

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
 Data File : BF108510.D
 Acq On : 27 Aug 2018 15:08
 Operator : JU/SJ
 Sample : J4646-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q4-C6

Manual Integrations
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Sohil
 8/27/2018 5:09:54 PM

Quant Time: Aug 27 16:18:17 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	135246	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	519263	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	253900	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	443251	20.00	ng	-0.01
75) Chrysene-d12	14.20	240	305170	20.00	ng	0.00
86) Perylene-d12	15.75	264	291342	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	693887	92.89	ng	0.00
7) Phenol-d6	6.62	99	943483	95.04	ng	0.00
23) Nitrobenzene-d5	7.56	82	627214	67.40	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	251870	99.45	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	1187262	75.07	ng	-0.01
78) Terphenyl-d14	13.12	244	918859	76.56	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.75	163	147458	8.337	ng	Qvalue # 99
70) Phenanthrene	11.56	178	47719	2.282	ng	98
74) Fluoranthene	12.76	202	78580	3.444	ng	93
77) Pyrene	12.99	202	71602	3.706	ng	100
87) Benzo(b)fluoranthene	15.28	252	43967m	2.526	ng	

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

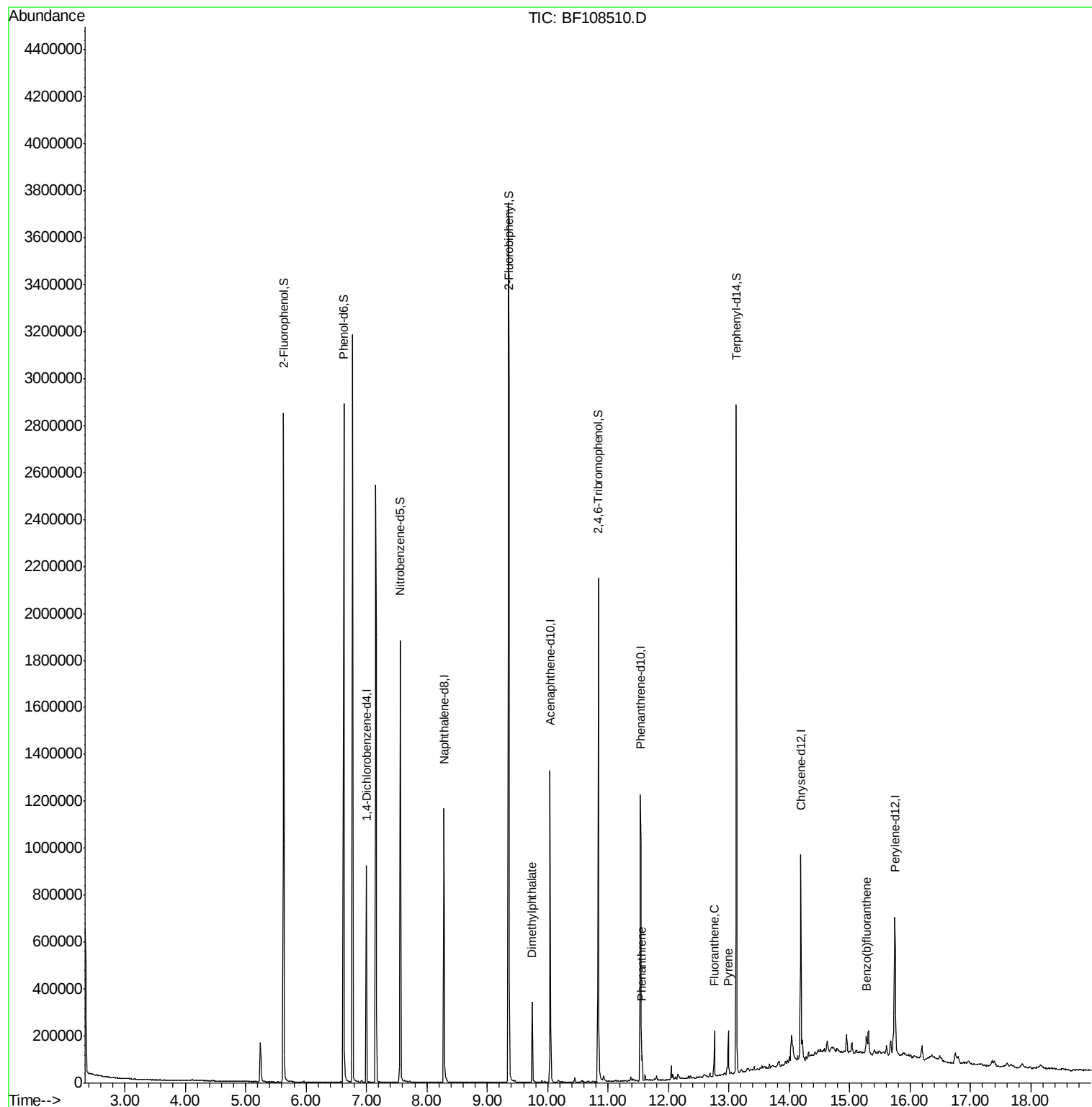
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
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#1

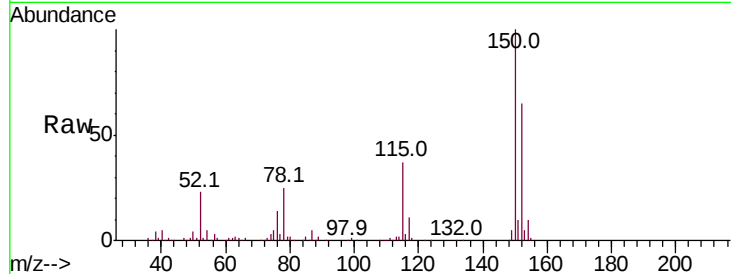
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108510.D
Acq: 27 Aug 2018 15:08

Instrument :
BNA_F
ClientSampleId :
EP1-Q4-C6

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.1	124.6	186.8
115	56.6	50.1	75.1

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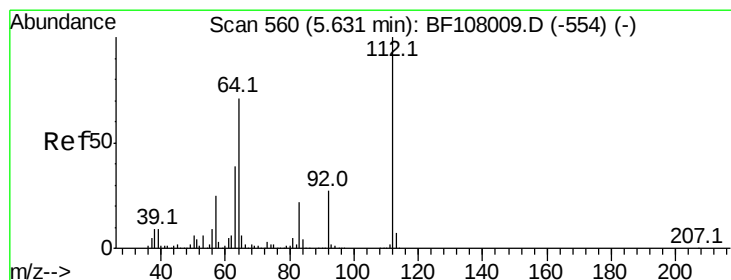
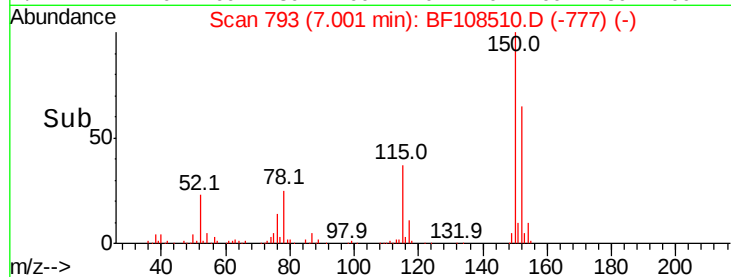
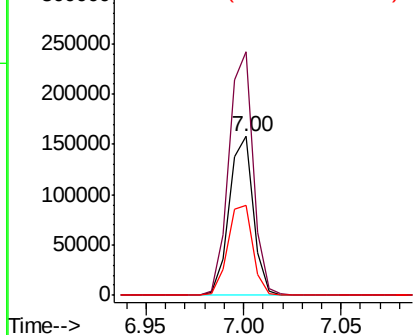


Abundance

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: 92.886 ng
RT: 5.63 min Scan# 560
Delta R.T. 0.00 min
Lab File: BF108510.D
Acq: 27 Aug 2018 15:08

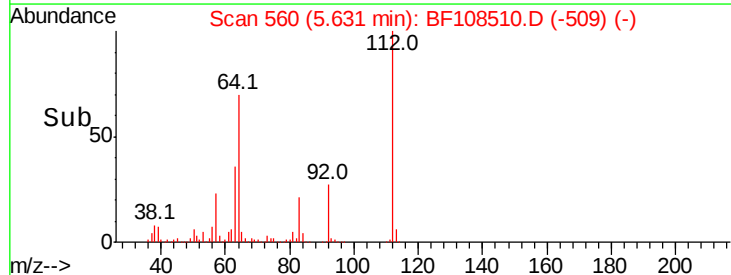
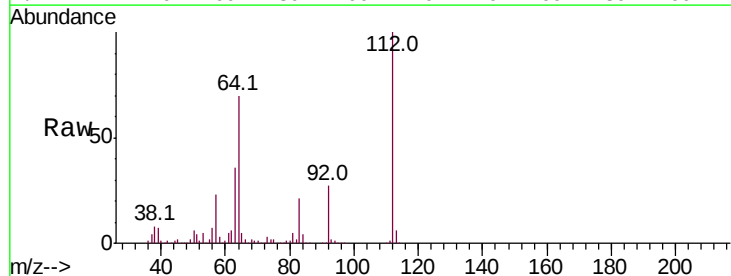
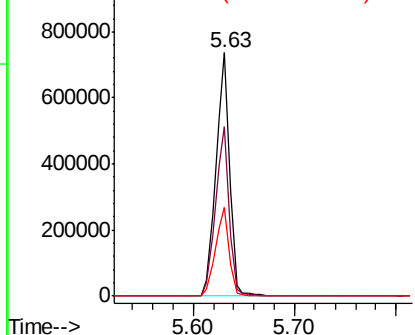
Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.5	47.9	71.9
63	36.2	23.7	35.5

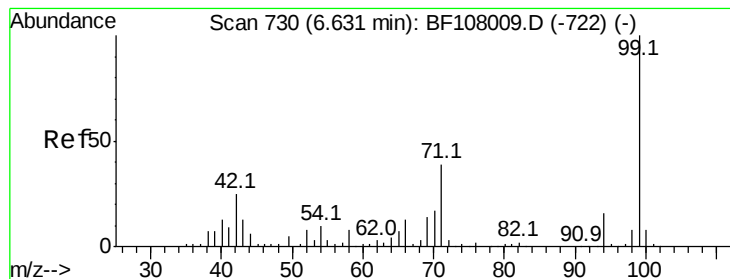
Abundance

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: 95.042 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108510.D

Acq: 27 Aug 2018 15:08

Instrument :

BNA_F

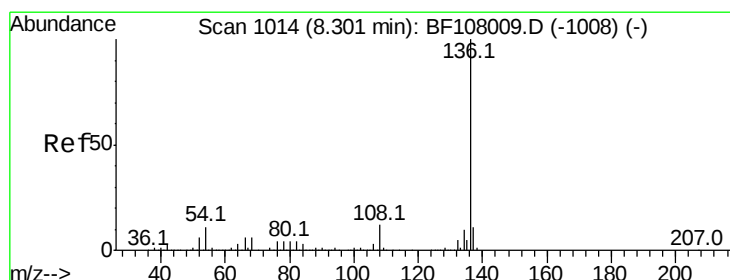
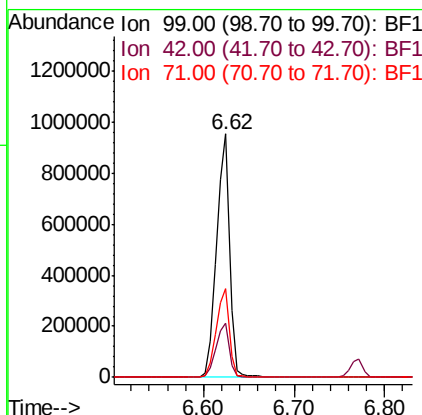
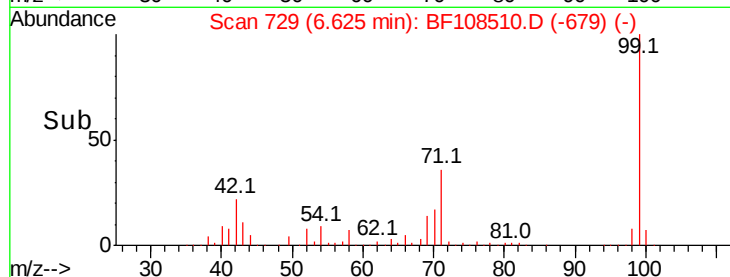
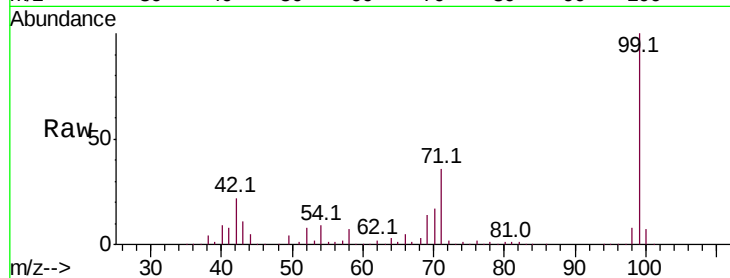
ClientSampleId :

EP1-Q4-C6

Tot Ion:	99	Resp:	943483
Ion Ratio	Lower	Upper	
99	100		
42	22.1	14.5	21.7#
71	36.2	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

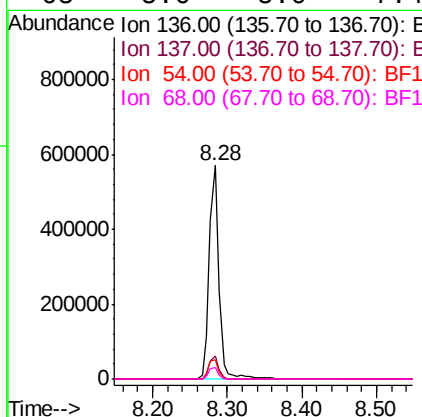
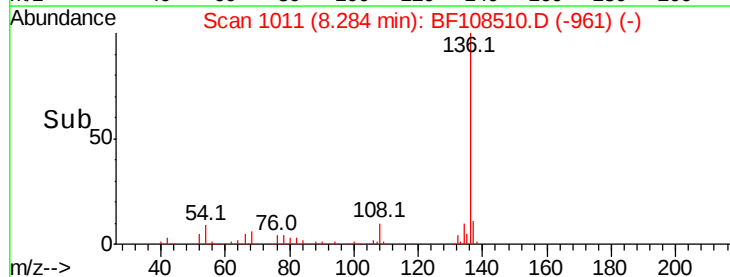
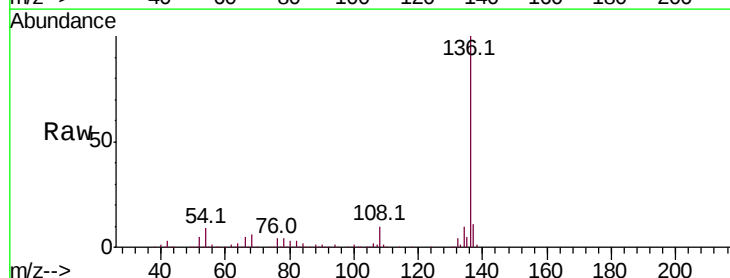
RT: 8.28 min Scan# 1011

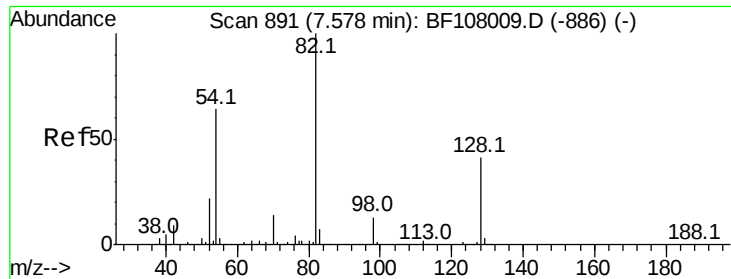
Delta R.T. -0.01 min

Lab File: BF108510.D

Acq: 27 Aug 2018 15:08

Tgt Ion:	136	Resp:	519263
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.9	13.3
54	9.2	6.6	9.8
68	5.6	5.0	7.4





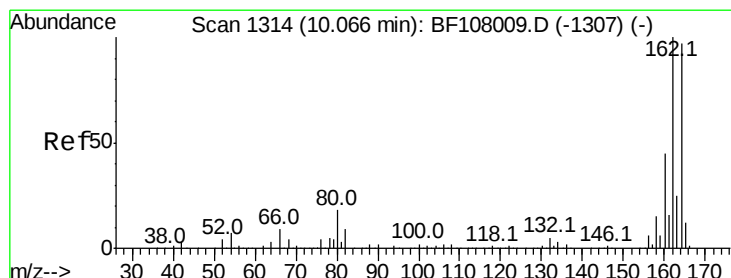
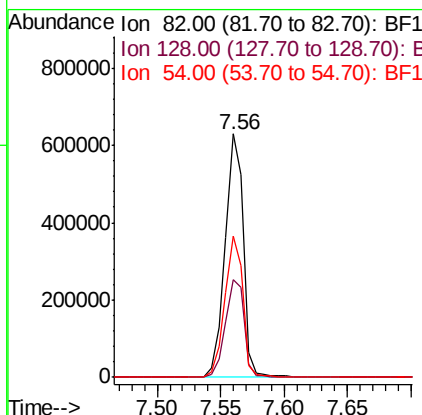
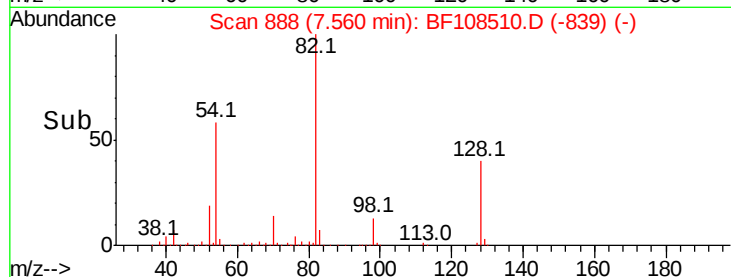
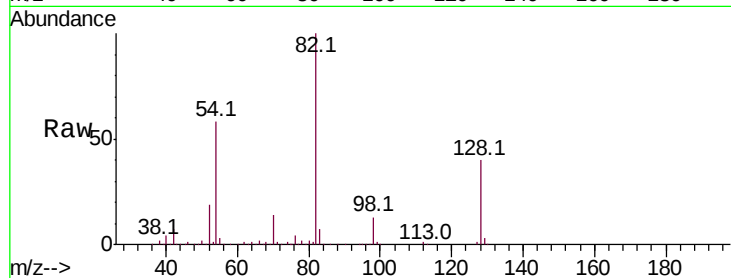
#23
Nitrobenzene-d5
Concen: 67.402 ng
RT: 7.56 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF108510.D
Acq: 27 Aug 2018 15:08

Instrument :
BNA_F
ClientSampleId :
EP1-Q4-C6

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.1	36.1	54.1
54	58.2	41.4	62.2

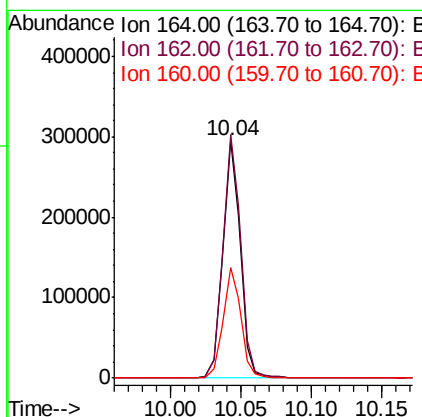
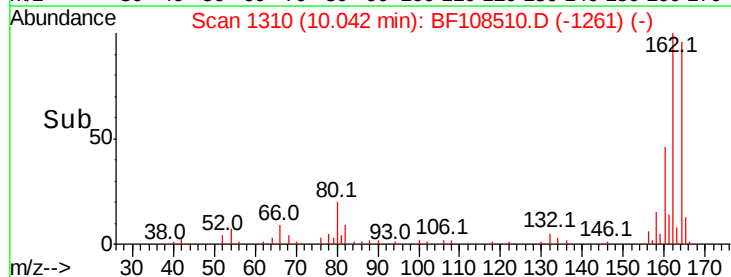
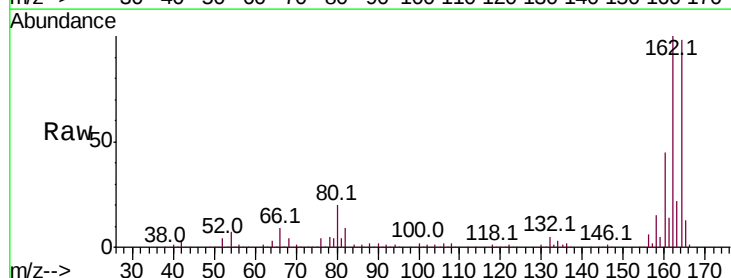
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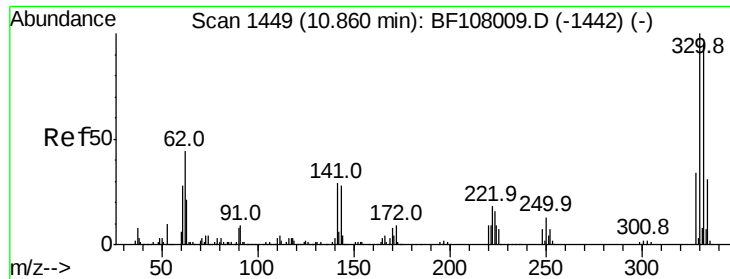
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF108510.D
Acq: 27 Aug 2018 15:08

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.4	86.1	129.1
160	46.5	38.3	57.5





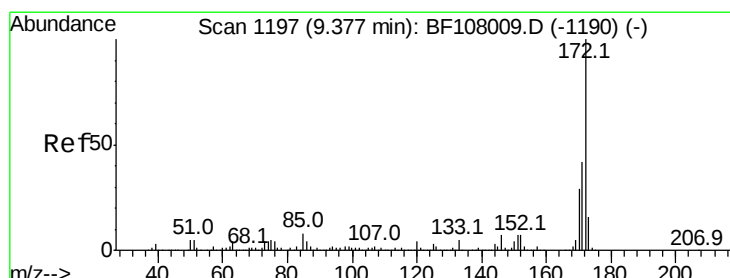
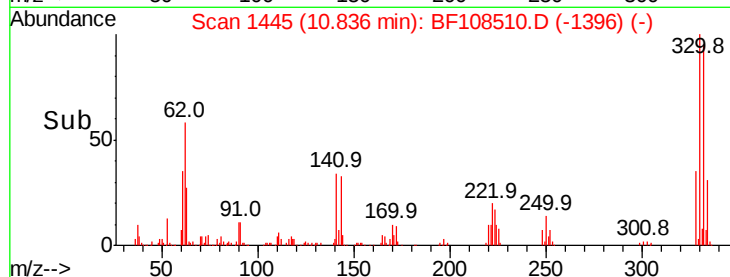
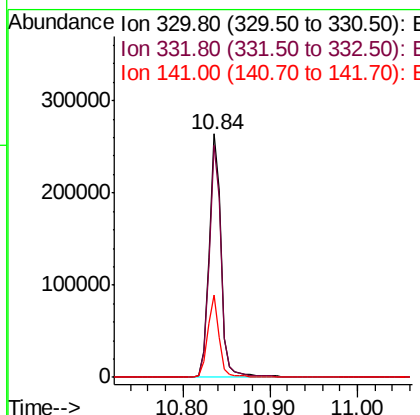
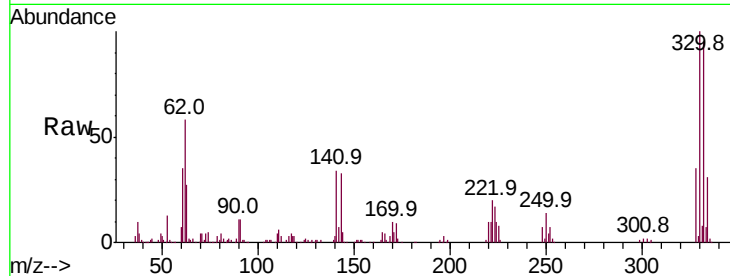
#41
 2,4,6-Tribromophenol
 Concen: 99.452 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108510.D
 Acq: 27 Aug 2018 15:08

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q4-C6

Tot Ion	Ratio	Resp	Lower	Upper
330	100	251870		
332	95.9	77.0	115.6	
141	32.5	29.9	44.9	

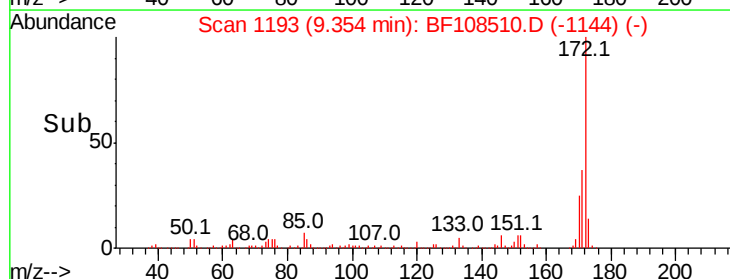
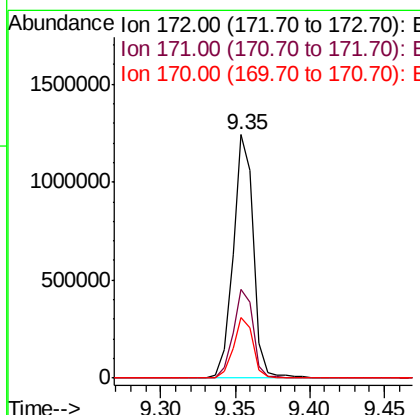
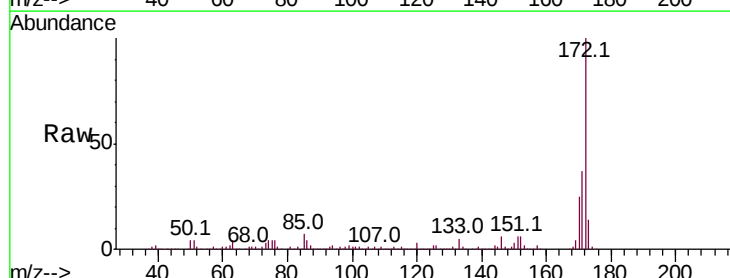
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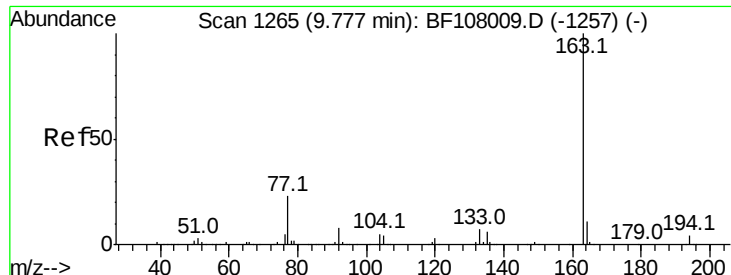
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#44
 2-Fluorobiphenyl
 Concen: 75.073 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108510.D
 Acq: 27 Aug 2018 15:08

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1187262		
171	36.6	29.7	44.5	
170	24.7	19.6	29.4	





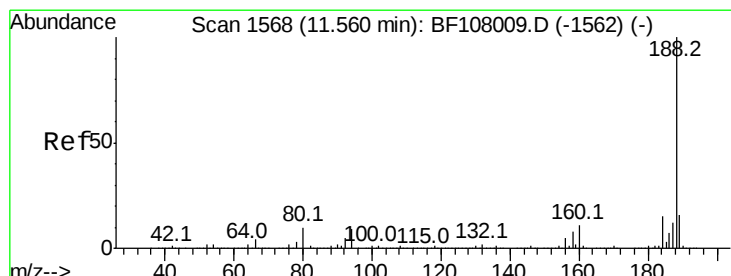
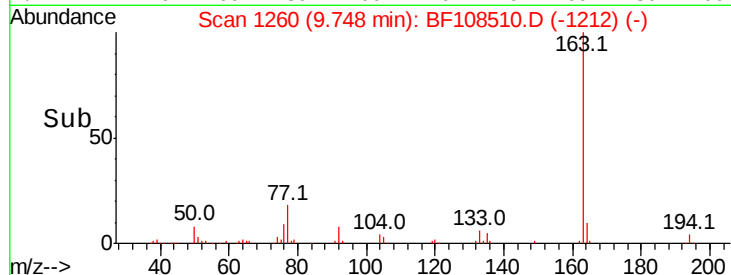
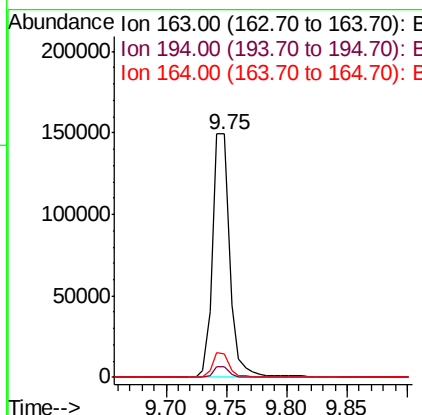
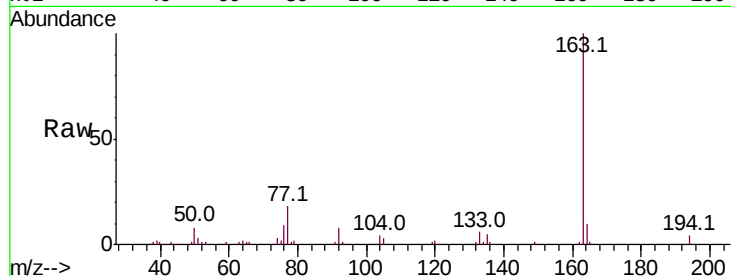
#49
 Dimethylphthalate
 Concen: 8.337 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.02 min
 Lab File: BF108510.D
 Acq: 27 Aug 2018 15:08

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q4-C6

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.3	2.7	4.1#	
164	9.8	8.2	12.2	

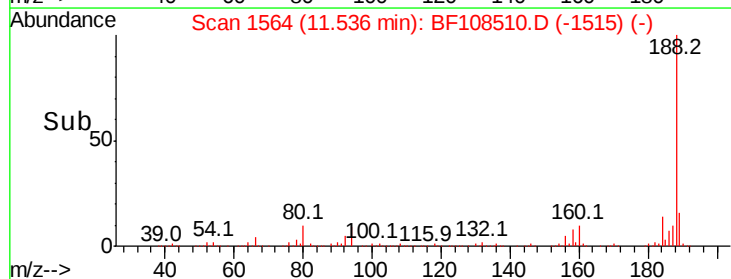
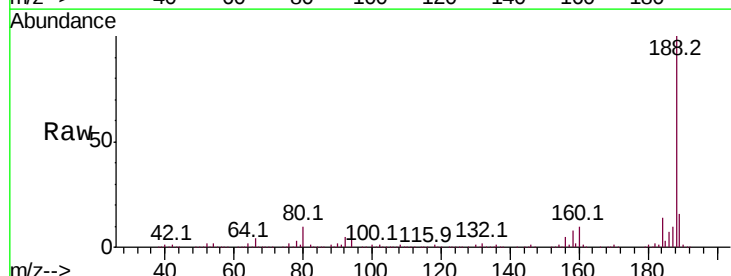
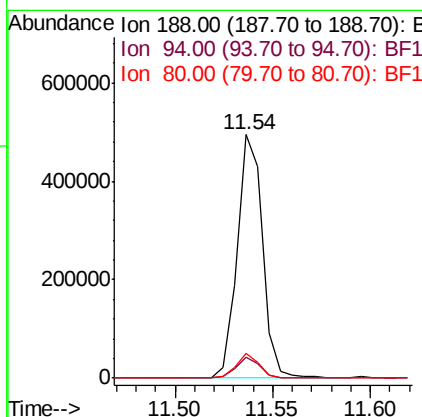
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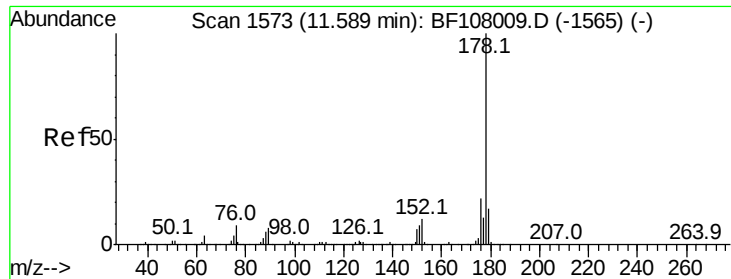
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#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.54 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF108510.D
 Acq: 27 Aug 2018 15:08

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	8.7	8.5	12.7	
80	9.9	9.2	13.8	





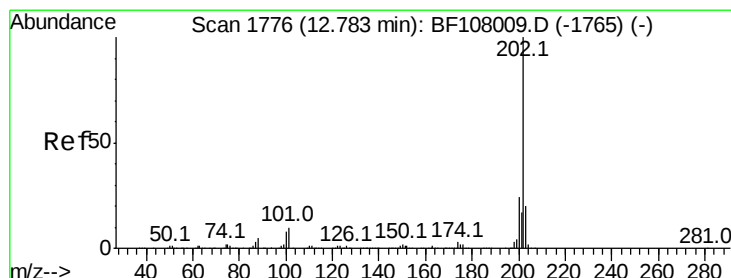
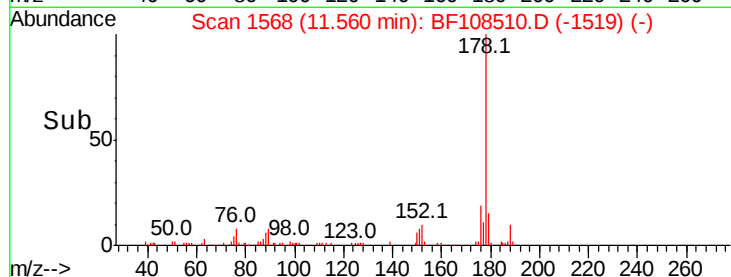
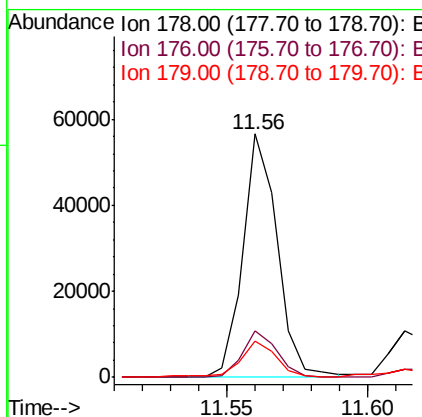
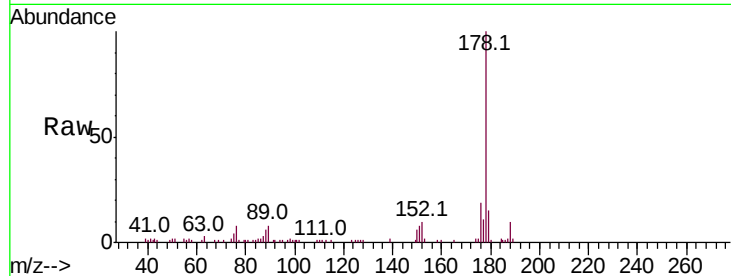
#70
 Phenanthrene
 Concen: 2.282 ng
 RT: 11.56 min Scan# 1568
 Delta R.T. -0.01 min
 Lab File: BF108510.D
 Acq: 27 Aug 2018 15:08

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q4-C6

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	14.7	13.0	19.6

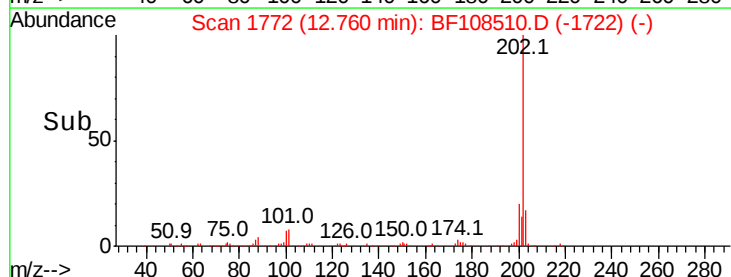
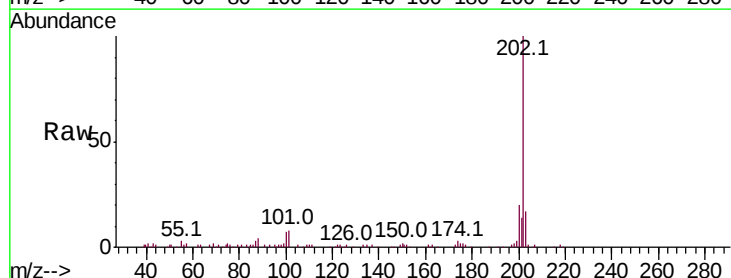
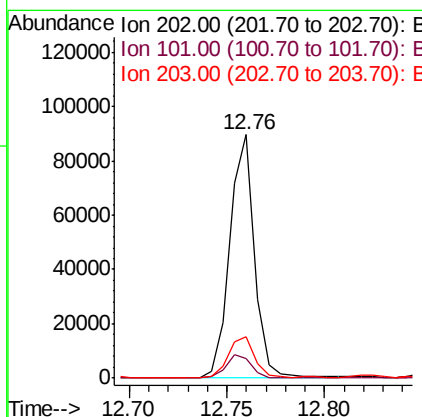
Manual Integrations
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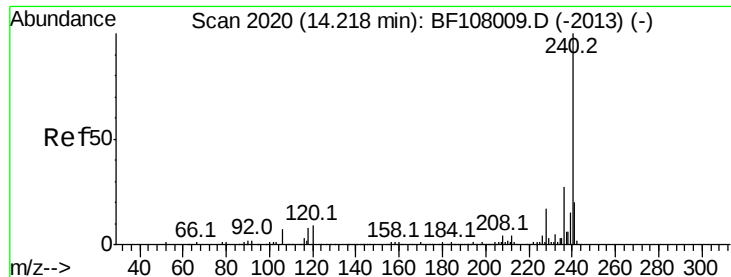
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#74
 Fluoranthene
 Concen: 3.444 ng
 RT: 12.76 min Scan# 1772
 Delta R.T. -0.01 min
 Lab File: BF108510.D
 Acq: 27 Aug 2018 15:08

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.2	0.0	34.1
203	17.2	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.20 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF108510.D

Acq: 27 Aug 2018 15:08

Instrument :

BNA_F

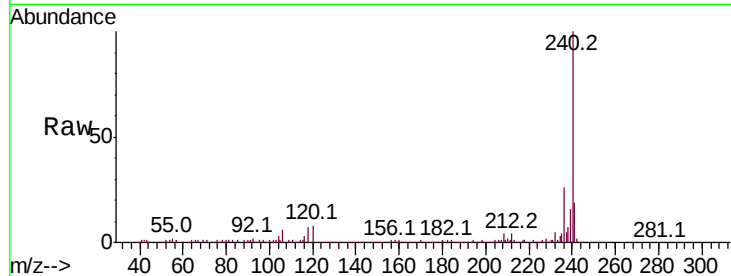
ClientSampleId :

EP1-Q4-C6

Tot Ion	Ratio	Resp	Lower	Upper
240	100	305170		
120	7.8	9.5	14.3#	
236	25.6	20.7	31.1	

Manual Integrations
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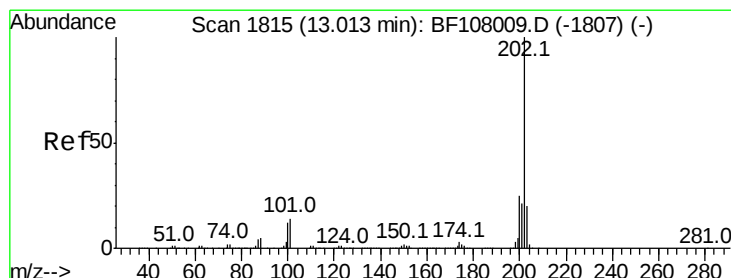
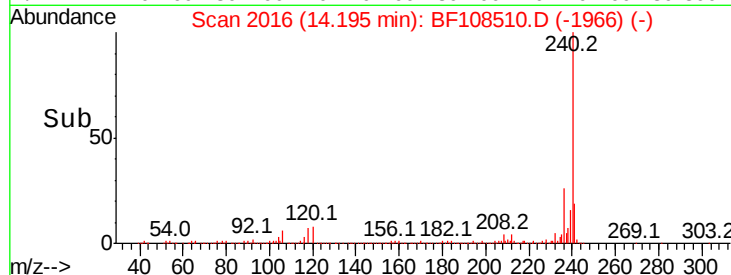
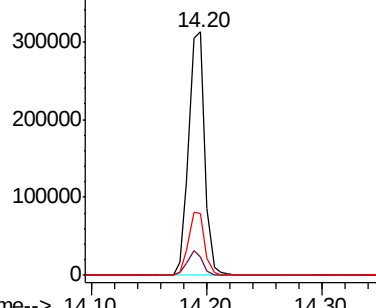


Abundance

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



#77

Pyrene

Concen: 3.706 ng

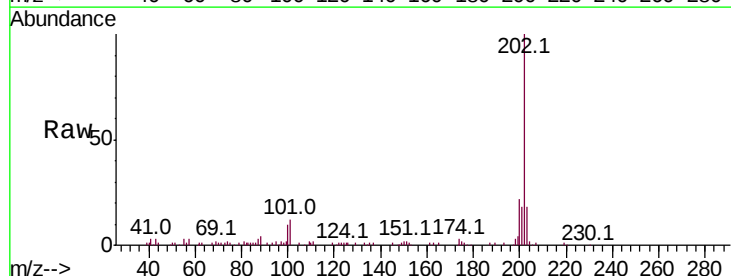
RT: 12.99 min Scan# 1811

Delta R.T. -0.01 min

Lab File: BF108510.D

Acq: 27 Aug 2018 15:08

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	71602		
200	21.7	17.4	26.2	
203	17.6	14.3	21.5	

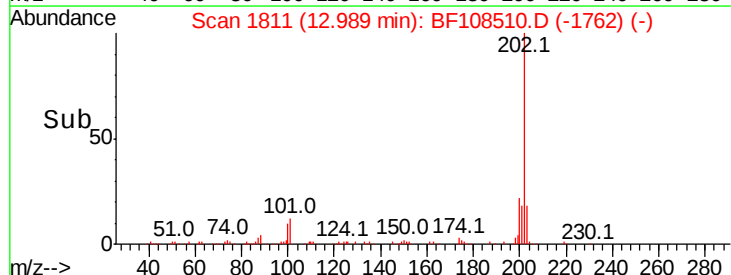
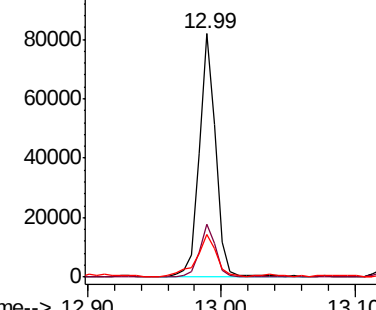


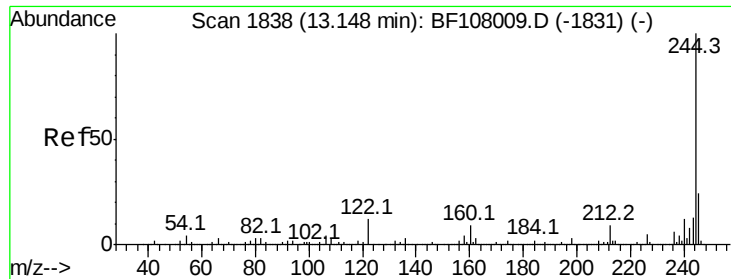
Abundance

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





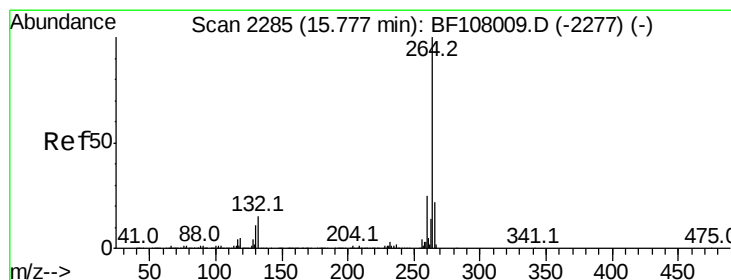
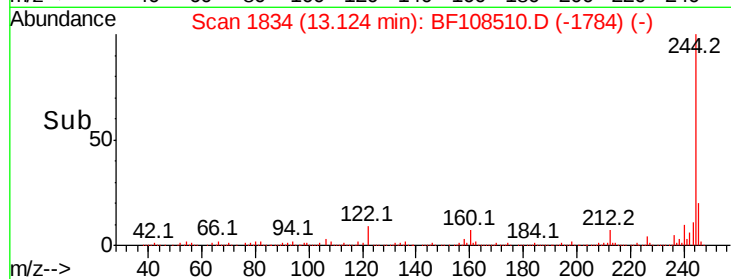
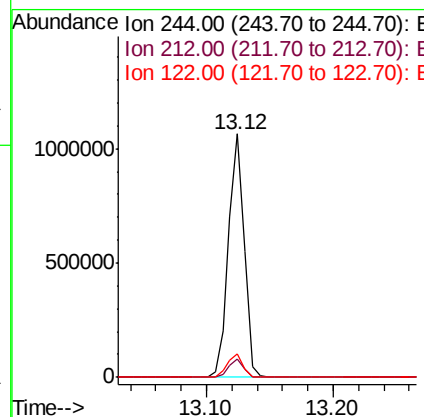
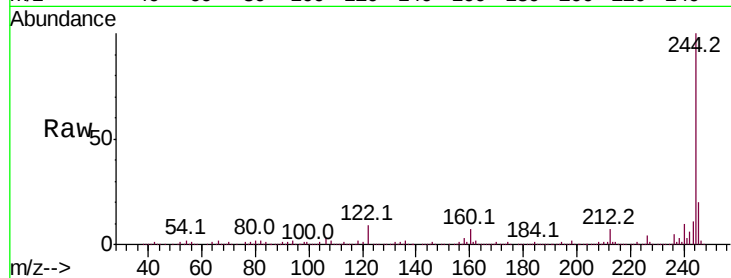
#78
 Terphenyl-d14
 Concen: 76.556 ng
 RT: 13.12 min Scan# 1834
 Delta R.T. -0.01 min
 Lab File: BF108510.D
 Acq: 27 Aug 2018 15:08

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q4-C6

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	9.4	11.0	16.4

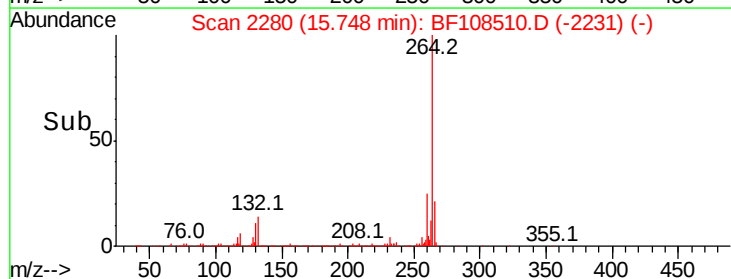
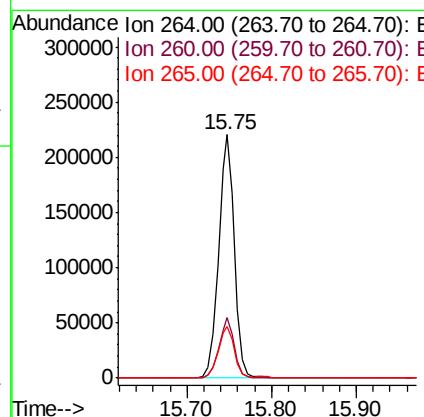
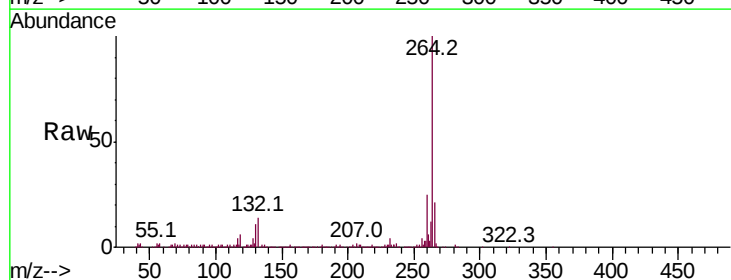
Manual Integrations
 APPROVED

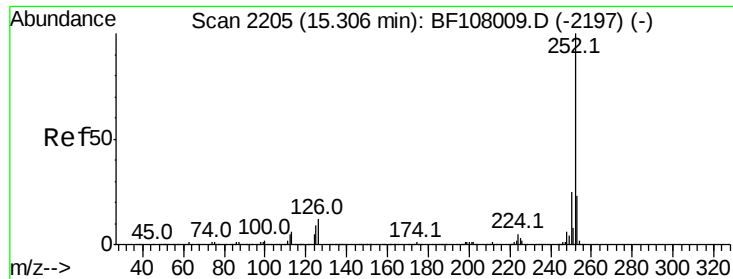
Sohil
 8/27/2018 5:09:54 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.75 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BF108510.D
 Acq: 27 Aug 2018 15:08

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.2	28.8
265	21.2	17.5	26.3





#87
 Benzo(b)fluoranthene
 Concen: 2.526 ng m
 RT: 15.28 min Scan# 2200
 Delta R.T. -0.01 min
 Lab File: BF108510.D
 Acq: 27 Aug 2018 15:08

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q4-C6

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.3	17.0	25.6#
125	14.0	9.0	13.6#

Manual Integrations
 APPROVED

Sohil
 8/27/2018 5:09:54 PM

