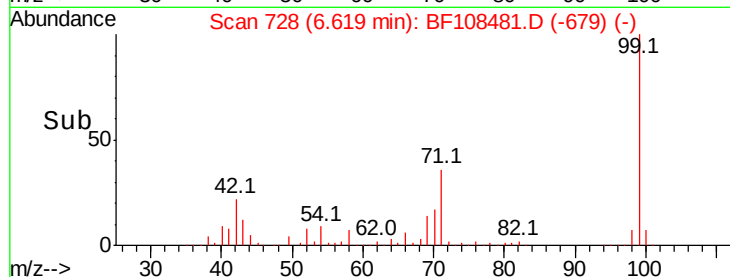
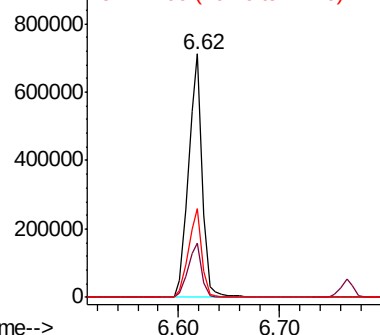
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.28 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF108481.D

Acq: 24 Aug 2018 23:23

Tgt Ion: 136 Resp: 509457

Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 9.4 6.6 9.8

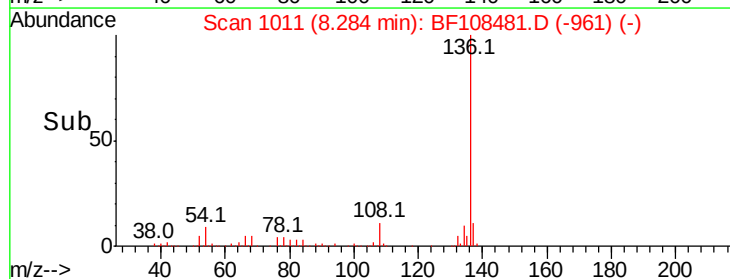
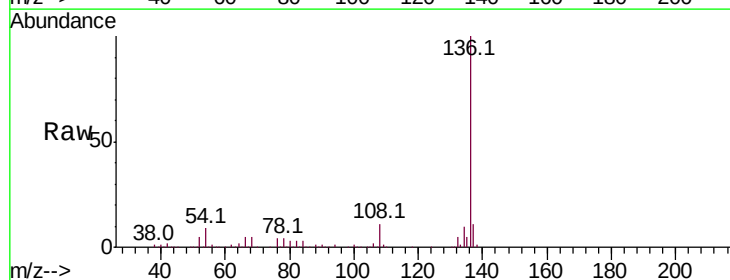
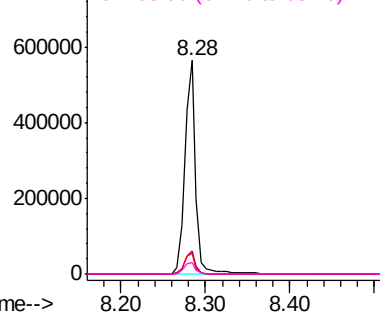
68 5.3 5.0 7.4

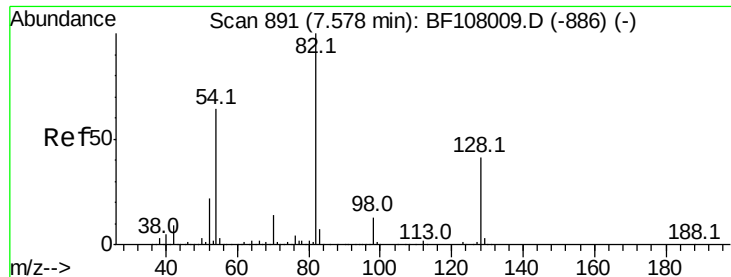
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





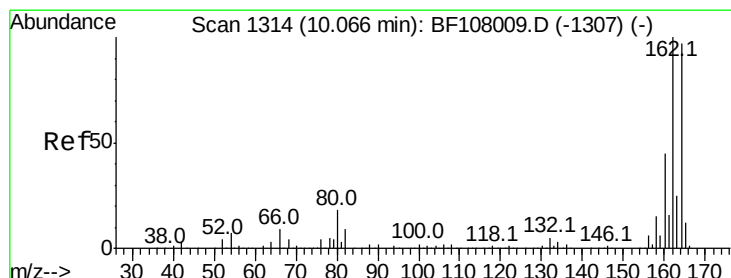
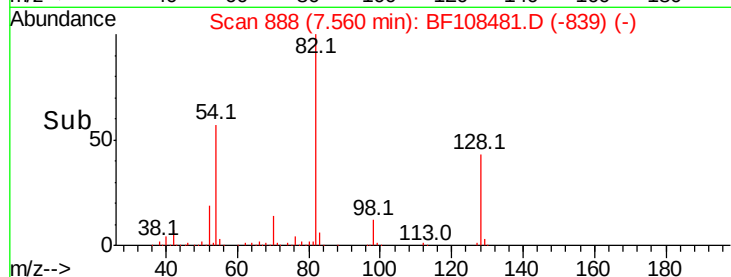
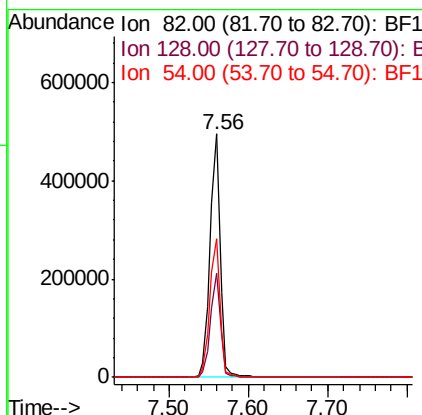
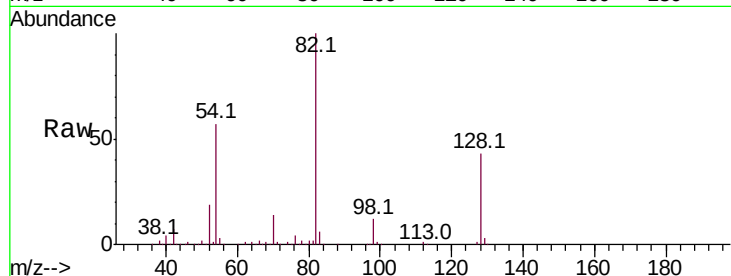
#23
 Nitrobenzene-d5
 Concen: 48.979 ng
 RT: 7.56 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF108481.D
 Acq: 24 Aug 2018 23:23

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q3-D3

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.6	36.1	54.1
54	57.1	41.4	62.2

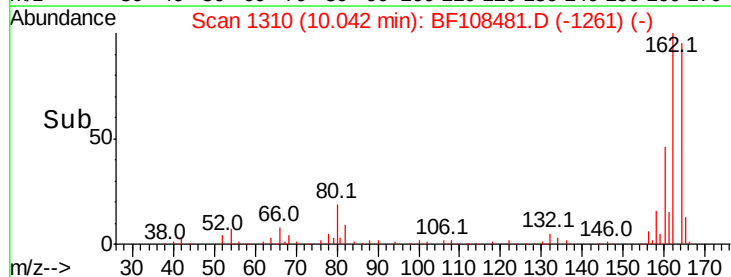
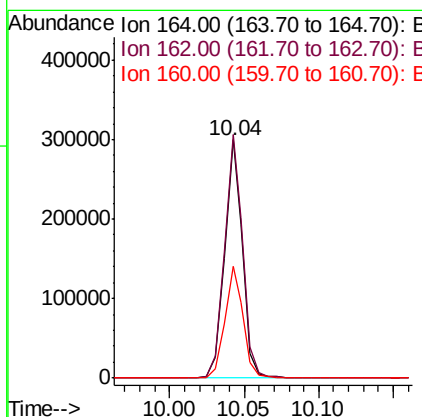
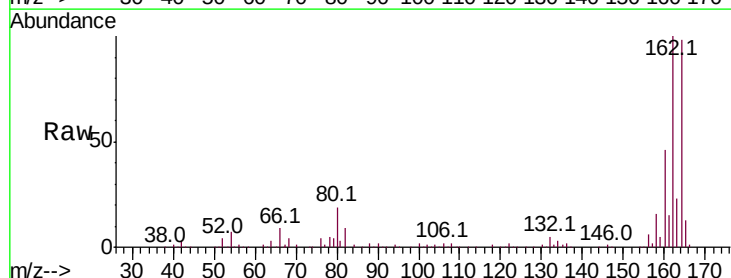
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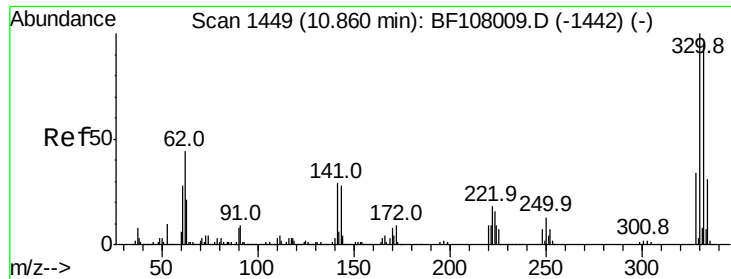
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF108481.D
 Acq: 24 Aug 2018 23:23

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.2	86.1	129.1
160	47.0	38.3	57.5





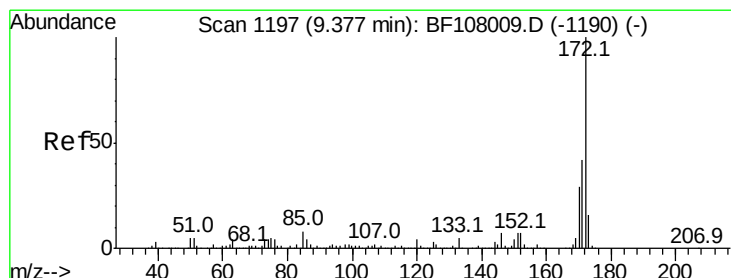
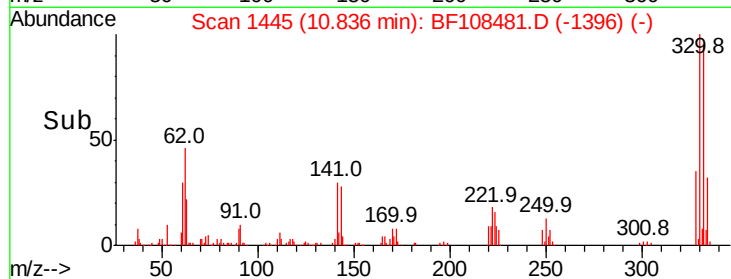
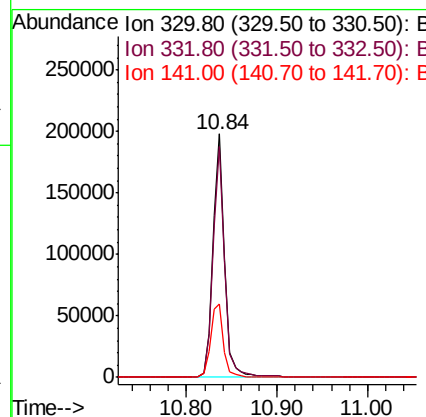
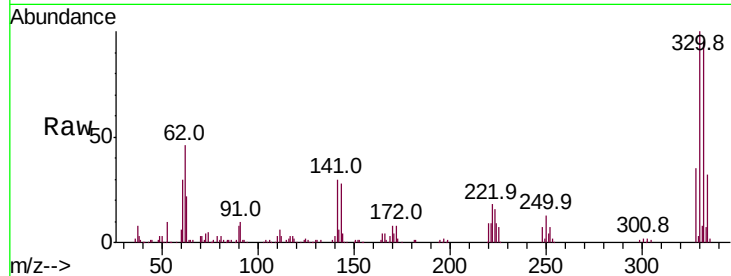
#41
 2,4,6-Tribromophenol
 Concen: 71.909 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108481.D
 Acq: 24 Aug 2018 23:23

Instrument :
 BNA_F
 ClientSampled :
 EP1-Q3-D3

Tot Ion:	330	Resp:	181874
Ion Ratio	Lower	Upper	
330	100		
332	95.4	77.0	115.6
141	33.3	29.9	44.9

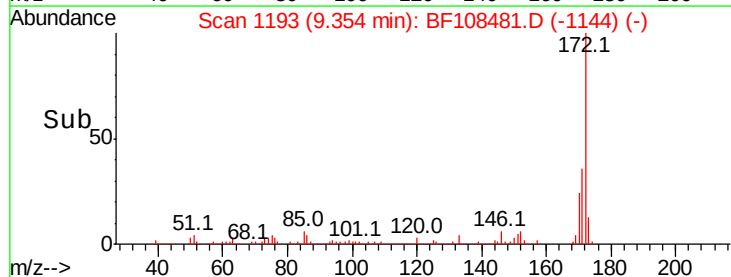
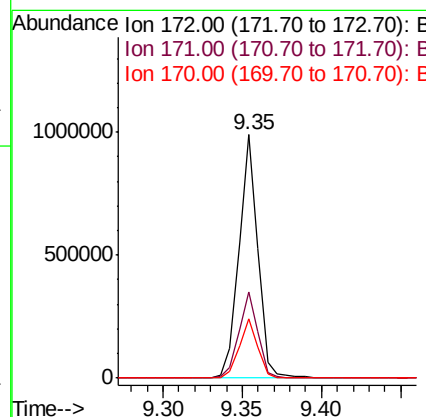
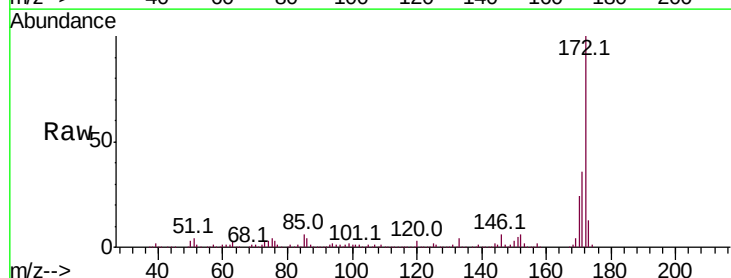
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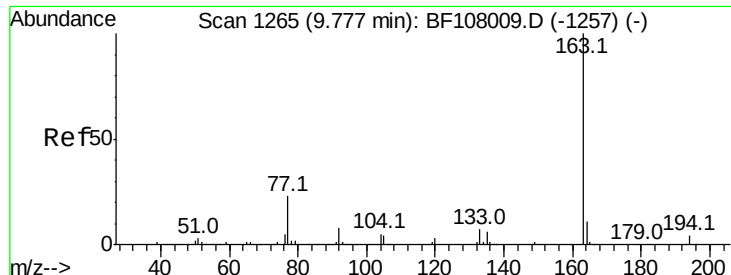
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#44
 2-Fluorobiphenyl
 Concen: 51.895 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108481.D
 Acq: 24 Aug 2018 23:23

Tgt Ion:	172	Resp:	819605
Ion Ratio	Lower	Upper	
172	100		
171	35.5	29.7	44.5
170	24.1	19.6	29.4





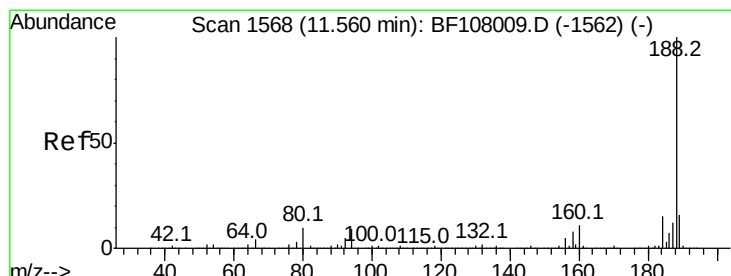
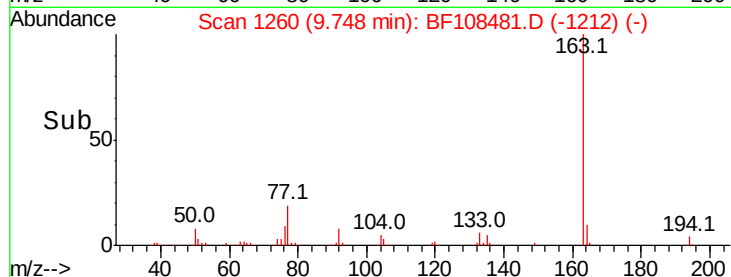
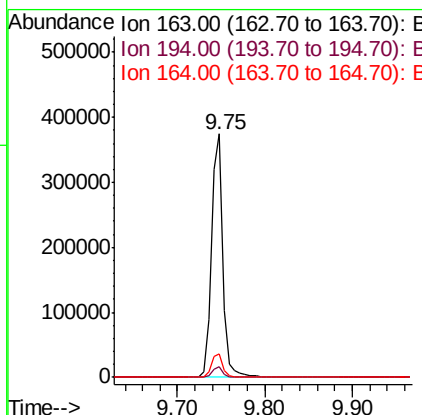
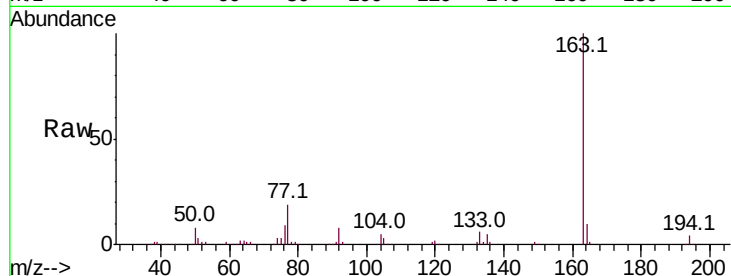
#49
 Dimethylphthalate
 Concen: 18.991 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.02 min
 Lab File: BF108481.D
 Acq: 24 Aug 2018 23:23

Instrument :
 BNA_F
 ClientSampled :
 EP1-Q3-D3

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.2	2.7	4.1#	
164	9.8	8.2	12.2	

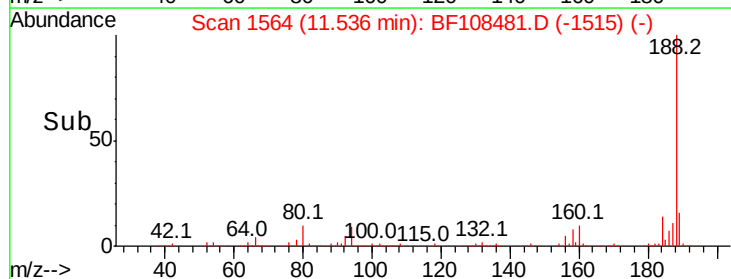
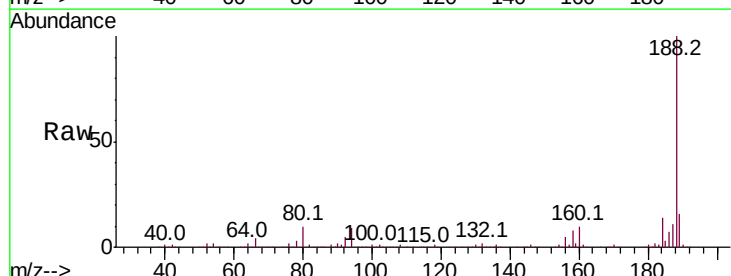
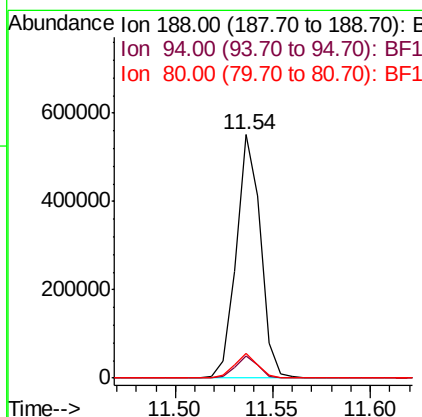
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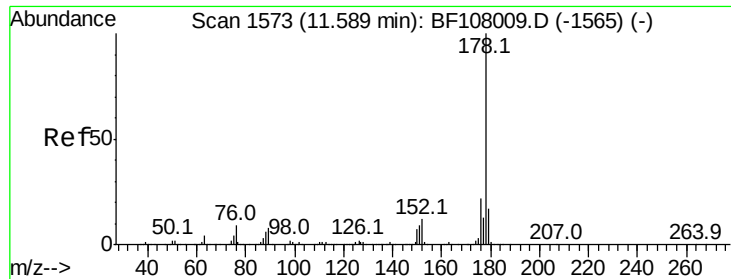
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#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.54 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF108481.D
 Acq: 24 Aug 2018 23:23

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	8.9	8.5	12.7	
80	9.9	9.2	13.8	





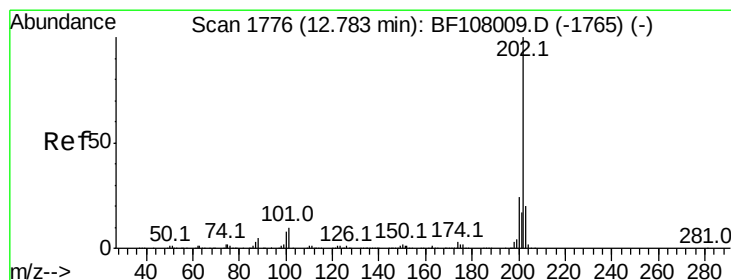
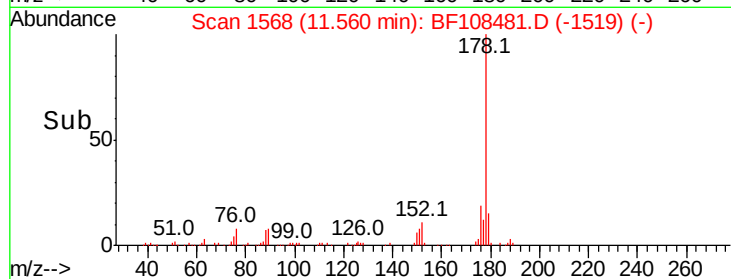
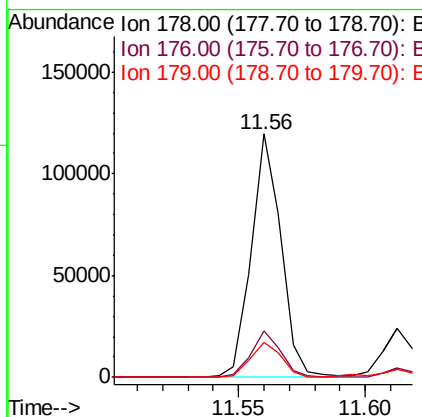
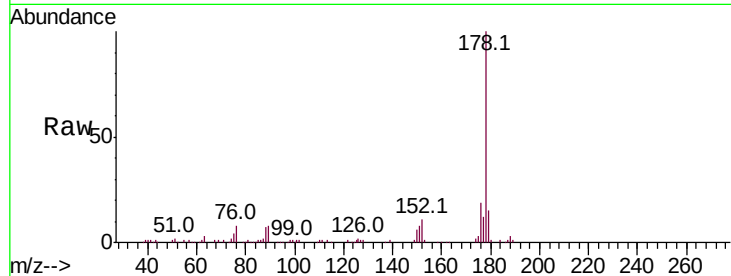
#70
 Phenanthrene
 Concen: 4.363 ng
 RT: 11.56 min Scan# 1568
 Delta R.T. -0.01 min
 Lab File: BF108481.D
 Acq: 24 Aug 2018 23:23

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q3-D3

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.8
179	14.6	13.0	19.6

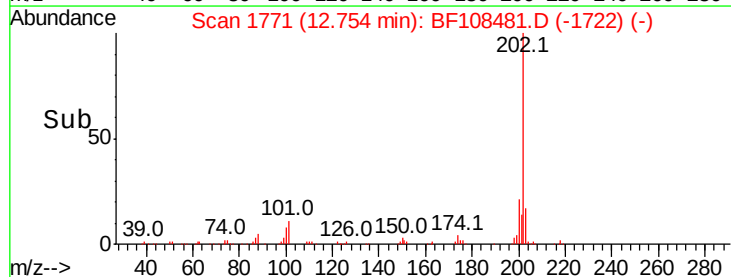
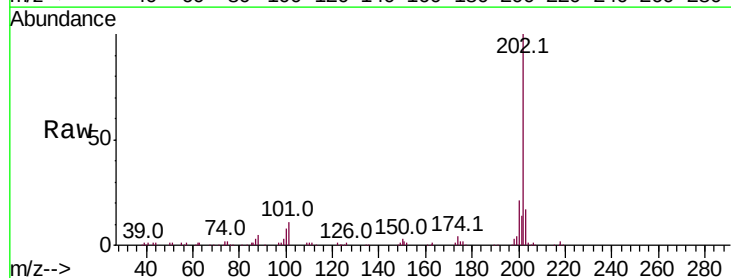
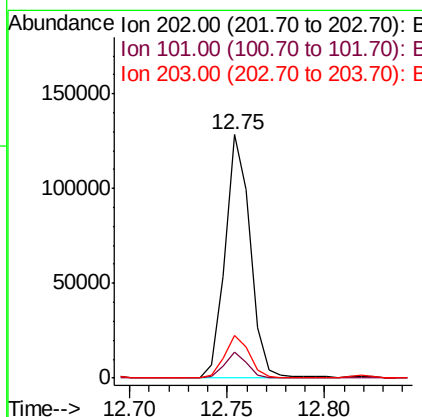
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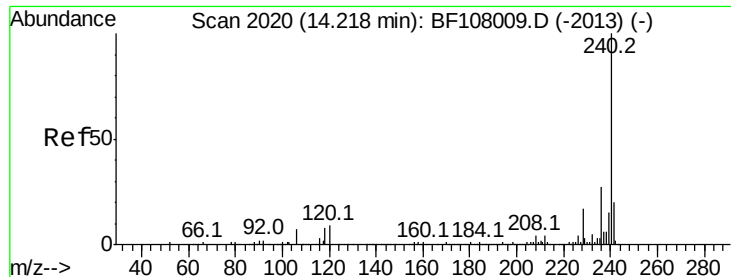
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#74
 Fluoranthene
 Concen: 4.677 ng
 RT: 12.75 min Scan# 1771
 Delta R.T. -0.01 min
 Lab File: BF108481.D
 Acq: 24 Aug 2018 23:23

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	34.1
203	17.3	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.19 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF108481.D

Acq: 24 Aug 2018 23:23

Instrument :

BNA_F

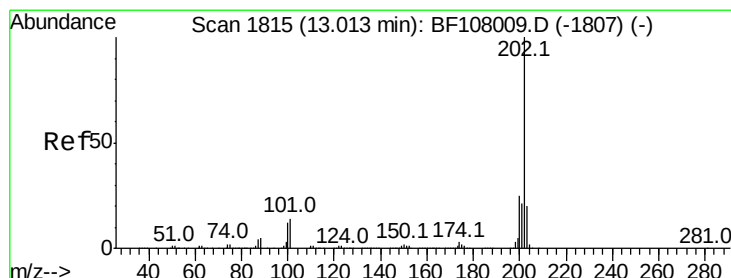
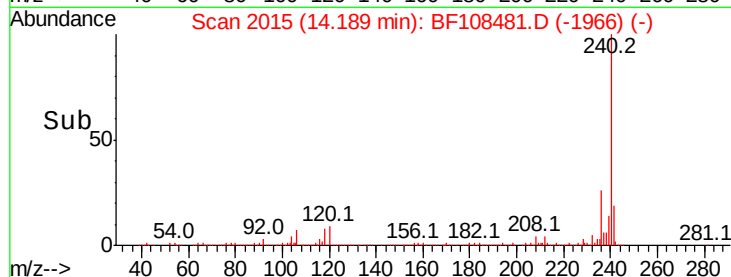
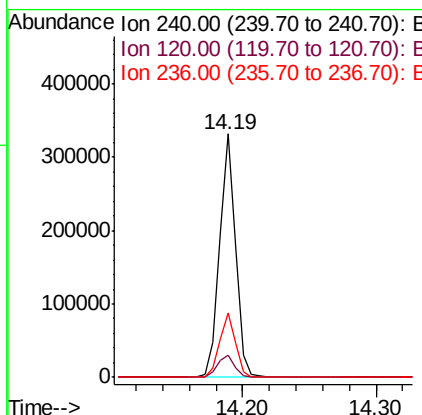
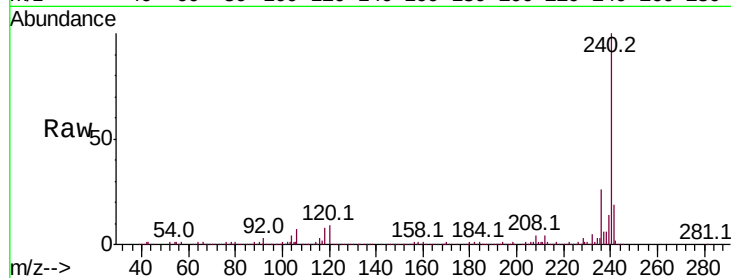
ClientSampleId :

EP1-Q3-D3

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.1	9.5	14.3#
236	26.3	20.7	31.1

Manual Integrations
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#77

Pyrene

Concen: 6.077 ng

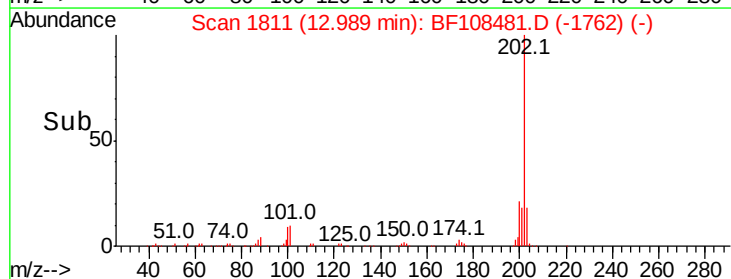
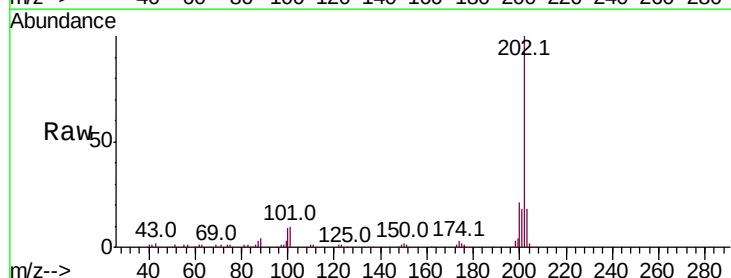
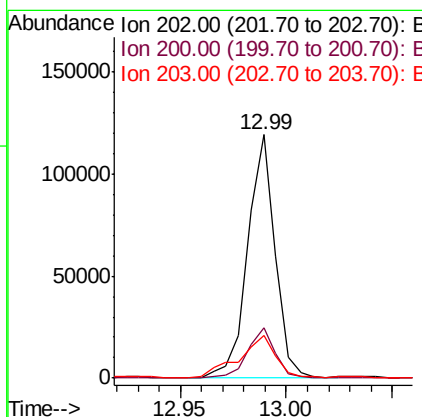
RT: 12.99 min Scan# 1811

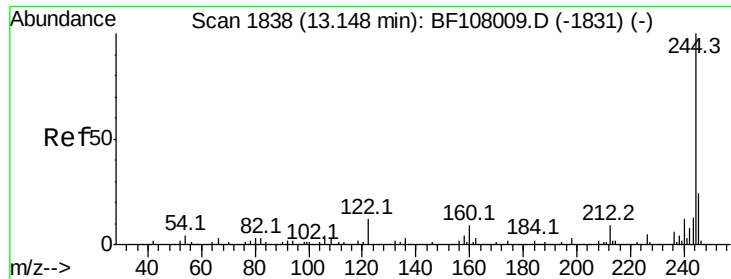
Delta R.T. -0.01 min

Lab File: BF108481.D

Acq: 24 Aug 2018 23:23

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.4	26.2
203	17.8	14.3	21.5





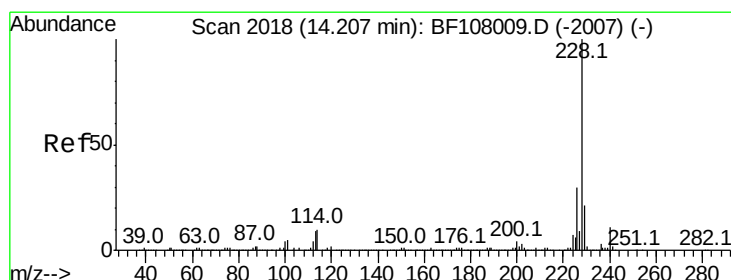
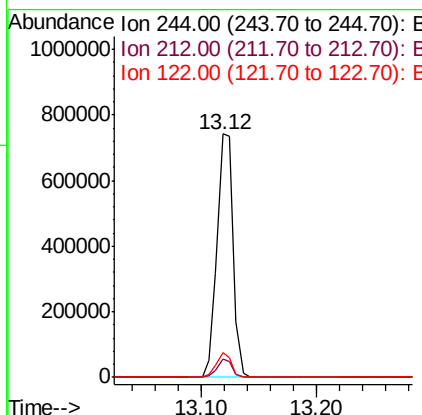
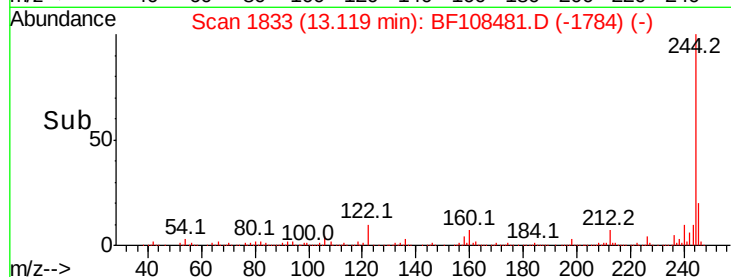
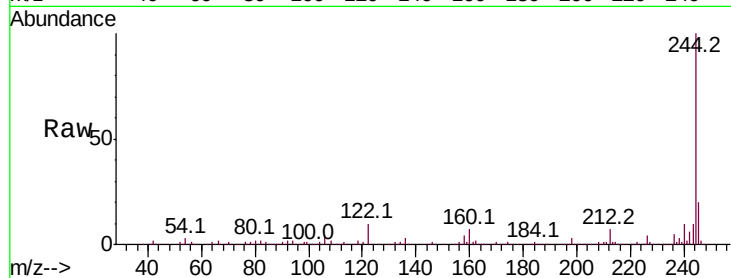
#78
 Terphenyl-d14
 Concen: 64.918 ng
 RT: 13.12 min Scan# 1833
 Delta R.T. -0.01 min
 Lab File: BF108481.D
 Acq: 24 Aug 2018 23:23

Instrument :
 BNA_F
 ClientSampled :
 EP1-Q3-D3

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.4	8.0
122	10.4	11.0	16.4

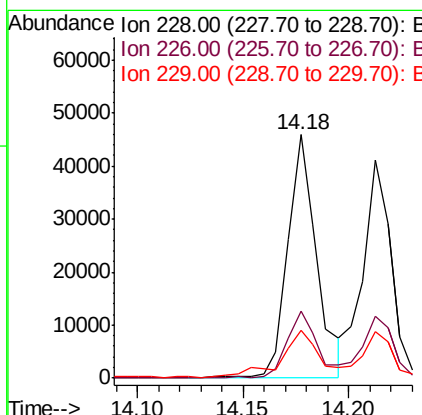
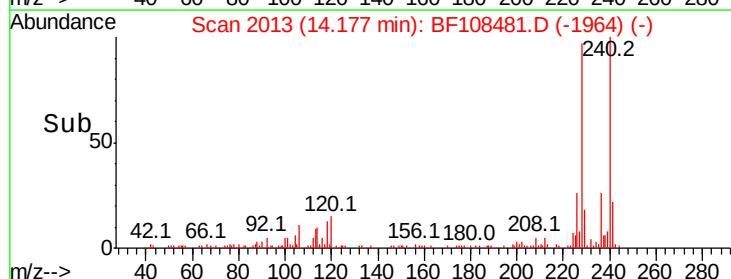
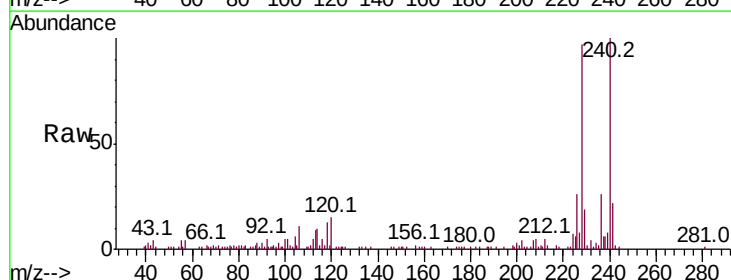
Manual Integrations
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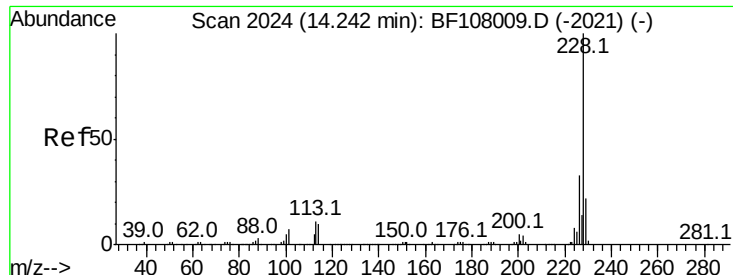
Sohil
 8/27/2018 12:57:07 PM



#80
 Benzo(a)anthracene
 Concen: 2.732 ng
 RT: 14.18 min Scan# 2013
 Delta R.T. -0.01 min
 Lab File: BF108481.D
 Acq: 24 Aug 2018 23:23

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	33.8
229	19.5	15.8	23.6





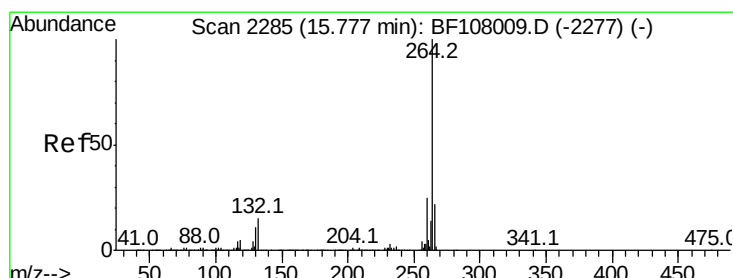
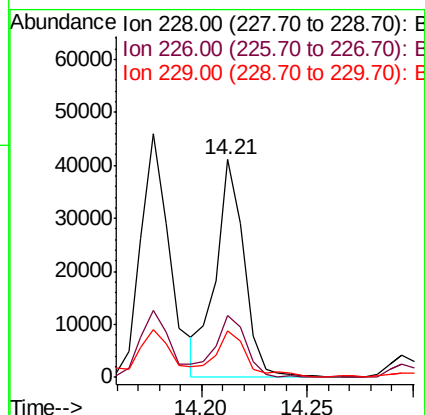
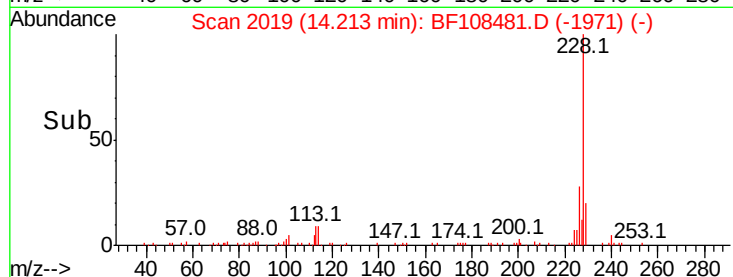
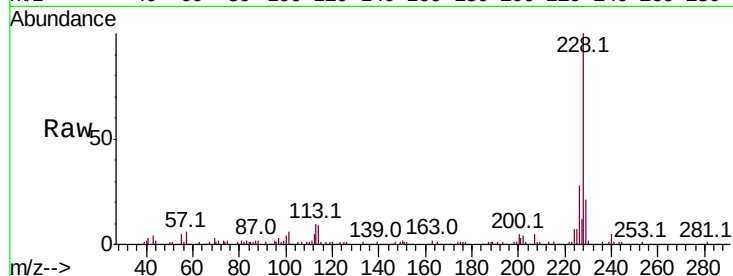
#82
Chrysene
Concen: 2.605 ng
RT: 14.21 min Scan# 2019
Delta R.T. -0.02 min
Lab File: BF108481.D
Acq: 24 Aug 2018 23:23

Instrument :
BNA_F
ClientSampleId :
EP1-Q3-D3

Tot Ion:	228	Resp:	38637
Ion Ratio	Lower	Upper	
228	100		
226	28.5	25.0	37.6
229	21.3	16.2	24.4

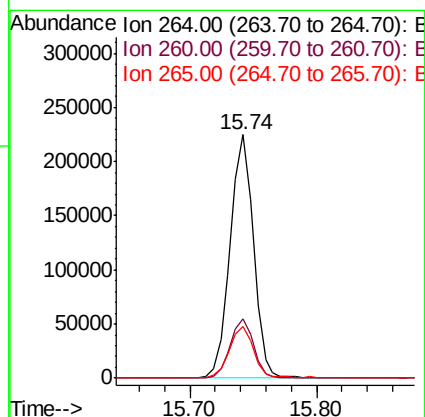
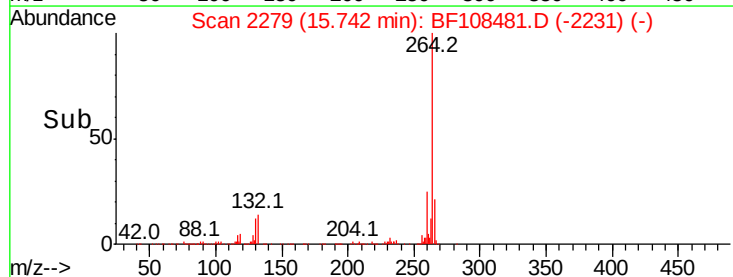
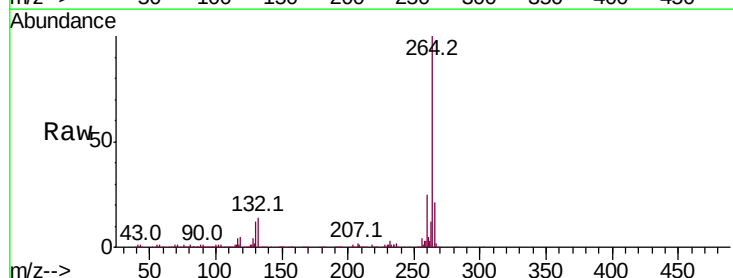
Manual Integrations
APPROVED

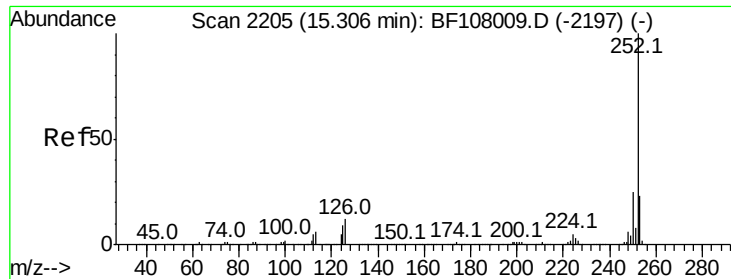
Sohil
8/27/2018 12:57:07 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.74 min Scan# 2279
Delta R.T. -0.02 min
Lab File: BF108481.D
Acq: 24 Aug 2018 23:23

Tgt Ion:	264	Resp:	285773
Ion Ratio	Lower	Upper	
264	100		
260	24.6	19.2	28.8
265	21.4	17.5	26.3





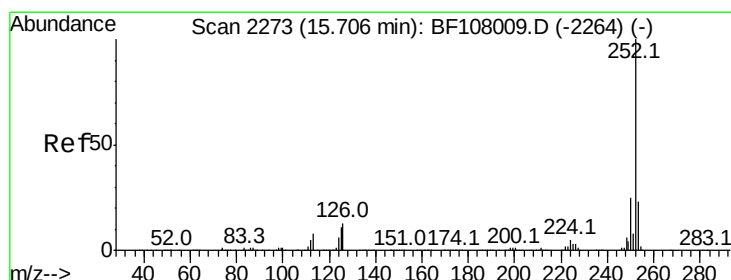
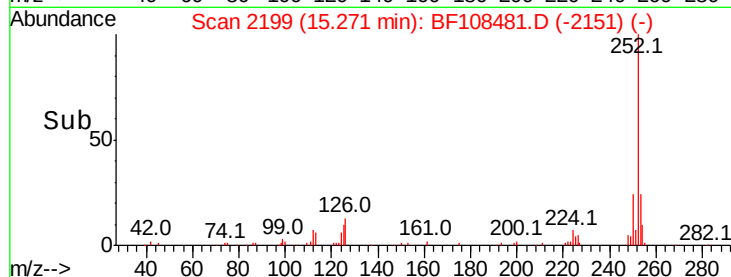
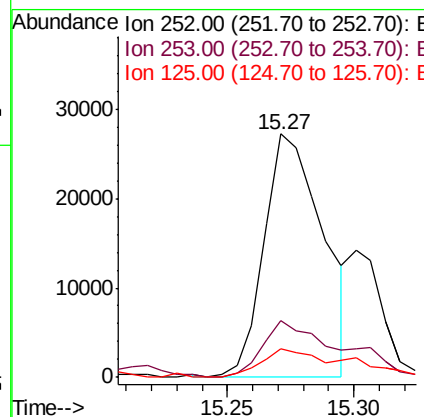
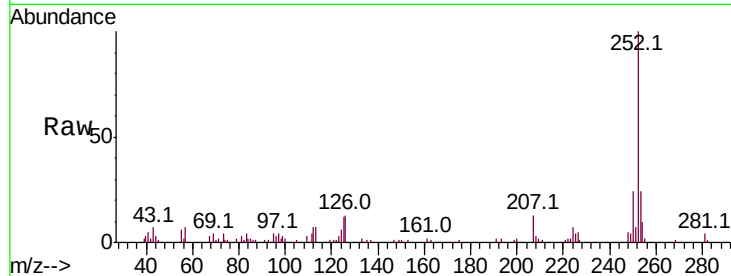
#87
Benzo(b)fluoranthene
Concen: 2.598 ng m
RT: 15.27 min Scan# 2199
Delta R.T. -0.02 min
Lab File: BF108481.D
Acq: 24 Aug 2018 23:23

Instrument :
BNA_F
ClientSampleId :
EP1-Q3-D3

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.0	25.6
125	11.6	9.0	13.6

Manual Integrations
APPROVED

Sohil
8/27/2018 12:57:07 PM



#89
Benzo(a)pyrene
Concen: 2.121 ng
RT: 15.67 min Scan# 2267
Delta R.T. -0.02 min
Lab File: BF108481.D
Acq: 24 Aug 2018 23:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.1	25.7
125	10.6	9.8	14.6

