

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
 Data File : BF108512.D
 Acq On : 27 Aug 2018 16:01
 Operator : JU/SJ
 Sample : J4646-13
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q4-D6

Manual Integrations
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Quant Time: Aug 27 16:45:00 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	116005	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	461374	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	229374	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	394201	20.00	ng	0.00
75) Chrysene-d12	14.19	240	299566	20.00	ng	0.00
86) Perylene-d12	15.75	264	280809	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	298584	46.60	ng	-0.01
7) Phenol-d6	6.62	99	412421	48.44	ng	-0.01
23) Nitrobenzene-d5	7.56	82	265747	32.14	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	104017	45.46	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	529362	37.05	ng	-0.01
78) Terphenyl-d14	13.12	244	416302	35.33	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.75	163	70525	4.414	ng	Qvalue # 98
74) Fluoranthene	12.76	202	59492	2.932	ng	94
77) Pyrene	12.99	202	52346	2.760	ng	99
87) Benzo(b)fluoranthene	15.28	252	35284m	2.103	ng	

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

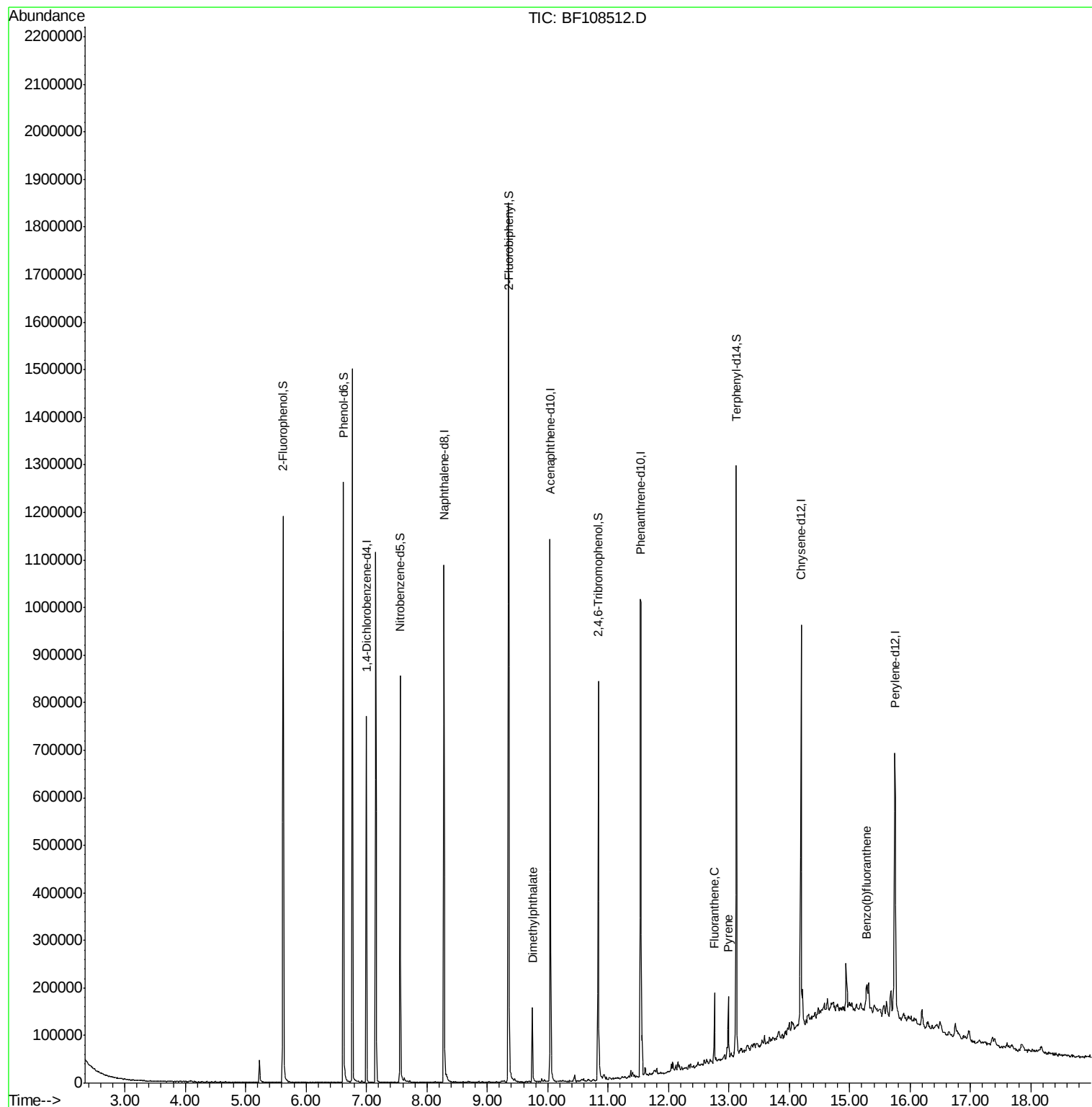
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
Data File : BF108512.D
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Misc :
ALS Vial : 16 Sample Multiplier: 1

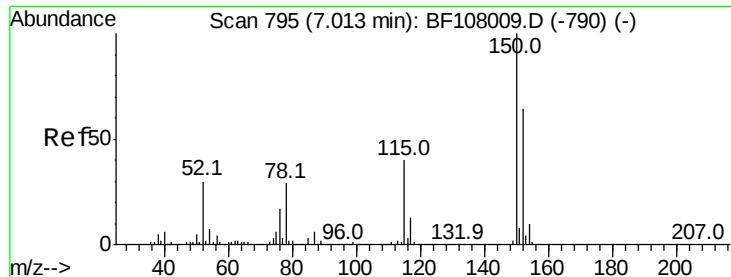
Instrument :
BNA_F
ClientSampleId :
EP1-Q4-D6

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#1

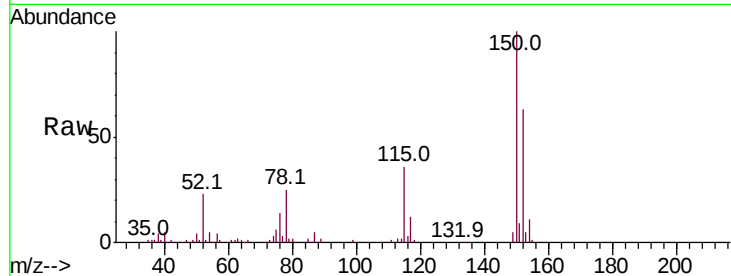
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108512.D
Acq: 27 Aug 2018 16:01

Instrument :
BNA_F
ClientSampled :
EP1-Q4-D6

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	124.6	186.8
115	57.5	50.1	75.1

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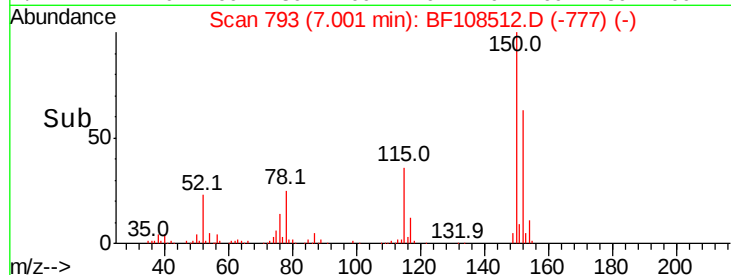
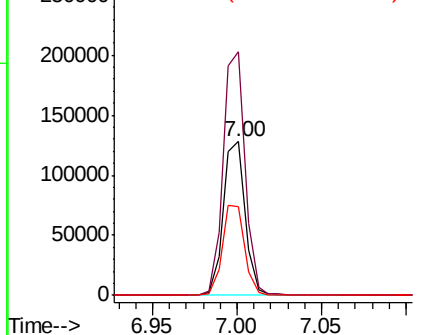


Abundance

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: 46.599 ng
RT: 5.62 min Scan# 558
Delta R.T. -0.01 min
Lab File: BF108512.D
Acq: 27 Aug 2018 16:01

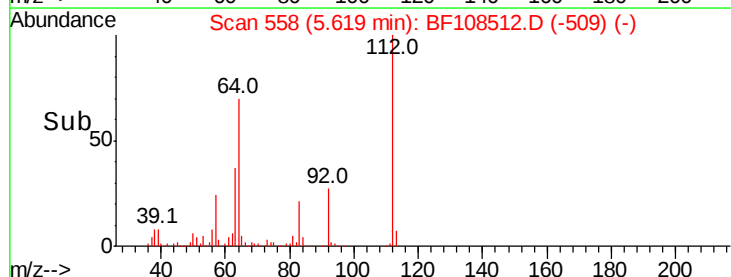
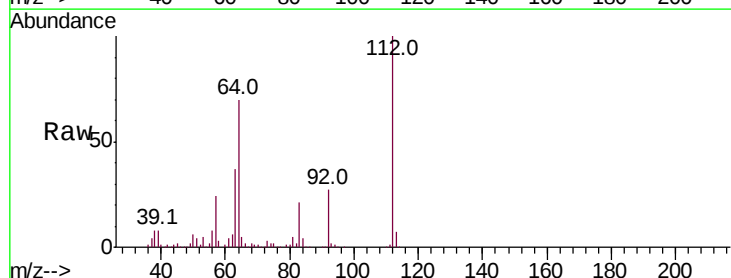
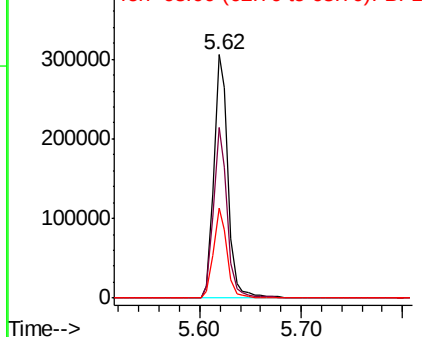
Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.1	47.9	71.9
63	36.9	23.7	35.5

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: 48.436 ng

RT: 6.62 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF108512.D

Acq: 27 Aug 2018 16:01

Instrument :

BNA_F

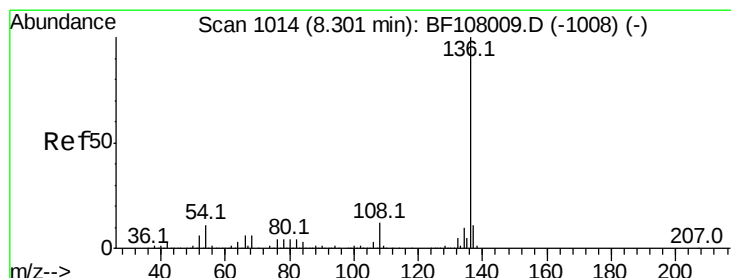
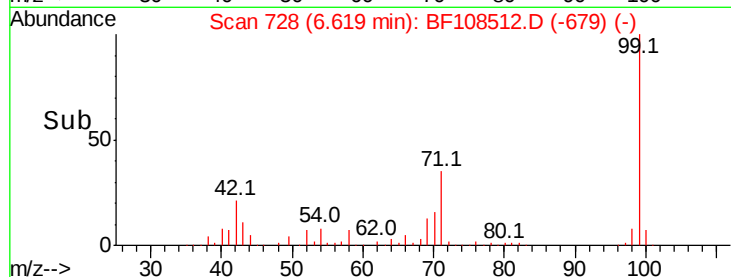
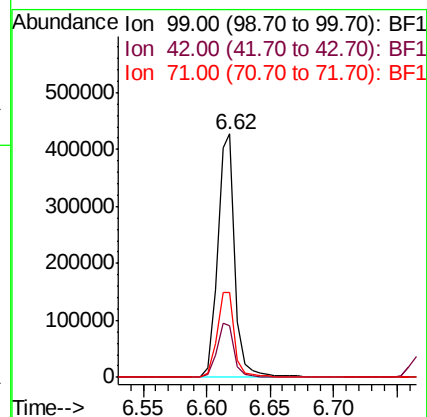
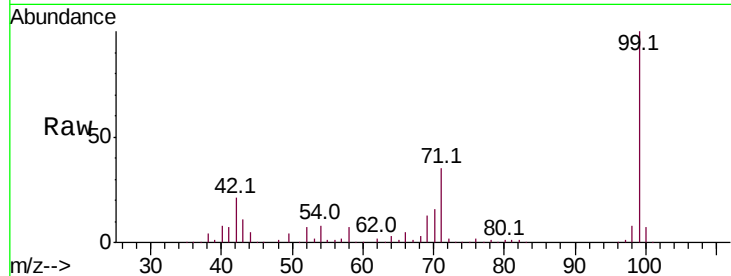
ClientSampled :

EP1-Q4-D6

Tot Ion:	99	Resp:	412421
Ion Ratio	Lower	Upper	
99	100		
42	21.4	14.5	21.7
71	34.8	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

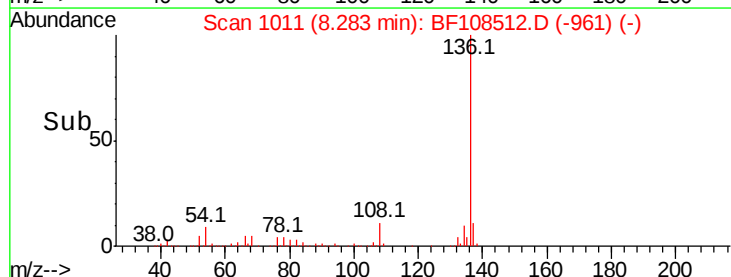
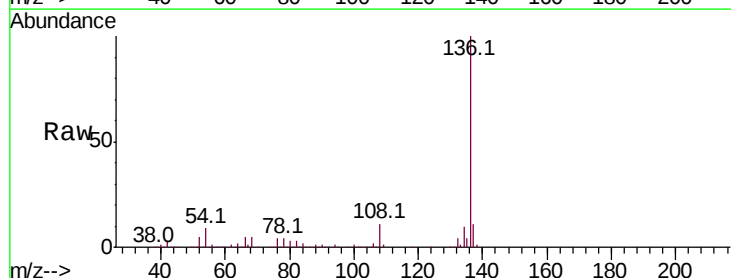
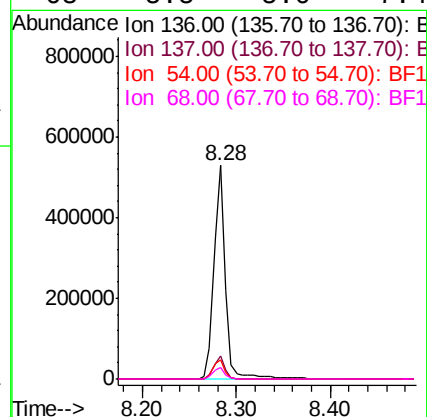
RT: 8.28 min Scan# 1011

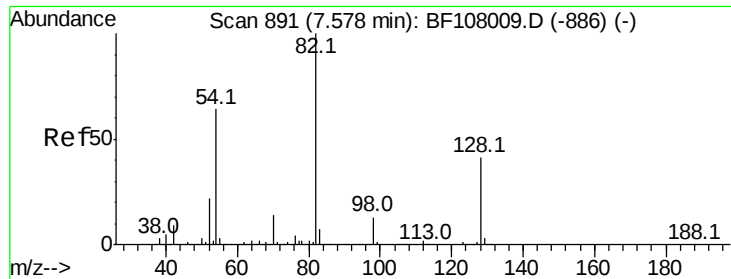
Delta R.T. -0.01 min

Lab File: BF108512.D

Acq: 27 Aug 2018 16:01

Tgt Ion:	136	Resp:	461374
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.9	13.3
54	9.2	6.6	9.8
68	5.5	5.0	7.4





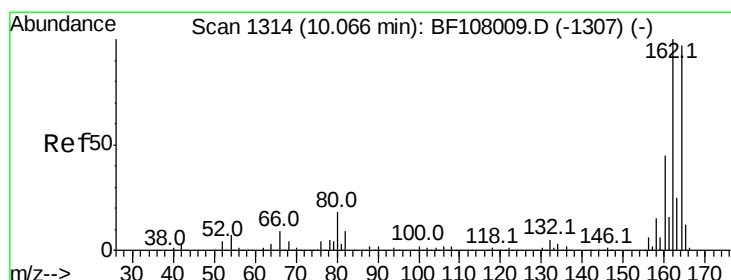
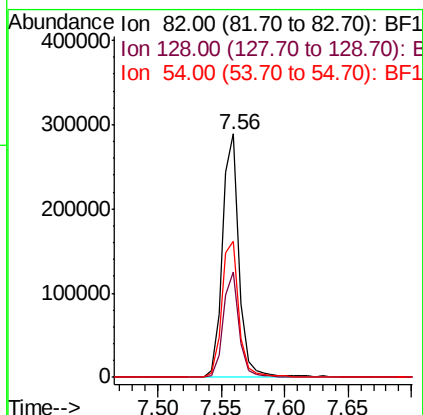
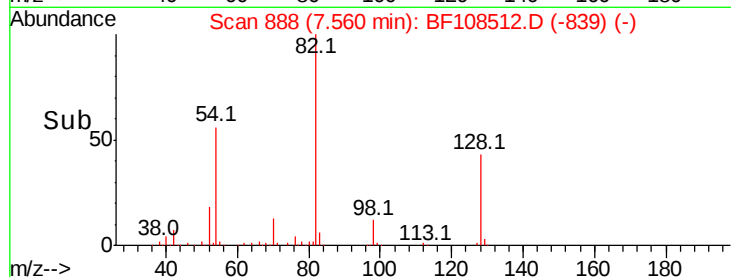
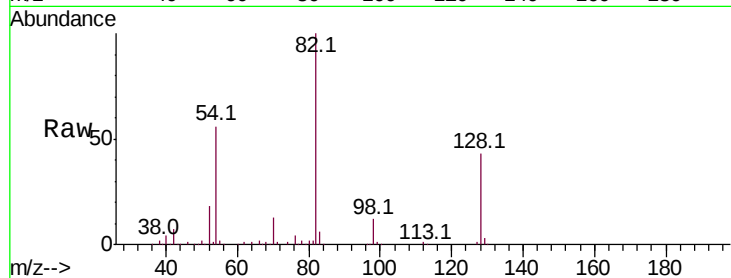
#23
 Nitrobenzene-d5
 Concen: 32.141 ng
 RT: 7.56 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF108512.D
 Acq: 27 Aug 2018 16:01

Instrument :
 BNA_F
 ClientSampled :
 EP1-Q4-D6

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.2	36.1	54.1
54	55.9	41.4	62.2

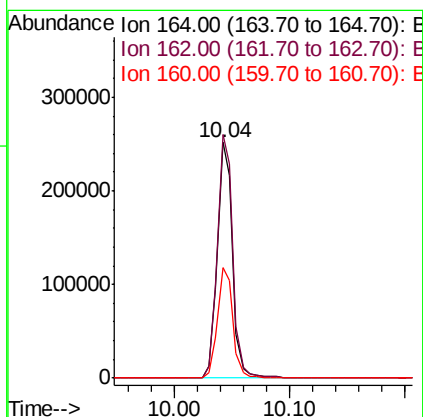
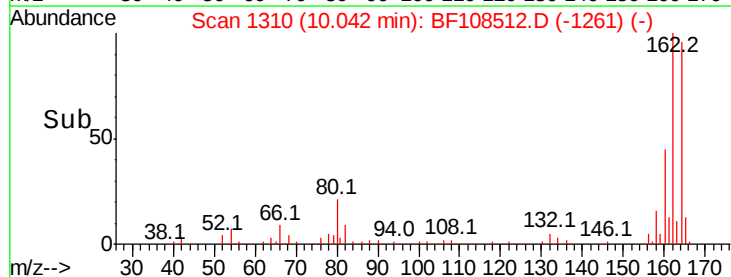
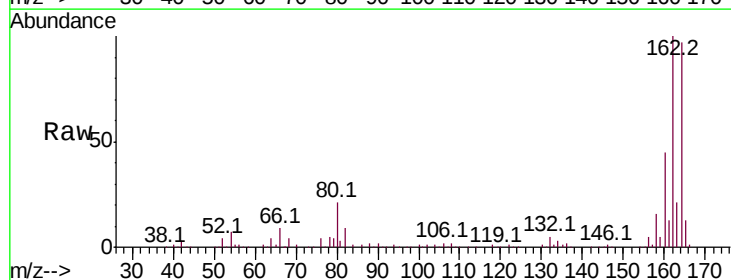
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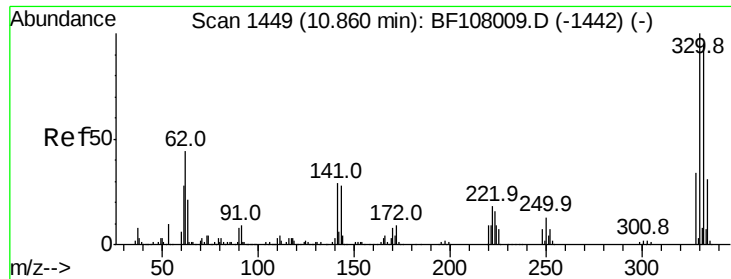
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF108512.D
 Acq: 27 Aug 2018 16:01

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.4	86.1	129.1
160	46.8	38.3	57.5





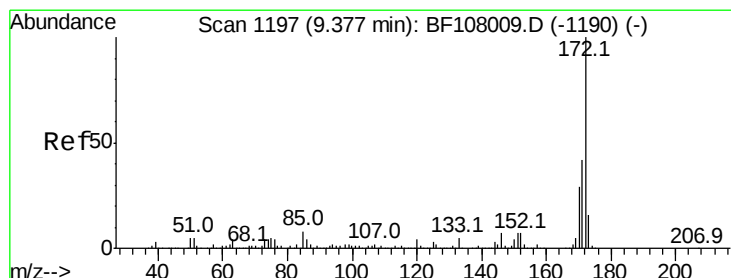
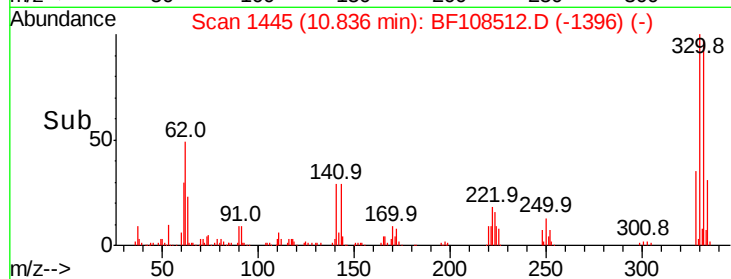
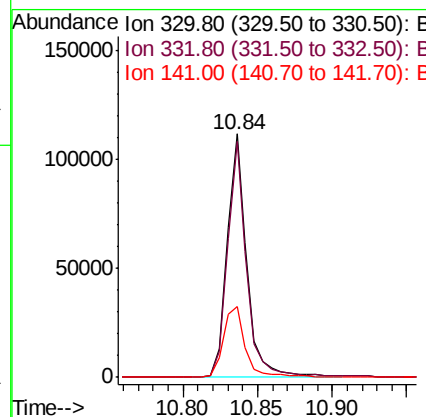
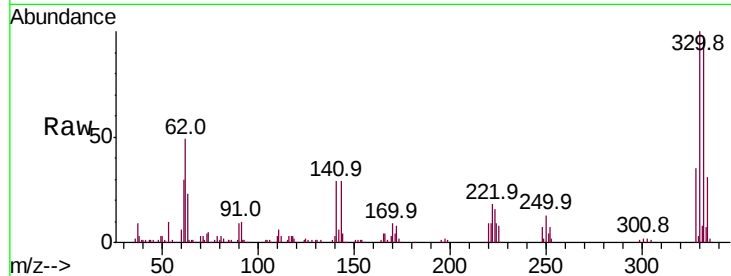
#41
 2,4,6-Tribromophenol
 Concen: 45.463 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108512.D
 Acq: 27 Aug 2018 16:01

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q4-D6

Tot Ion	Ratio	Resp	Lower	Upper
330	100	104017		
332	96.1	77.0	115.6	
141	32.7	29.9	44.9	

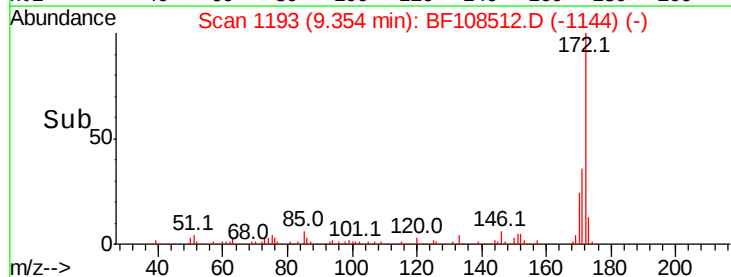
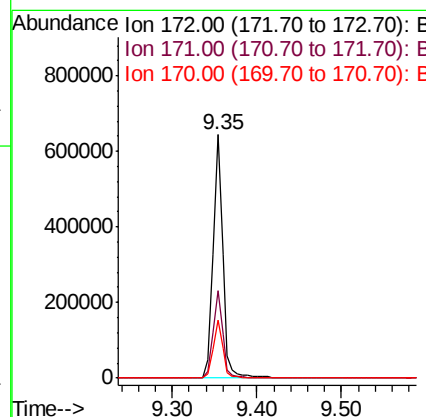
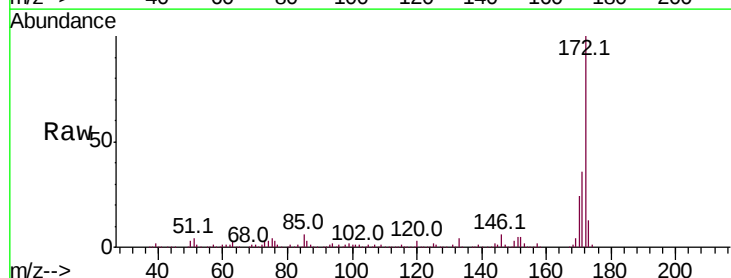
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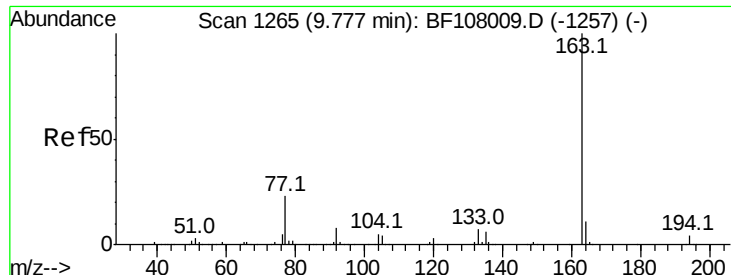
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#44
 2-Fluorobiphenyl
 Concen: 37.052 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108512.D
 Acq: 27 Aug 2018 16:01

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	529362		
171	36.0	29.7	44.5	
170	23.7	19.6	29.4	





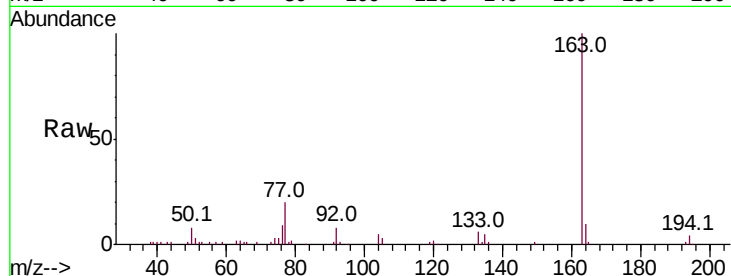
#49
Dimethylphthalate
Concen: 4.414 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF108512.D
Acq: 27 Aug 2018 16:01

Instrument :
BNA_F
ClientSampled :
EP1-Q4-D6

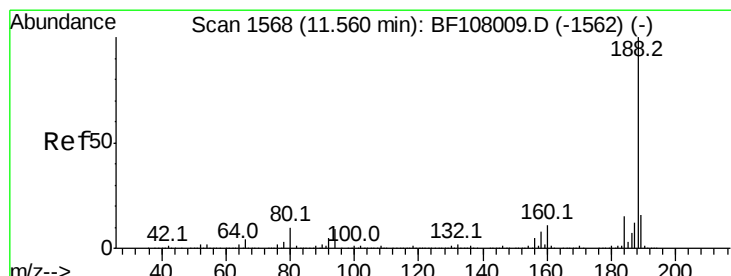
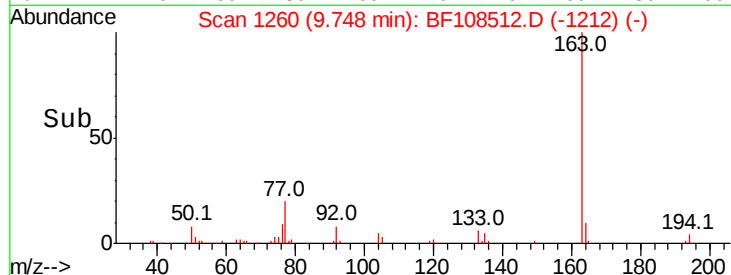
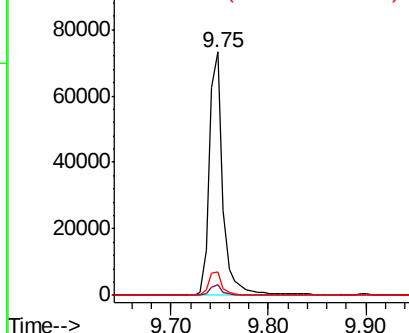
Tot Ion	Ratio	Resp	Lower	Upper
163	100	70525		
194	4.3		2.7	4.1#
164	9.7		8.2	12.2

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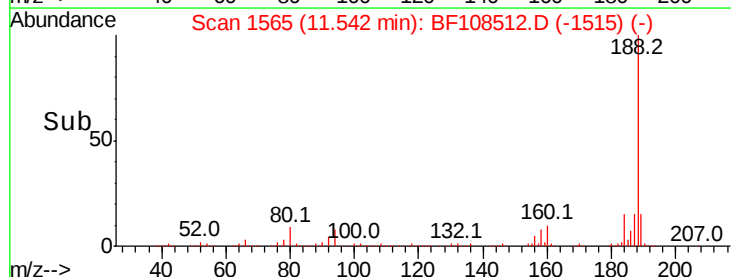
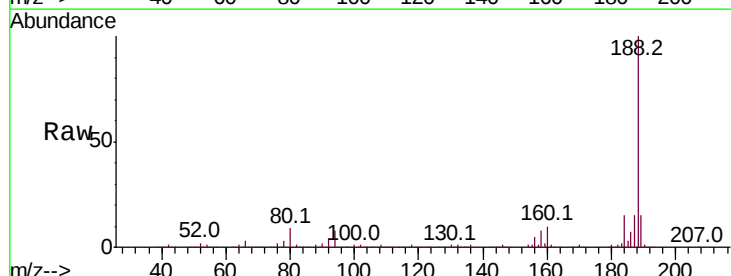
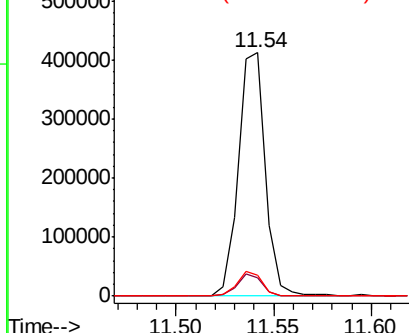
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

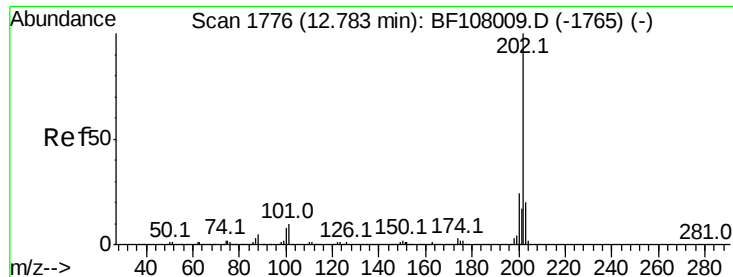


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108512.D
Acq: 27 Aug 2018 16:01

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	394201		
94	7.6		8.5	12.7#
80	8.6		9.2	13.8#

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





#74

Fluoranthene

Concen: 2.932 ng

RT: 12.76 min Scan# 1772

Delta R.T. -0.01 min

Lab File: BF108512.D

Acq: 27 Aug 2018 16:01

Instrument :

BNA_F

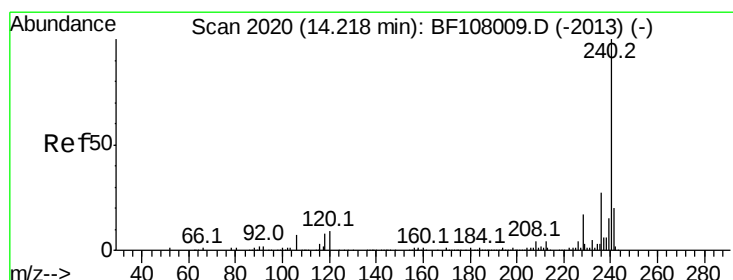
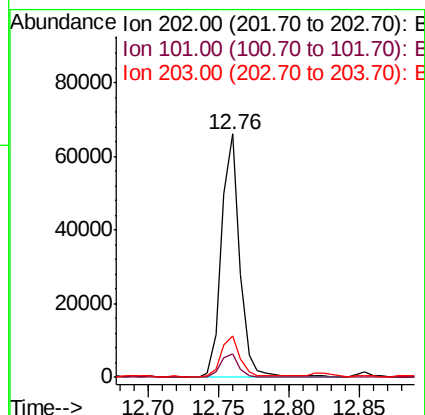
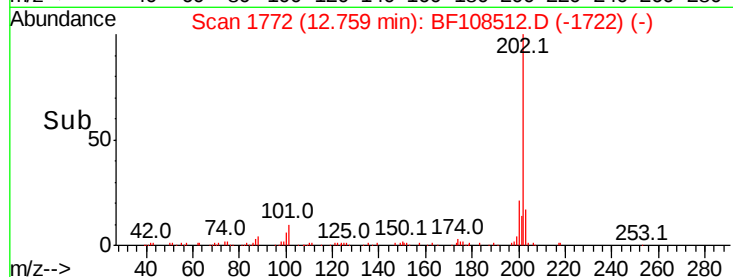
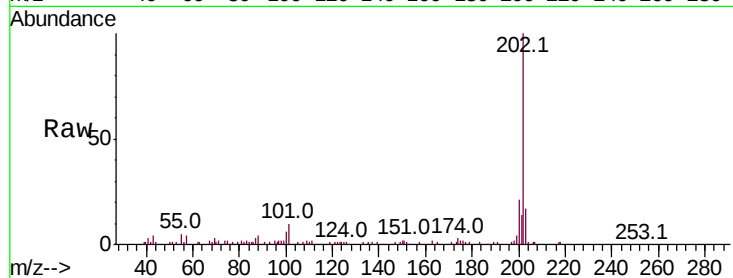
ClientSampleId :

EP1-Q4-D6

Tot Ion:	202	Resp:	59492
Ion Ratio	Lower	Upper	
202	100		
101	9.9	0.0	34.1
203	17.0	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

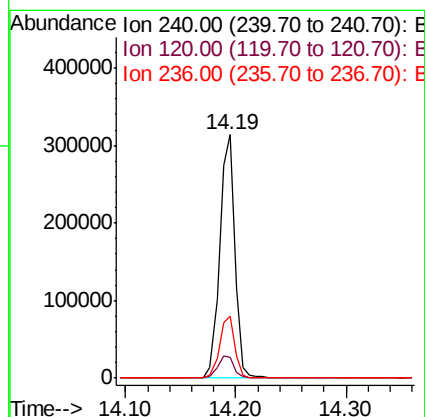
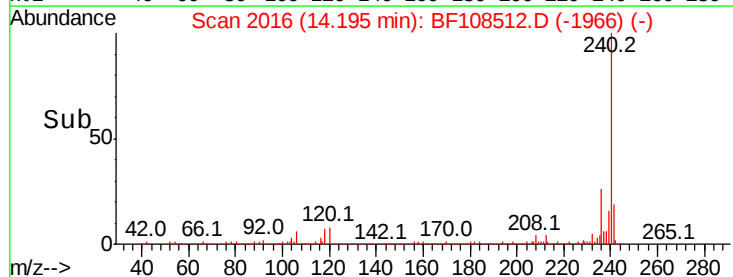
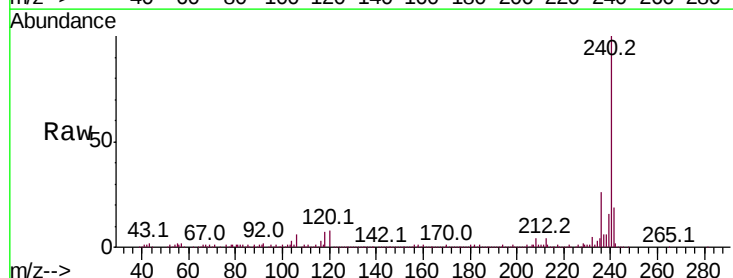
RT: 14.19 min Scan# 2016

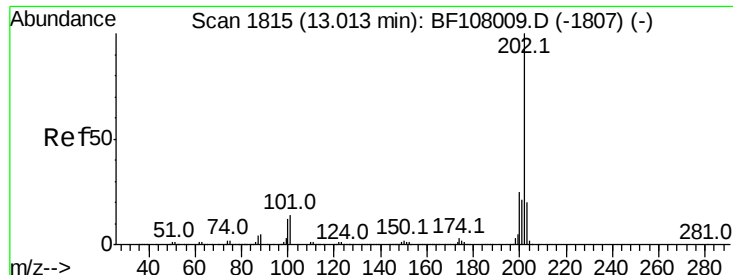
Delta R.T. -0.01 min

Lab File: BF108512.D

Acq: 27 Aug 2018 16:01

Tgt Ion:	240	Resp:	299566
Ion Ratio	Lower	Upper	
240	100		
120	8.4	9.5	14.3#
236	25.7	20.7	31.1





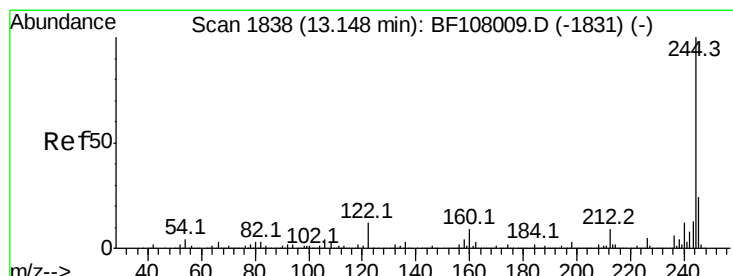
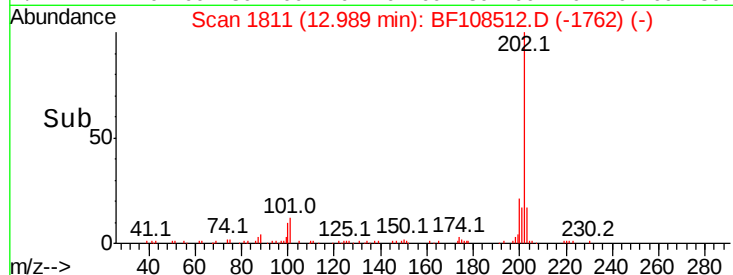
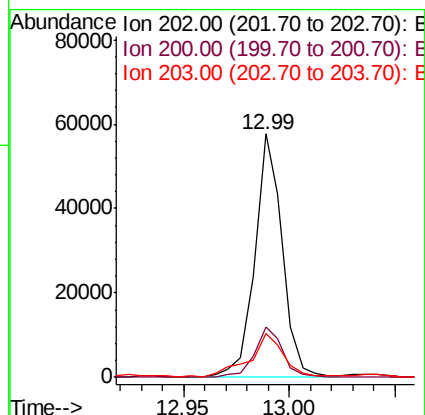
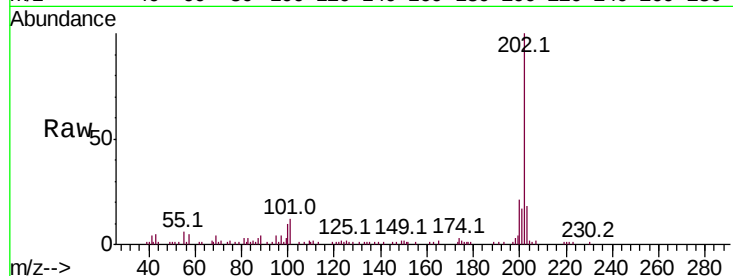
#77
Pvrene
Concen: 2.760 ng
RT: 12.99 min Scan# 1811
Delta R.T. -0.01 min
Lab File: BF108512.D
Acq: 27 Aug 2018 16:01

Instrument :
BNA_F
ClientSampleId :
EP1-Q4-D6

Tot Ion:202	Resp:	52346
Ion Ratio	Lower	Upper
202 100		
200 20.6	17.4	26.2
203 17.8	14.3	21.5

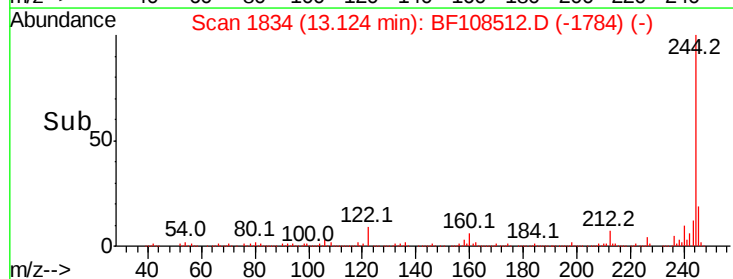
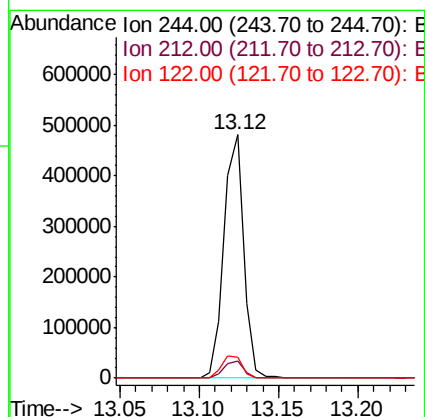
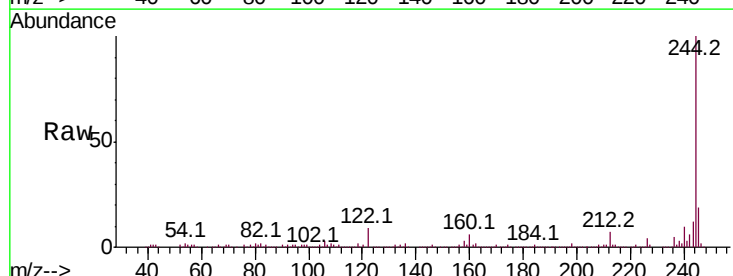
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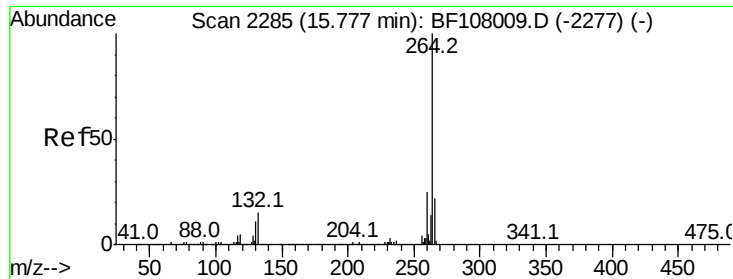
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#78
Terphenyl-d14
Concen: 35.334 ng
RT: 13.12 min Scan# 1834
Delta R.T. -0.01 min
Lab File: BF108512.D
Acq: 27 Aug 2018 16:01

Tgt Ion:244	Resp:	416302
Ion Ratio	Lower	Upper
244 100		
212 6.9	5.4	8.0
122 8.6	11.0	16.4#





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.75 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BF108512.D

Acq: 27 Aug 2018 16:01

Instrument :

BNA_F

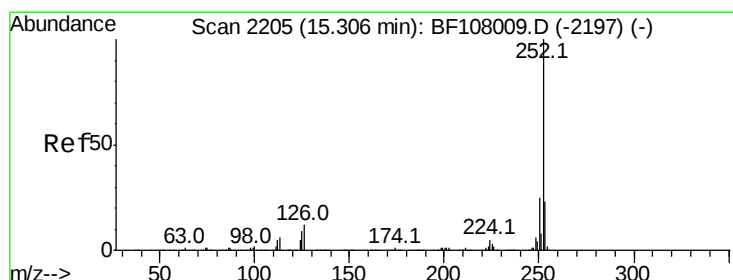
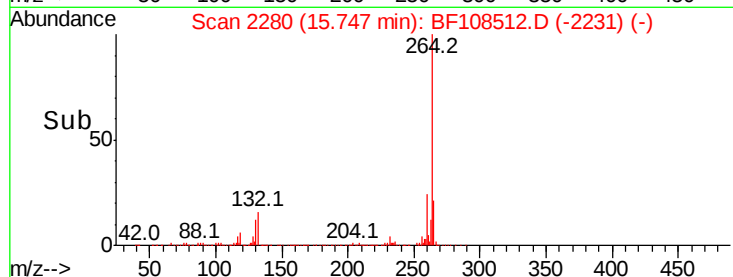
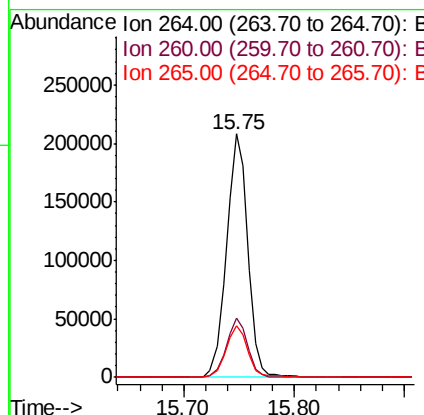
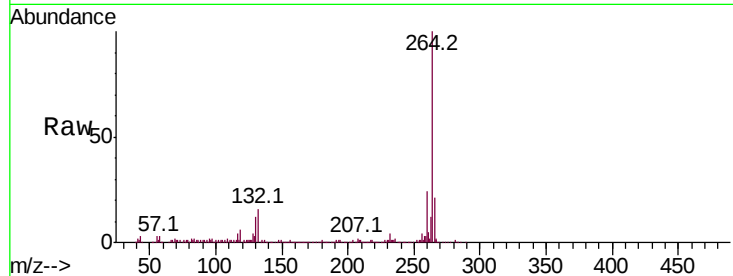
ClientSampled :

EP1-Q4-D6

Tot Ion:	264	Resp:	280809
Ion Ratio	Lower	Upper	
264	100		
260	24.5	19.2	28.8
265	21.3	17.5	26.3

Manual Integrations
APPROVED

Sohil
8/27/2018 5:09:56 PM



#87

Benzo(b)fluoranthene

Concen: 2.103 ng m

RT: 15.28 min Scan# 2200

Delta R.T. -0.01 min

Lab File: BF108512.D

Acq: 27 Aug 2018 16:01

Tgt Ion:	252	Resp:	35284
Ion Ratio	Lower	Upper	
252	100		
253	23.8	17.0	25.6
125	12.3	9.0	13.6

