

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082418\
 Data File : BF108473.D
 Acq On : 24 Aug 2018 19:47
 Operator : JU/SJ
 Sample : J4581-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q3-C1

Manual Integrations
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Sohil
 8/27/2018 12:56:42 PM

Quant Time: Aug 27 11:50:09 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	127982	20.00	ng	-0.01
21) Naphthalene-d8	8.28	136	492325	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	251094	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	474332	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	261259	20.00	ng	-0.01
86) Perylene-d12	15.74	264	268663	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	733495	103.76	ng	0.00
7) Phenol-d6	6.62	99	1022335	108.83	ng	0.00
23) Nitrobenzene-d5	7.56	82	669851	75.92	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	295793	118.10	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	1127540	72.09	ng	-0.01
78) Terphenyl-d14	13.12	244	1112779	108.30	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.74	163	135933	7.772	ng	99
74) Fluoranthene	12.75	202	64709	2.650	ng	95
77) Pyrene	12.99	202	59135	3.575	ng	98
87) Benzo(b)fluoranthene	15.28	252	33162m	2.066	ng	

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

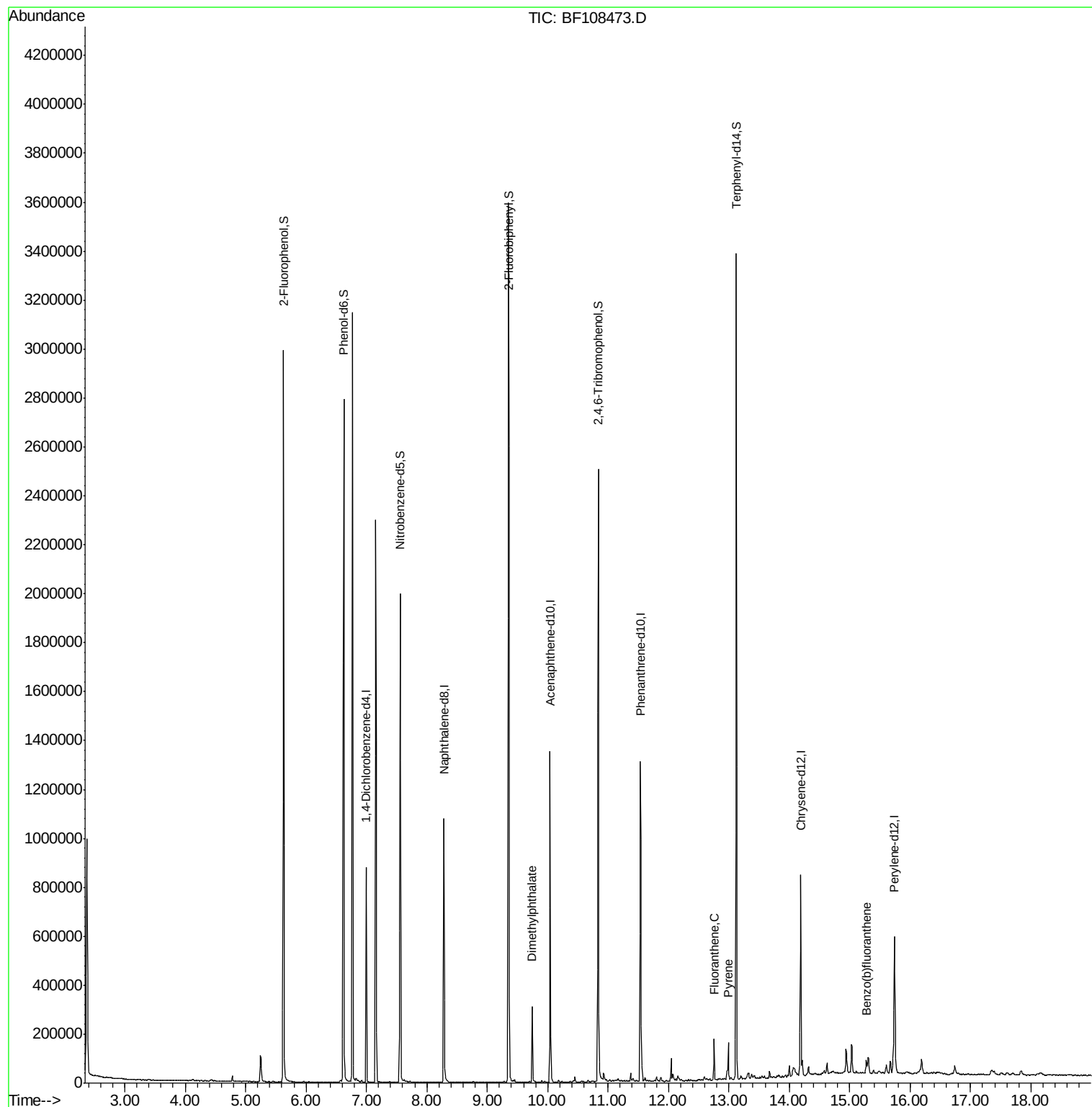
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082418\
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Misc :
ALS Vial : 14 Sample Multiplier: 1

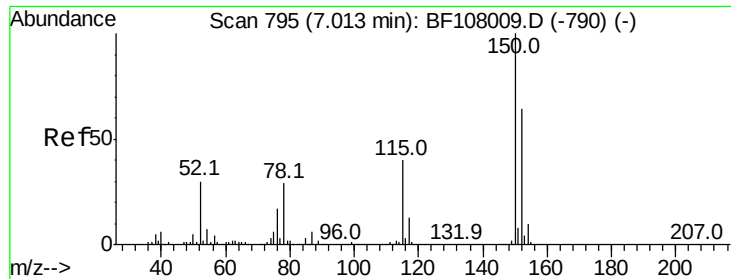
Instrument :
BNA_F
ClientSampleId :
EP1-Q3-C1

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#1

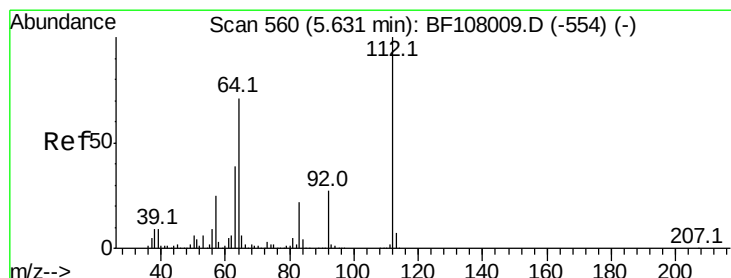
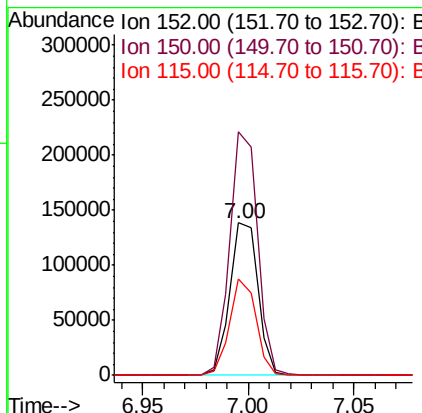
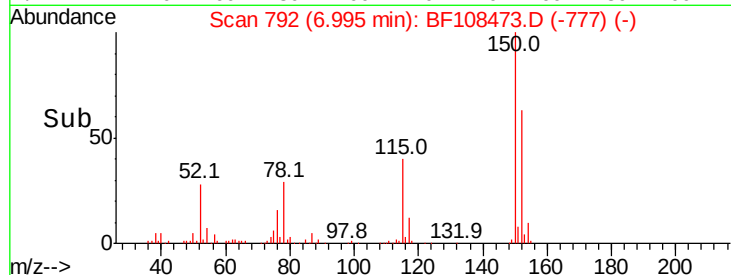
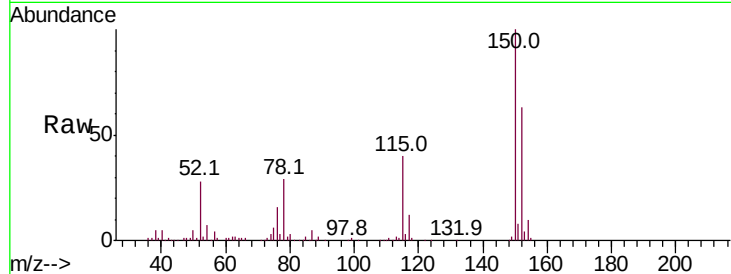
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF108473.D
Acq: 24 Aug 2018 19:47

Instrument :
BNA_F
ClientSampled :
EP1-Q3-C1

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.5	124.6	186.8
115	63.3	50.1	75.1

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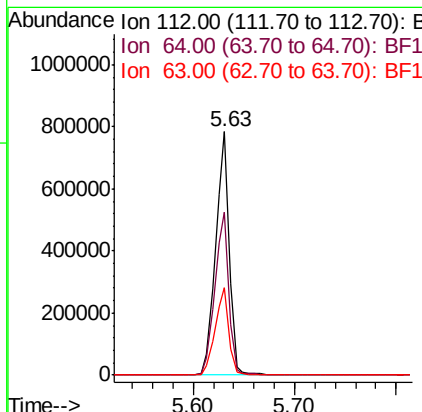
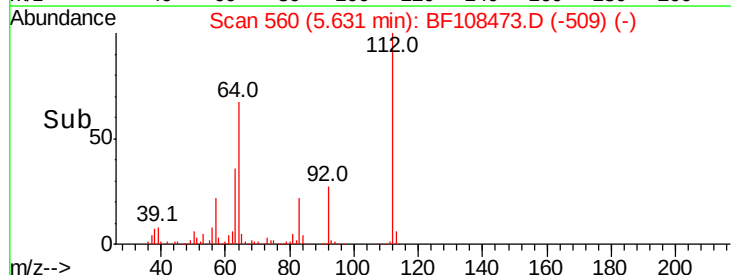
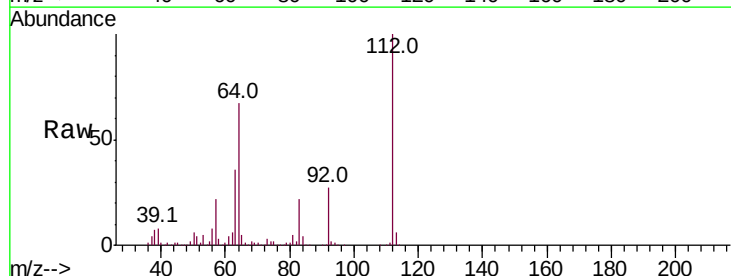
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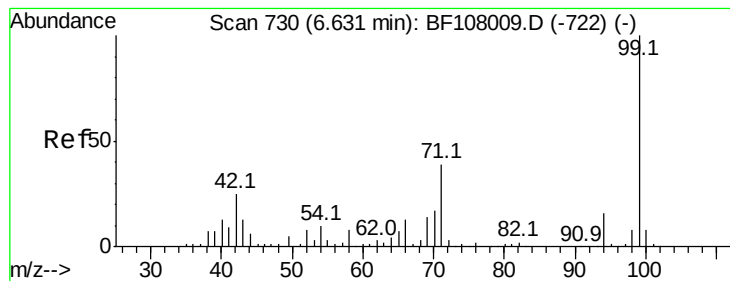


#5

2-Fluorophenol
Concen: 103.761 ng
RT: 5.63 min Scan# 560
Delta R.T. 0.00 min
Lab File: BF108473.D
Acq: 24 Aug 2018 19:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.0	47.9	71.9
63	35.7	23.7	35.5





#7

Phenol-d6

Concen: 108.831 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108473.D

Acq: 24 Aug 2018 19:47

Instrument :

BNA_F

ClientSampleId :

EP1-Q3-C1

Tot Ion: 99 Resp: 1022335

Ion Ratio Lower Upper

99 100

42 22.0 14.5 21.7#

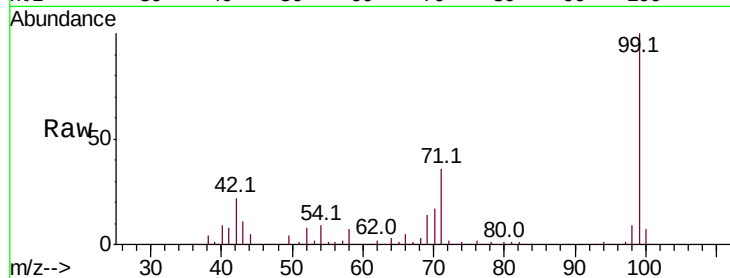
71 36.3 25.4 38.0

Manual Integrations

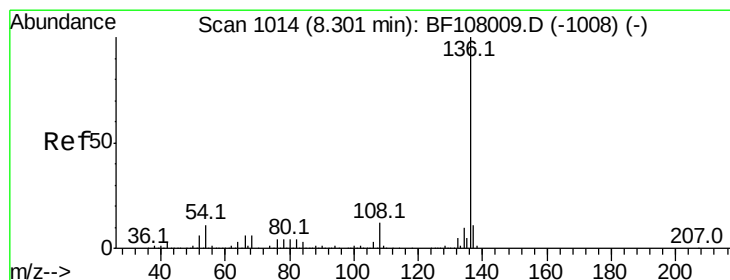
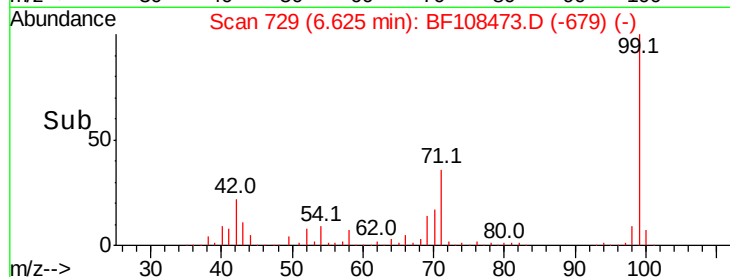
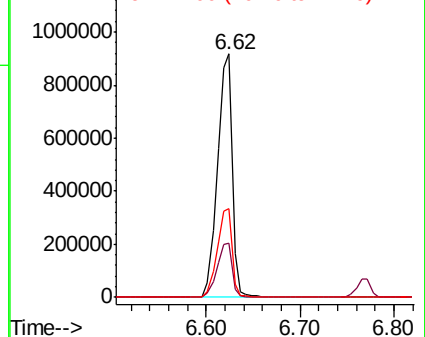
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.28 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF108473.D

Acq: 24 Aug 2018 19:47

Tgt Ion: 136 Resp: 492325

Ion Ratio Lower Upper

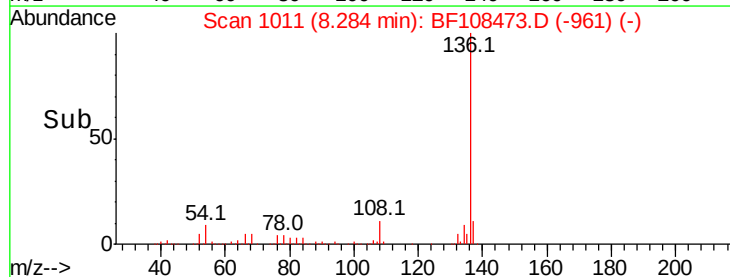
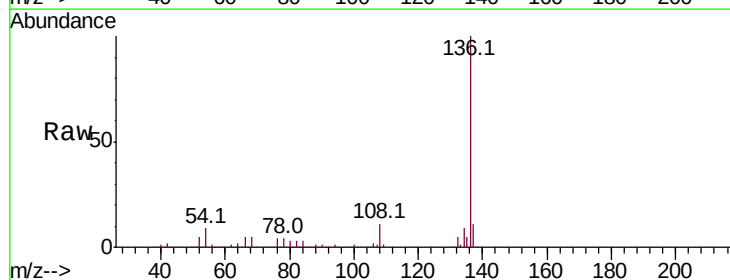
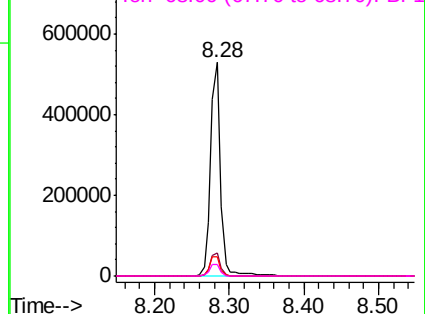
136 100

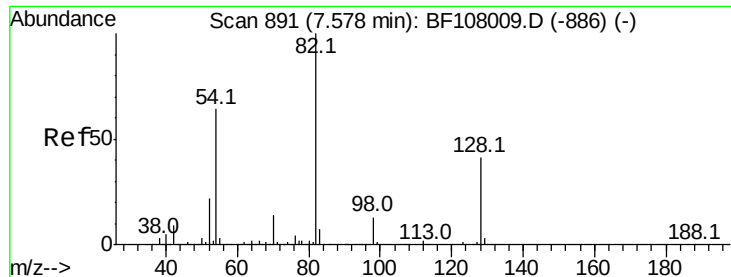
137 10.9 8.9 13.3

54 9.0 6.6 9.8

68 5.5 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





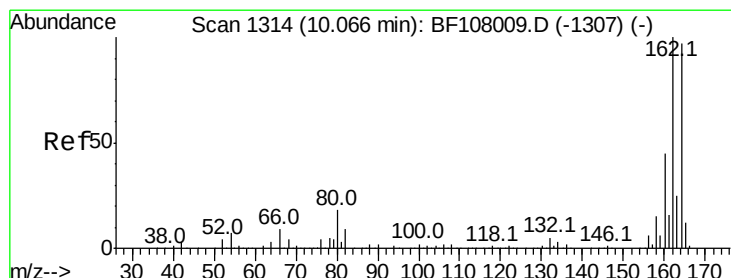
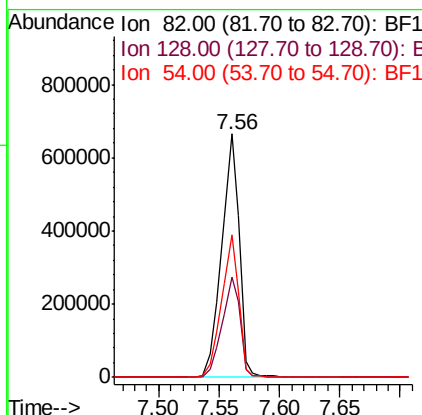
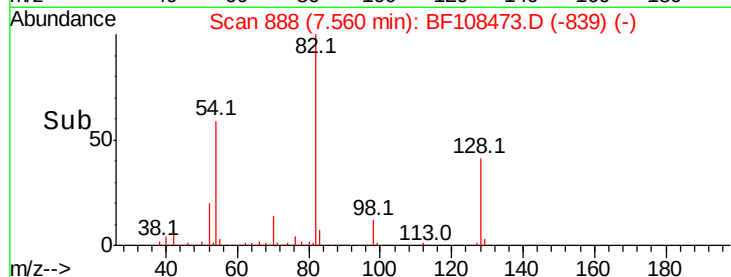
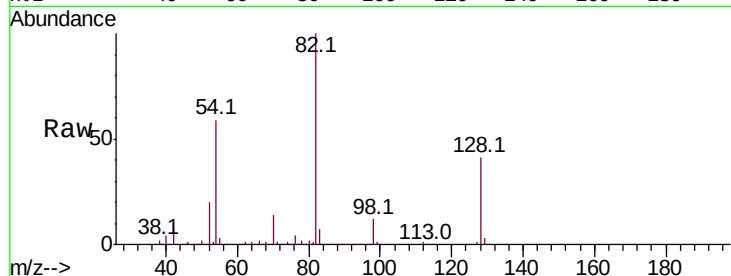
#23
 Nitrobenzene-d5
 Concen: 75.923 ng
 RT: 7.56 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF108473.D
 Acq: 24 Aug 2018 19:47

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q3-C1

Tot Ion	82	Resp	669851
Ion Ratio	100	Lower	Upper
82	100		
128	41.2	36.1	54.1
54	58.5	41.4	62.2

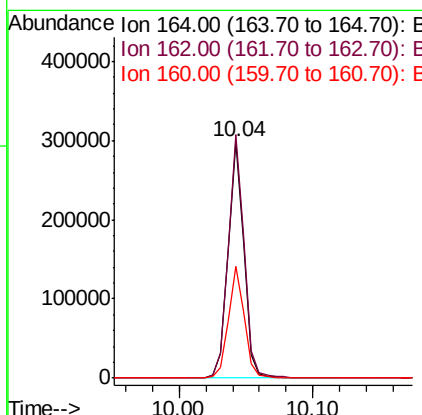
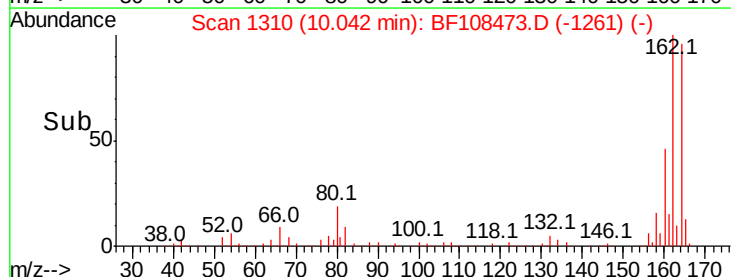
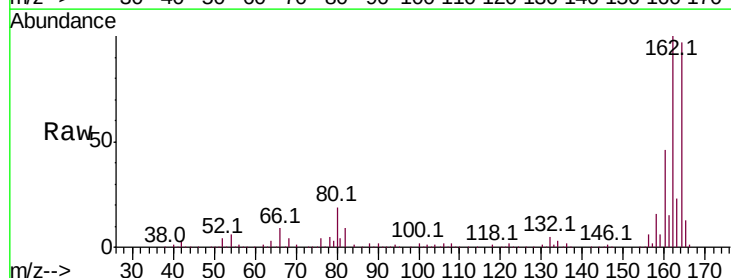
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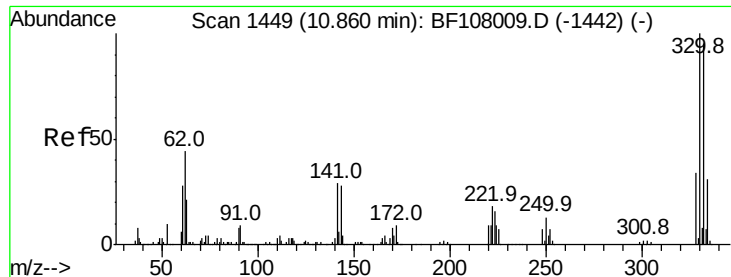
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF108473.D
 Acq: 24 Aug 2018 19:47

Tgt Ion	164	Resp	251094
Ion Ratio	100	Lower	Upper
164	100		
162	103.0	86.1	129.1
160	47.2	38.3	57.5





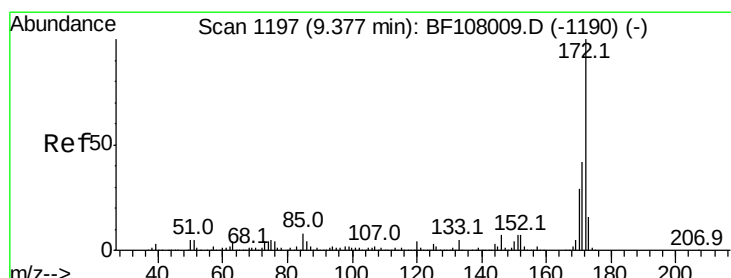
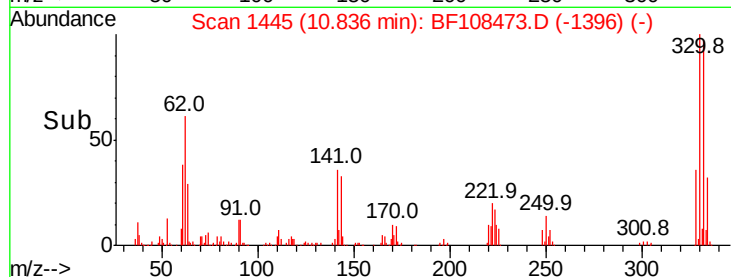
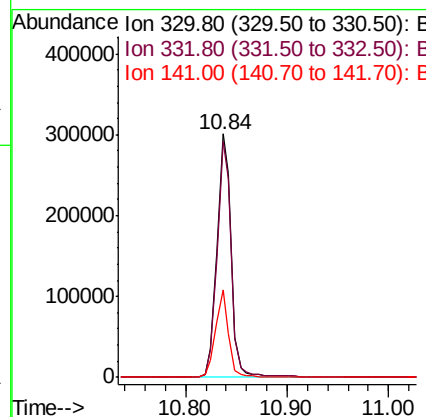
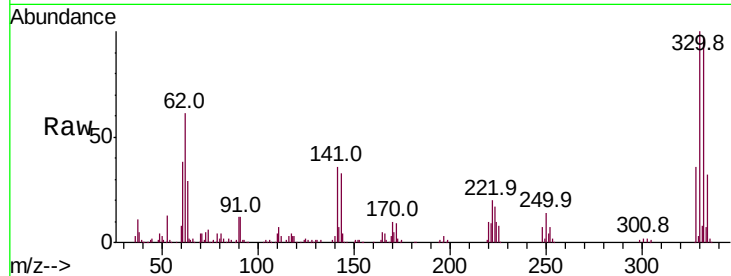
#41
 2,4,6-Tribromophenol
 Concen: 118.100 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108473.D
 Acq: 24 Aug 2018 19:47

Instrument :
 BNA_F
 ClientSampled :
 EP1-Q3-C1

Tot Ion:	330	Resp:	295793
Ion Ratio	Lower	Upper	
330	100		
332	97.0	77.0	115.6
141	32.8	29.9	44.9

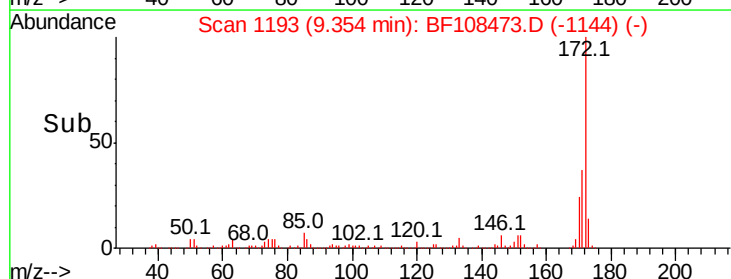
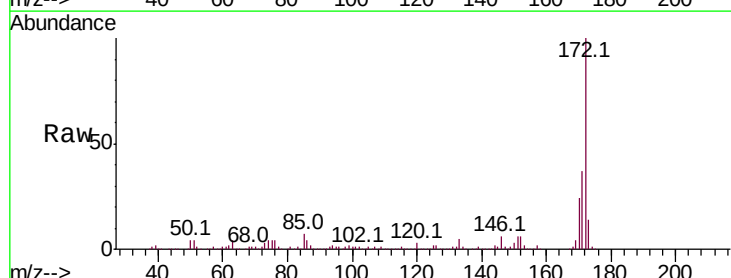
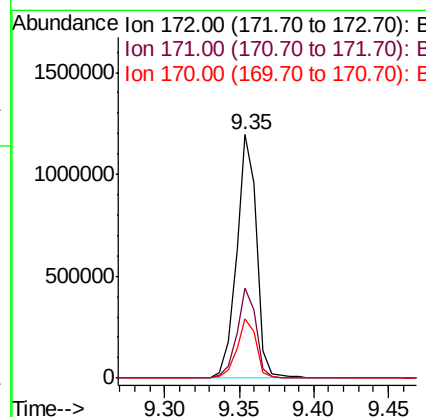
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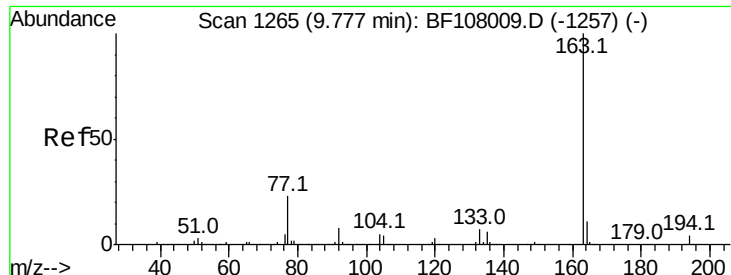
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#44
 2-Fluorobiphenyl
 Concen: 72.094 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108473.D
 Acq: 24 Aug 2018 19:47

Tgt Ion:	172	Resp:	1127540
Ion Ratio	Lower	Upper	
172	100		
171	36.9	29.7	44.5
170	24.5	19.6	29.4





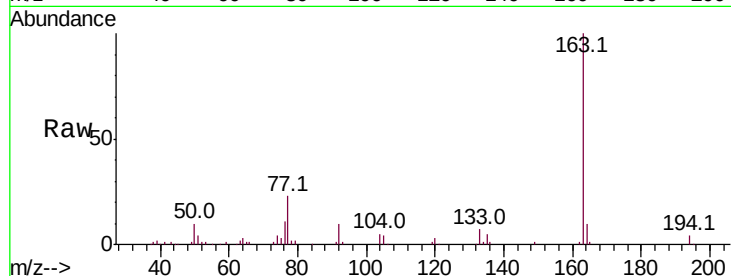
#49
Dimethylphthalate
Concen: 7.772 ng
RT: 9.74 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF108473.D
Acq: 24 Aug 2018 19:47

Instrument :
BNA_F
ClientSampleId :
EP1-Q3-C1

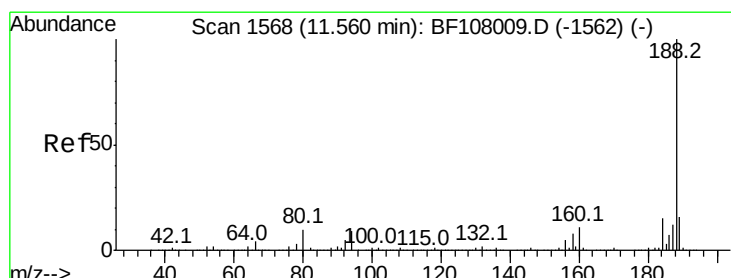
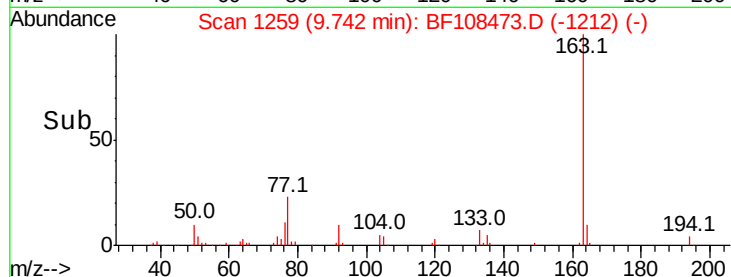
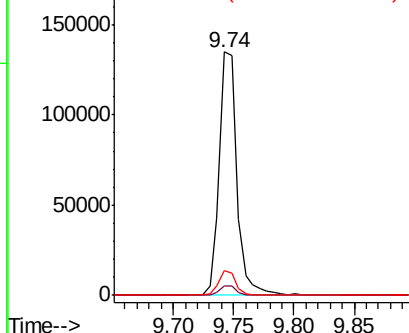
Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.9	2.7	4.1	
164	10.1	8.2	12.2	

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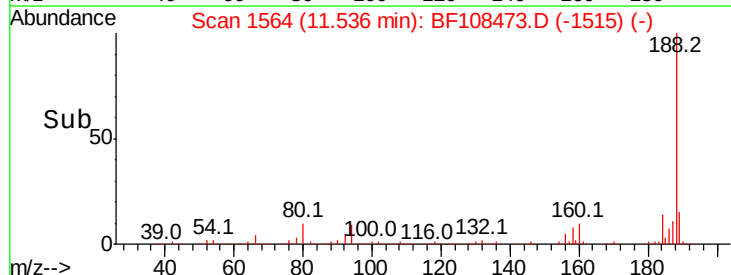
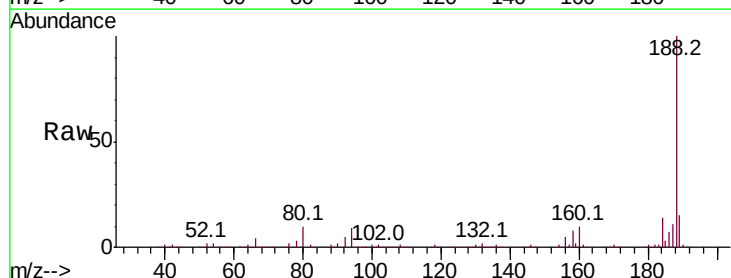
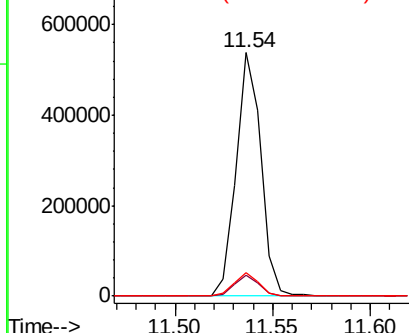
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

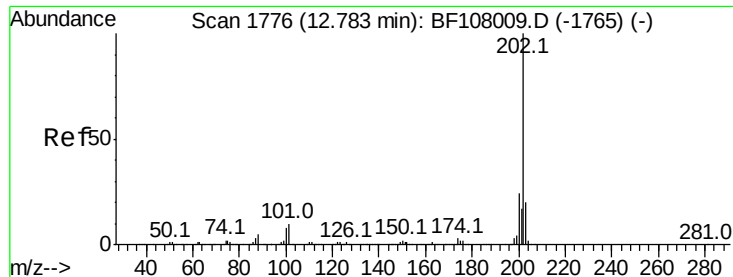


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF108473.D
Acq: 24 Aug 2018 19:47

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	8.8	8.5	12.7	
80	9.8	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: 2.650 ng

RT: 12.75 min Scan# 1771

Delta R.T. -0.01 min

Lab File: BF108473.D

Acq: 24 Aug 2018 19:47

Instrument :

BNA_F

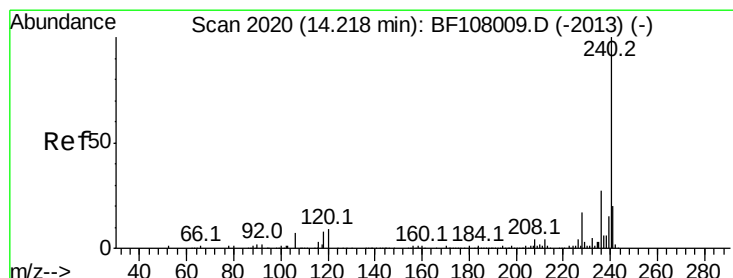
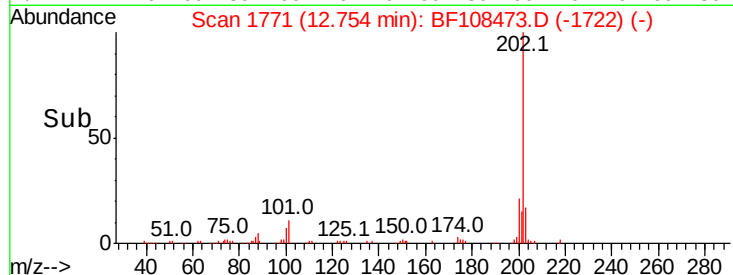
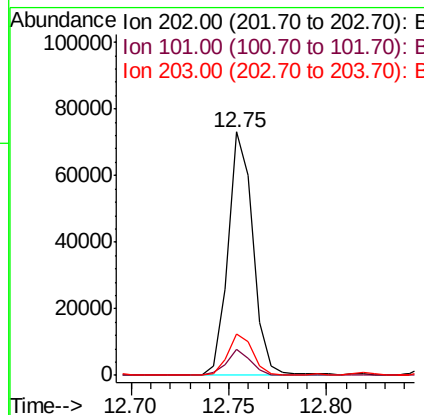
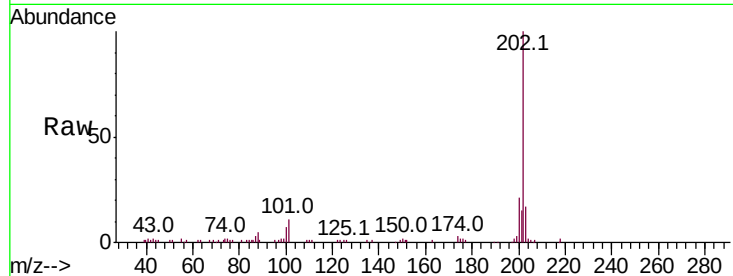
ClientSampled :

EP1-Q3-C1

Tot Ion:	202	Resp:	64709
Ion Ratio	Lower	Upper	
202	100		
101	10.5	0.0	34.1
203	17.1	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

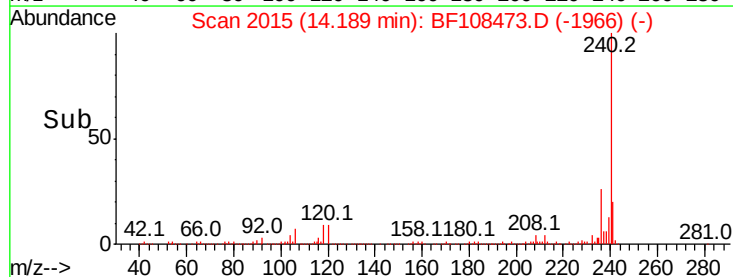
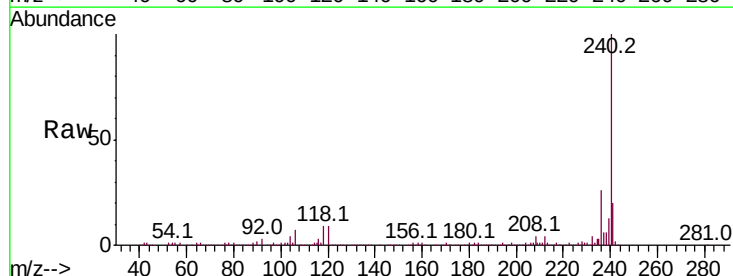
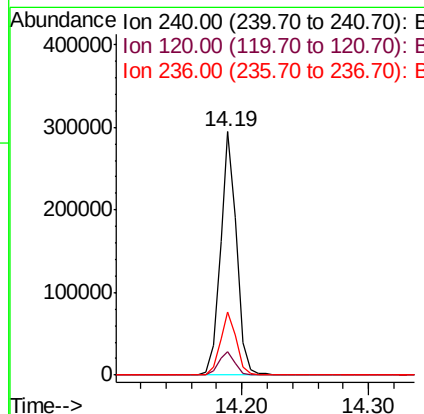
RT: 14.19 min Scan# 2015

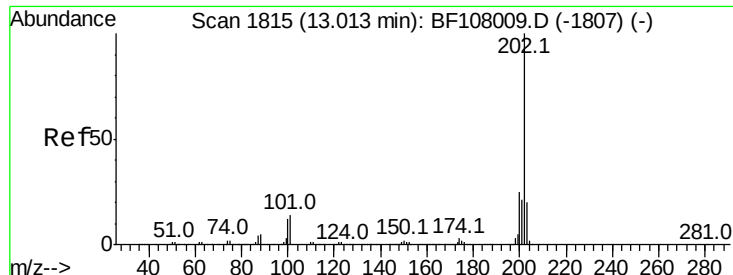
Delta R.T. -0.01 min

Lab File: BF108473.D

Acq: 24 Aug 2018 19:47

Tgt Ion:	240	Resp:	261259
Ion Ratio	Lower	Upper	
240	100		
120	9.4	9.5	14.3#
236	26.0	20.7	31.1





#77

Pvrene

Concen: 3.575 ng

RT: 12.99 min Scan# 1811

Delta R.T. -0.01 min

Lab File: BF108473.D

Acq: 24 Aug 2018 19:47

Instrument :

BNA_F

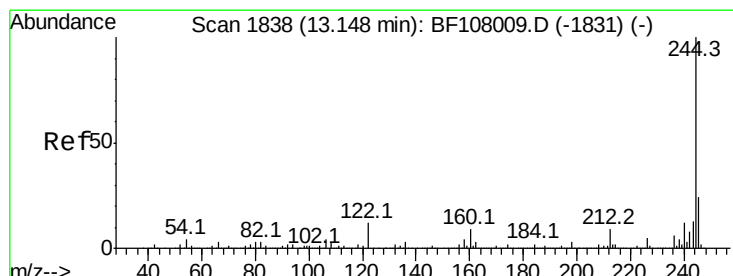
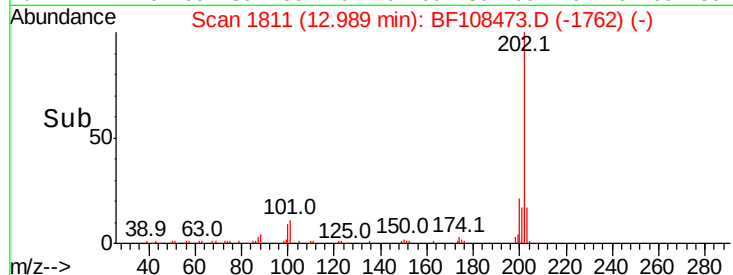
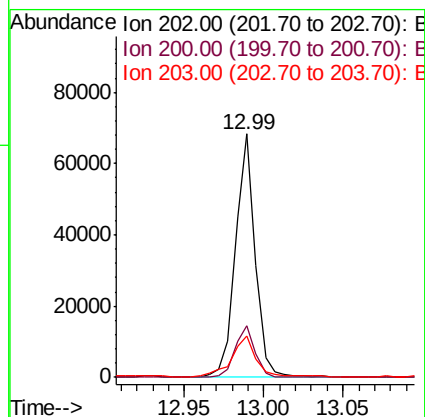
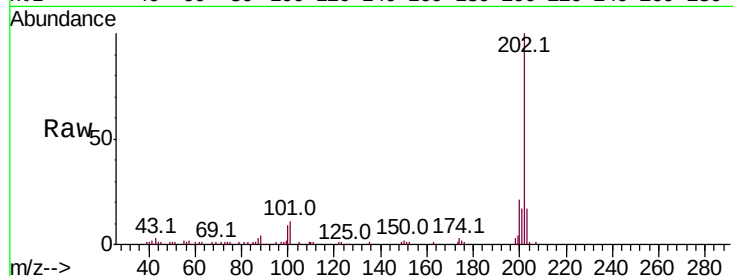
ClientSampleId :

EP1-Q3-C1

Tot Ion:	202	Resp:	59135
Ion Ratio	Lower	Upper	
202	100		
200	21.3	17.4	26.2
203	16.9	14.3	21.5

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#78

Terphenyl-d14

Concen: 108.295 ng

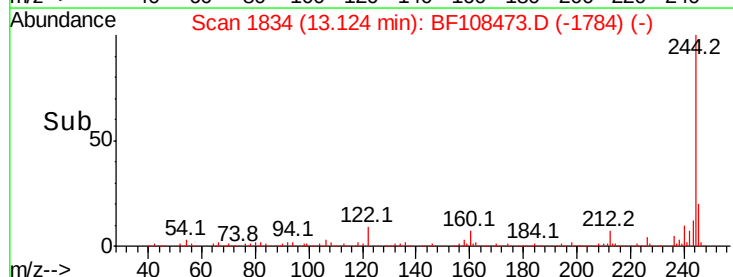
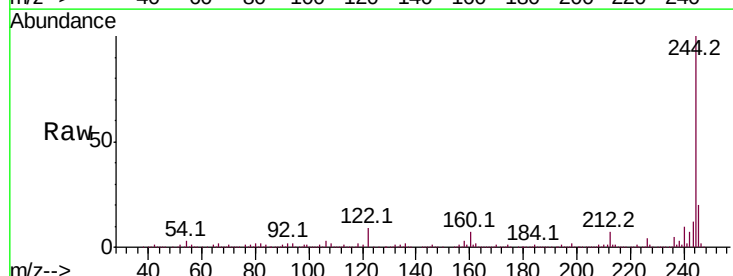
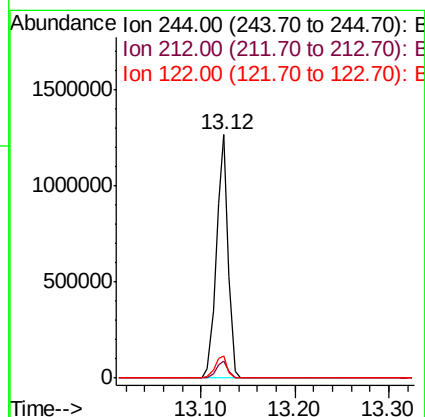
RT: 13.12 min Scan# 1834

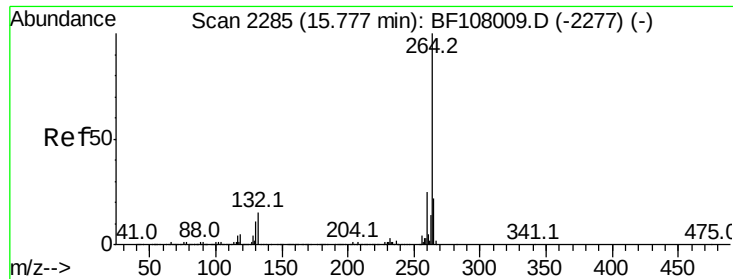
Delta R.T. -0.01 min

Lab File: BF108473.D

Acq: 24 Aug 2018 19:47

Tgt Ion:	244	Resp:	1112779
Ion Ratio	Lower	Upper	
244	100		
212	7.3	5.4	8.0
122	9.3	11.0	16.4#





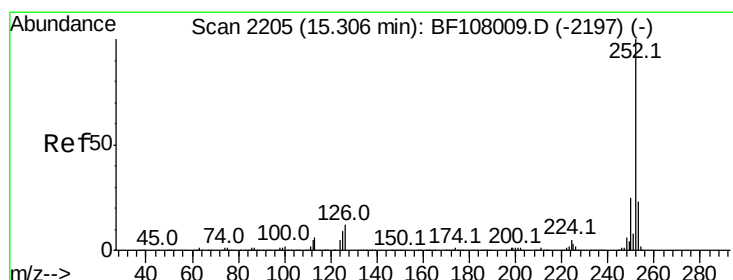
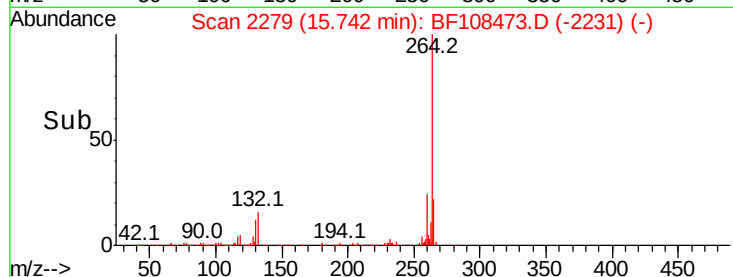
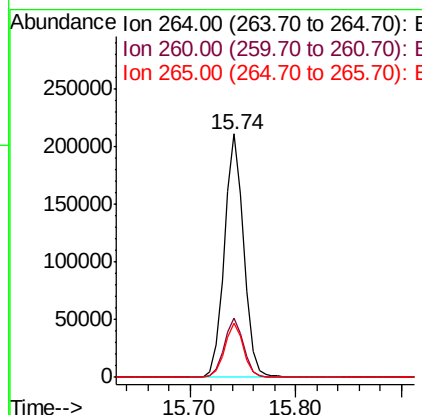
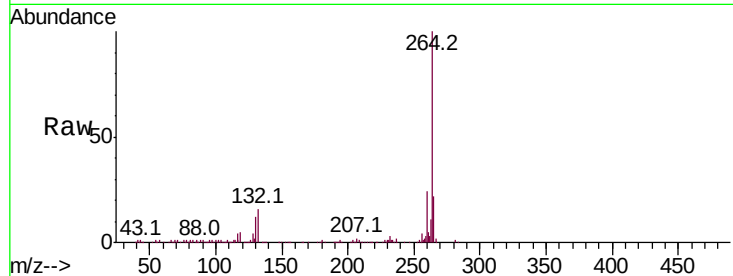
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.74 min Scan# 2279
Delta R.T. -0.02 min
Lab File: BF108473.D
Acq: 24 Aug 2018 19:47

Instrument :
BNA_F
ClientSampleId :
EP1-Q3-C1

Tot Ion	Ratio	Resp	Lower	Upper
264	100			
260	24.3	19.2	28.8	
265	22.3	17.5	26.3	

Manual Integrations
APPROVED

Sohil
8/27/2018 12:56:42 PM



#87
Benzo(b)fluoranthene
Concen: 2.066 ng m
RT: 15.28 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF108473.D
Acq: 24 Aug 2018 19:47

Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
253	23.9	17.0	25.6	
125	10.6	9.0	13.6	

