

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081618\
 Data File : BF108203.D
 Acq On : 16 Aug 2018 18:59
 Operator : JU/SJ
 Sample : J4474-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FRAC-TANK-SV28570L

Manual Integrations
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Sohil
 8/17/2018 3:30:47 PM

Quant Time: Aug 17 11:18:54 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 08 12:24:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	185739	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	652001	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	283614	20.00	ng	0.00
63) Phenanthrene-d10	11.56	188	437428	20.00	ng	0.00
75) Chrysene-d12	14.21	240	404446	20.00	ng	0.00
86) Perylene-d12	15.78	264	359213	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	618659	60.30	ng	0.01
7) Phenol-d6	6.63	99	509885	37.40	ng	0.00
23) Nitrobenzene-d5	7.58	82	1055420	90.33	ng	0.00
41) 2,4,6-Tribromophenol	10.86	330	332791	117.64	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	1756790	99.45	ng	0.00
78) Terphenyl-d14	13.15	244	1424681	89.56	ng	0.00
Target Compounds						
10) Phenol	6.64	94	45680	3.239	ng	95
49) Dimethylphthalate	9.77	163	233534	11.821	ng	# 98
70) Phenanthrene	11.58	178	48654	2.358	ng	# 95
74) Fluoranthene	12.78	202	115980	5.151	ng	93
77) Pyrene	13.01	202	106182m	4.147	ng	
82) Chrysene	14.24	228	47598	2.237	ng	# 94
83) Bis(2-ethylhexyl)phthalate	14.17	149	120275	8.735	ng	96
87) Benzo(b)fluoranthene	15.31	252	54440m	2.536	ng	

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

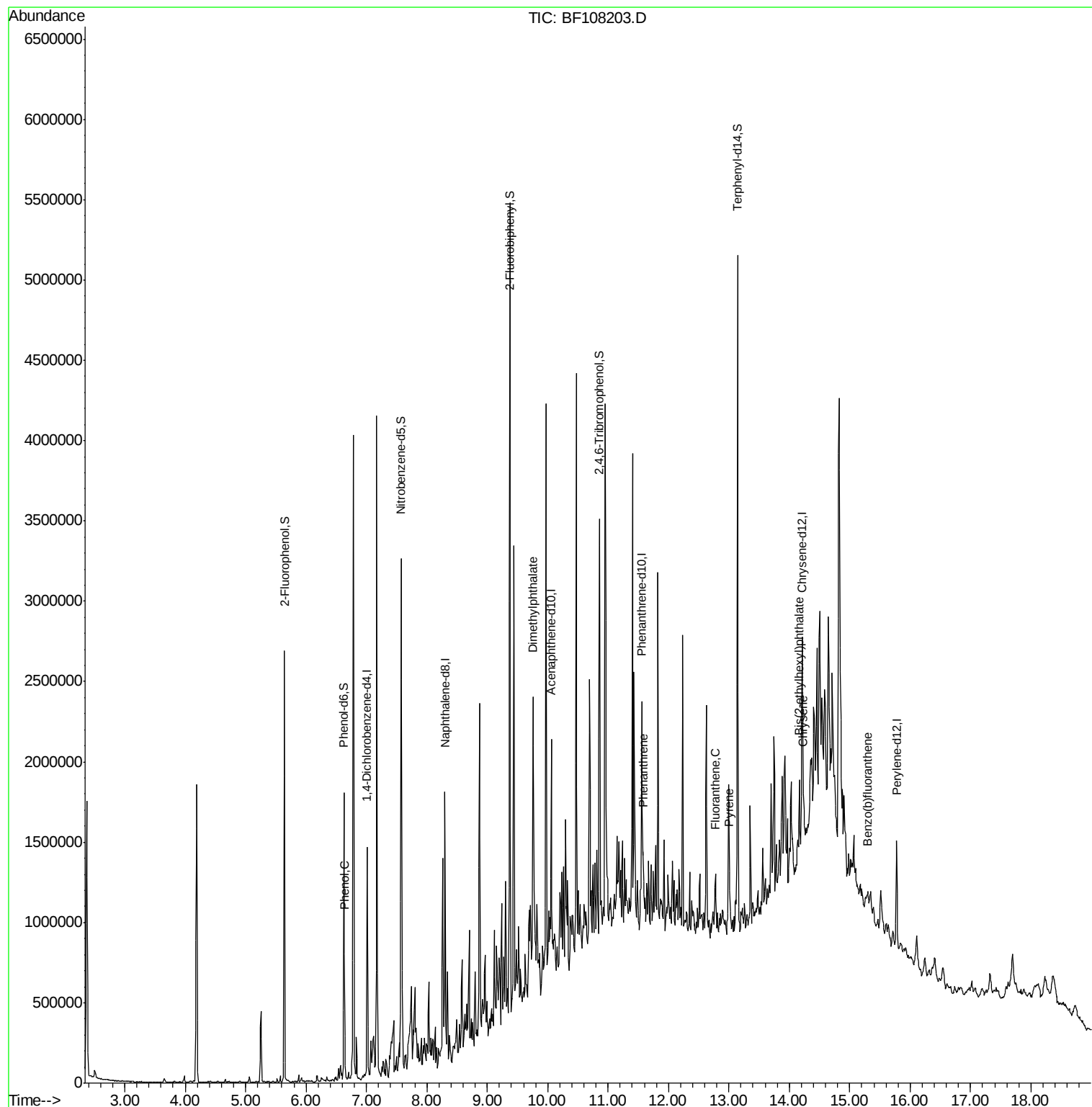
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081618\
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Operator : JU/SJ
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#1

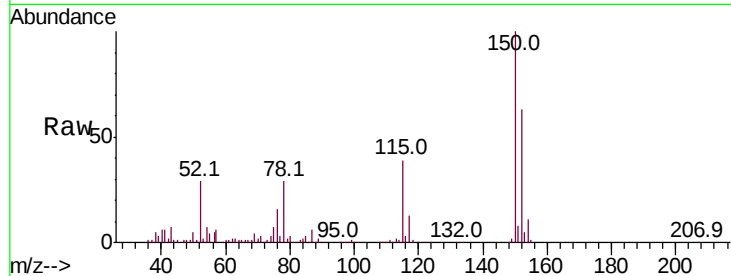
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF108203.D
Acq: 16 Aug 2018 18:59

Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-SV28570L

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	124.6	186.8
115	62.4	50.1	75.1

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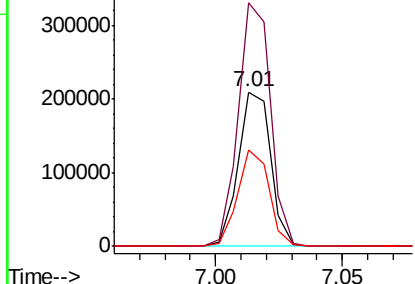
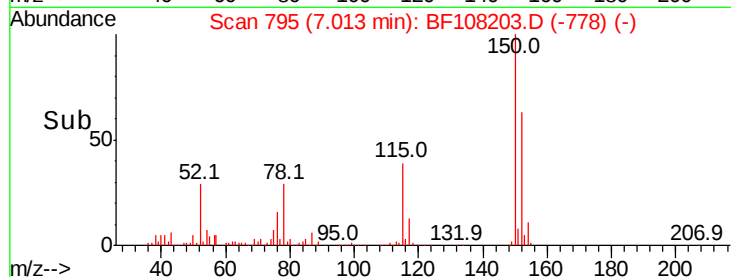


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

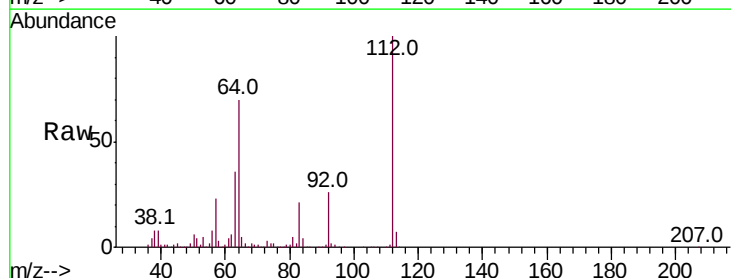
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 60.303 ng
RT: 5.64 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF108203.D
Acq: 16 Aug 2018 18:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.5	47.9	71.9
63	36.3	23.7	35.5

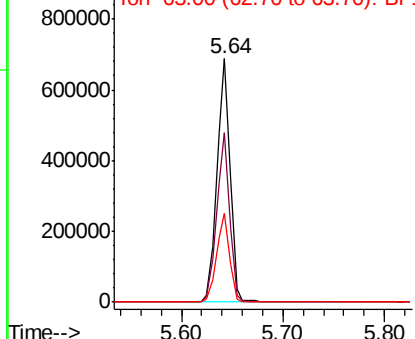
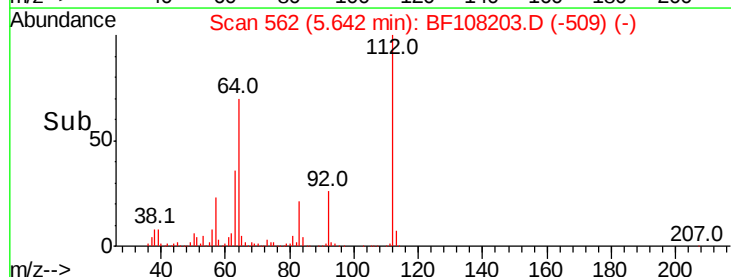


Abundance

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: 37.400 ng

RT: 6.63 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF108203.D

Acq: 16 Aug 2018 18:59

Instrument :

BNA_F

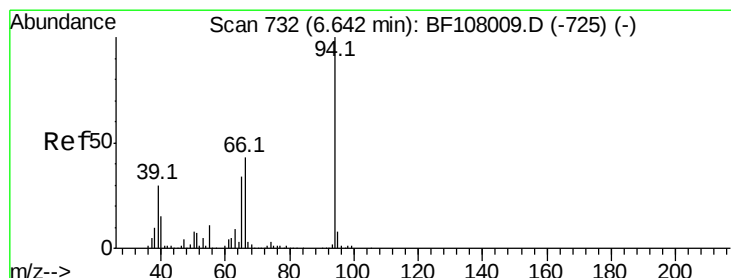
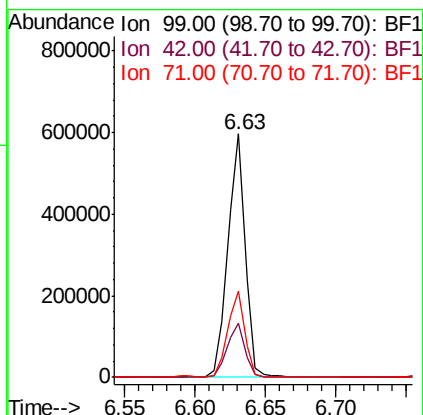
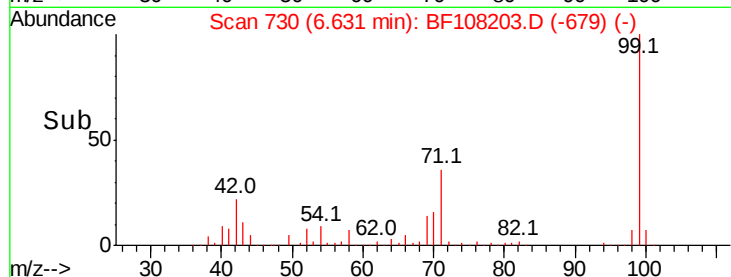
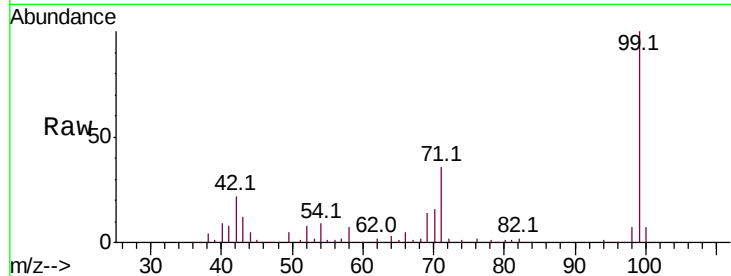
ClientSampleId :

FRAC-TANK-SV28570L

Tot Ion:	99	Resp:	509885
Ion Ratio	Lower	Upper	
99	100		
42	22.2	14.5	21.7#
71	35.5	25.4	38.0

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#10

Phenol

Concen: 3.239 ng

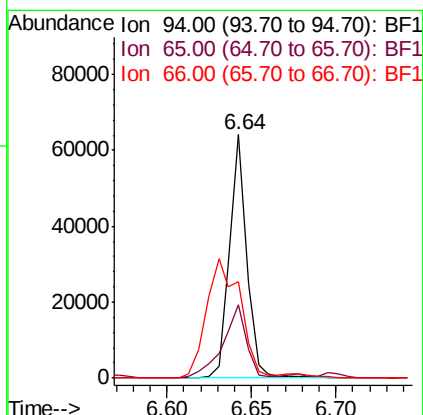
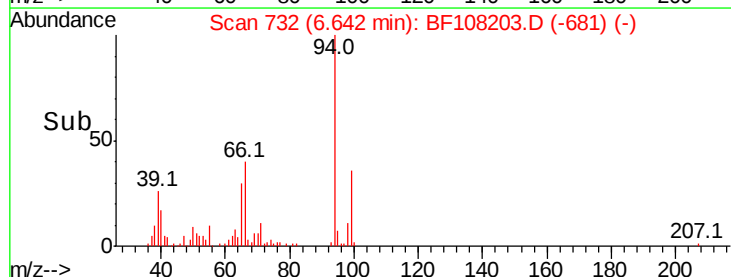
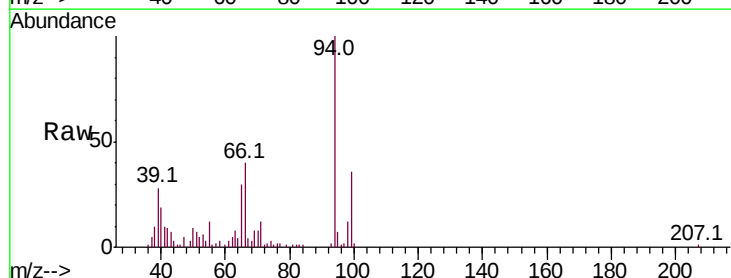
RT: 6.64 min Scan# 732

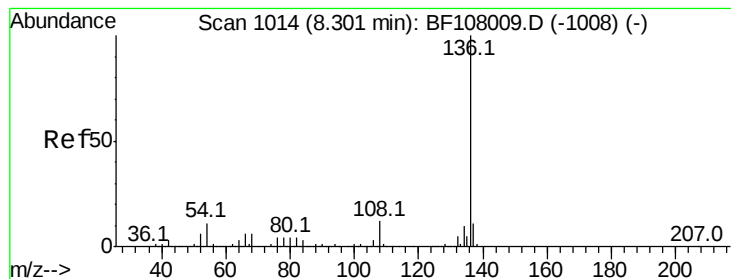
Delta R.T. 0.00 min

Lab File: BF108203.D

Acq: 16 Aug 2018 18:59

Tgt Ion:	94	Resp:	45680
Ion Ratio	Lower	Upper	
94	100		
65	30.3	7.9	47.9
66	39.5	16.2	56.2





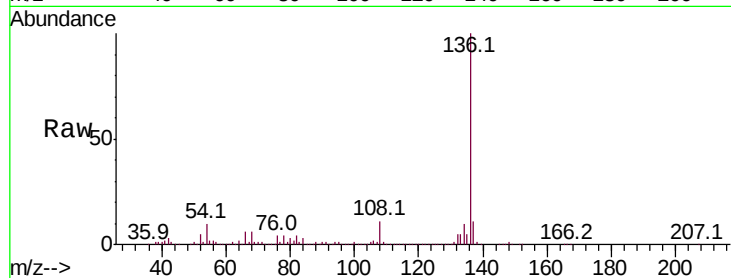
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.30 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF108203.D
Acq: 16 Aug 2018 18:59

Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-SV28570L

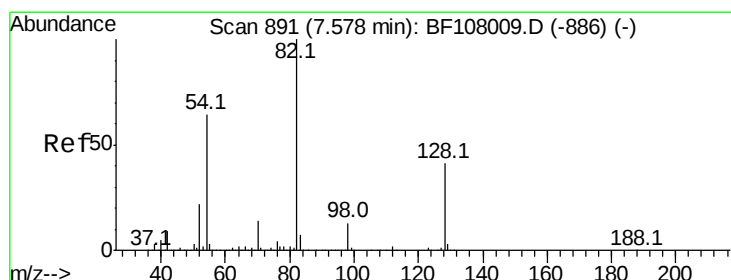
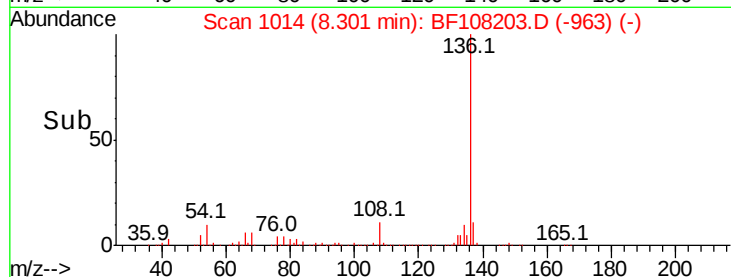
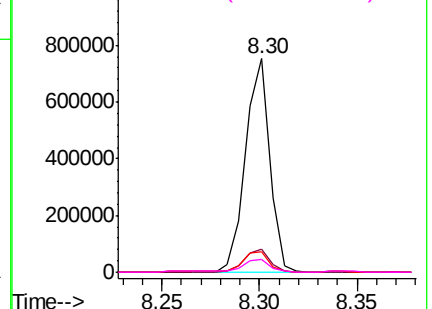
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	8.9	13.3	
54	9.7	6.6	9.8	
68	5.8	5.0	7.4	

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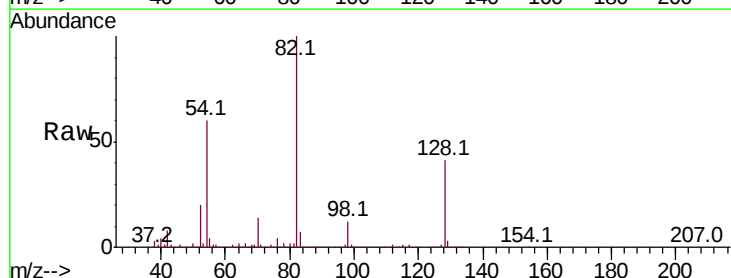


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

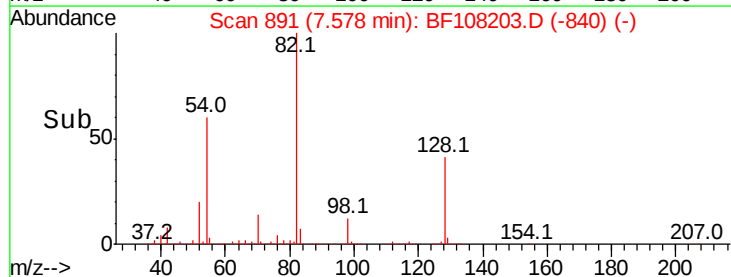
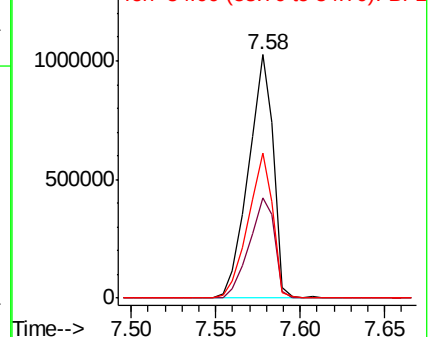


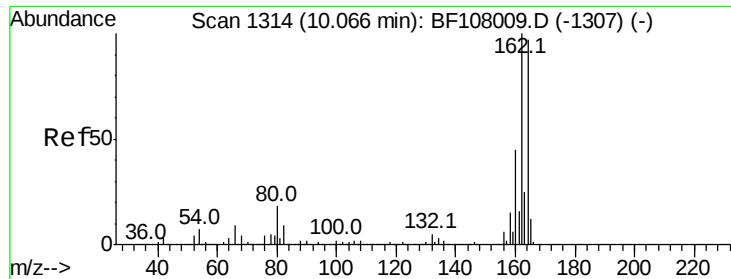
#23
Nitrobenzene-d5
Concen: 90.328 ng
RT: 7.58 min Scan# 891
Delta R.T. 0.00 min
Lab File: BF108203.D
Acq: 16 Aug 2018 18:59

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	41.2	36.1	54.1	
54	59.8	41.4	62.2	



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





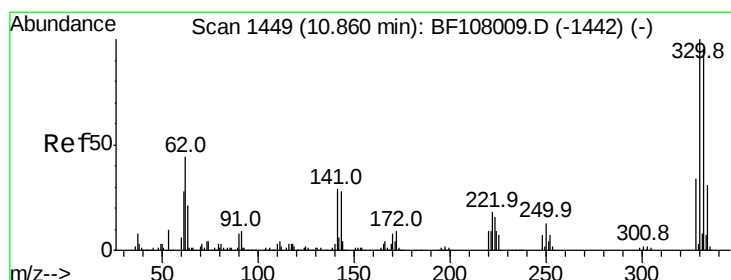
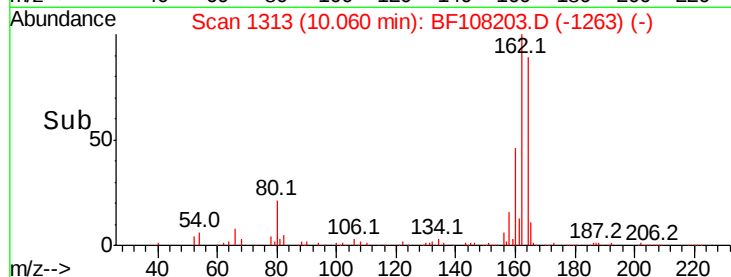
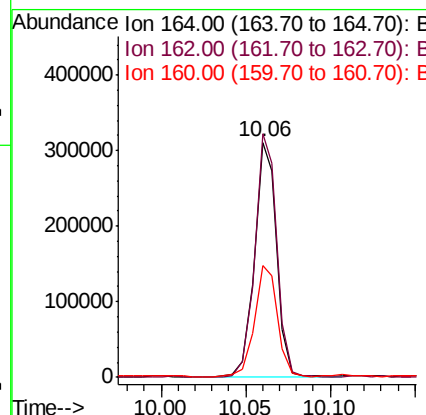
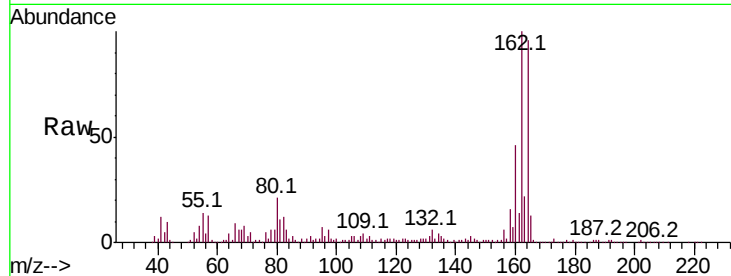
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.06 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: BF108203.D
 Acq: 16 Aug 2018 18:59

Instrument :
 BNA_F
 ClientSampleId :
 FRAC-TANK-SV28570L

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.7	86.1	129.1
160	47.6	38.3	57.5

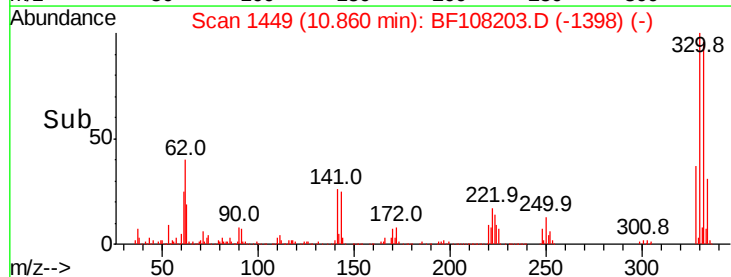
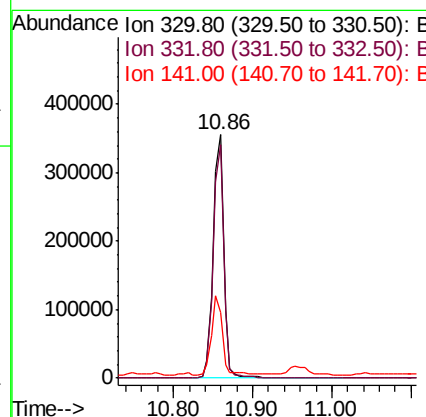
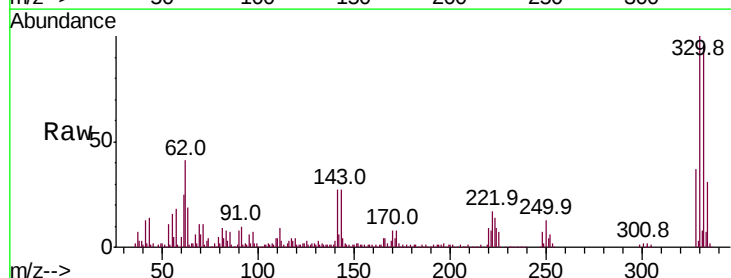
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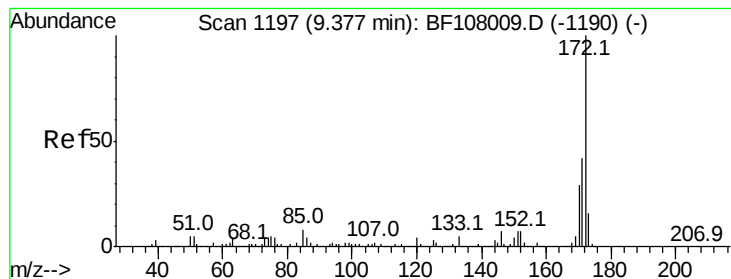
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#41
 2,4,6-Tribromophenol
 Concen: 117.636 ng
 RT: 10.86 min Scan# 1449
 Delta R.T. 0.00 min
 Lab File: BF108203.D
 Acq: 16 Aug 2018 18:59

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	33.2	29.9	44.9





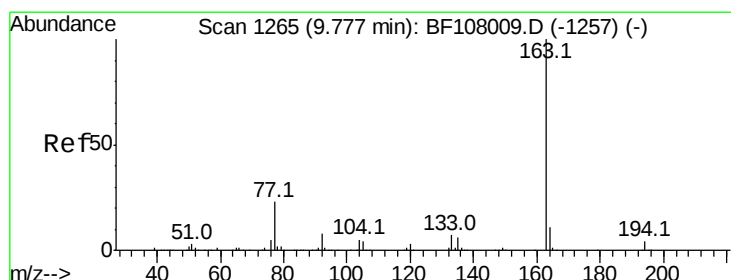
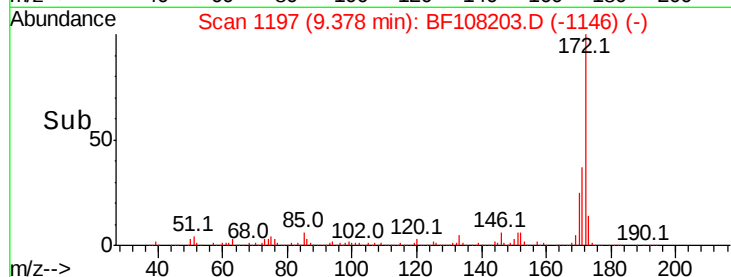
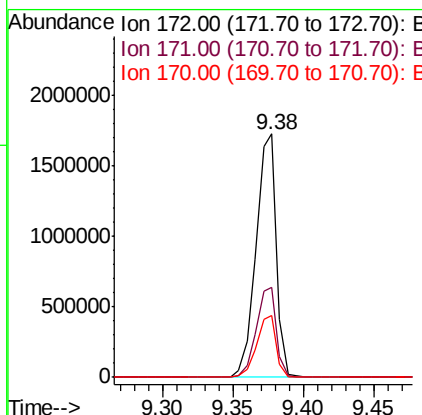
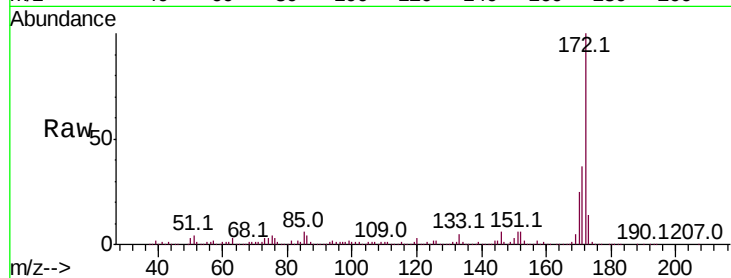
#44
2-Fluorobiphenyl
Concen: 99.448 ng
RT: 9.38 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BF108203.D
Acq: 16 Aug 2018 18:59

Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-SV28570L

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.7	44.5
170	25.2	19.6	29.4

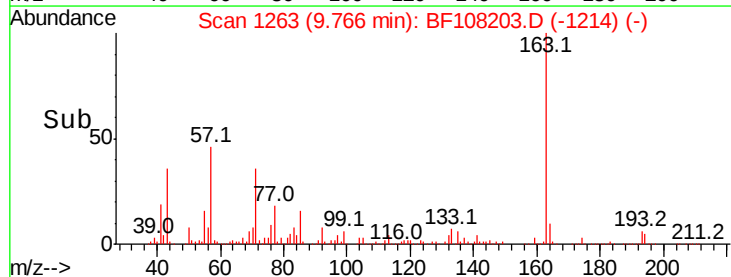
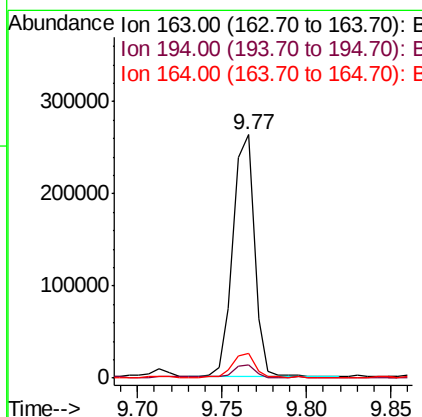
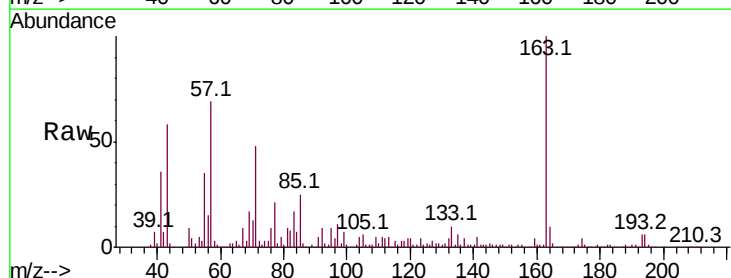
Manual Integrations
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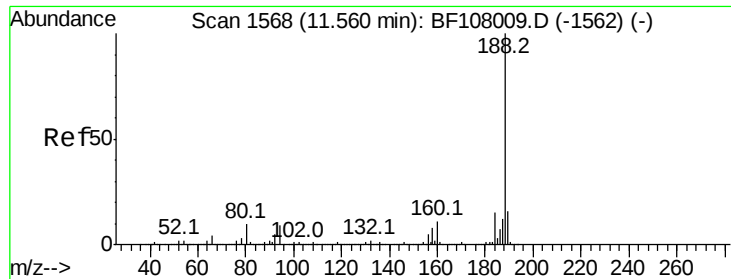
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#49
Dimethylphthalate
Concen: 11.821 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BF108203.D
Acq: 16 Aug 2018 18:59

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.6	2.7	4.1#
164	10.1	8.2	12.2





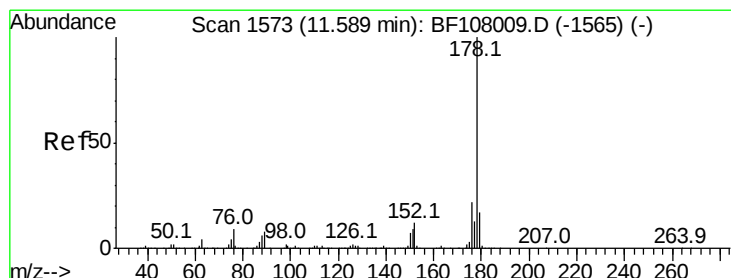
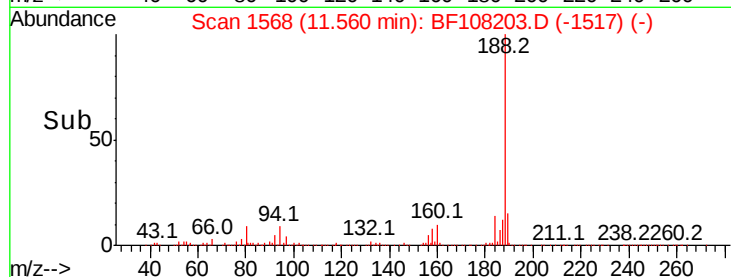
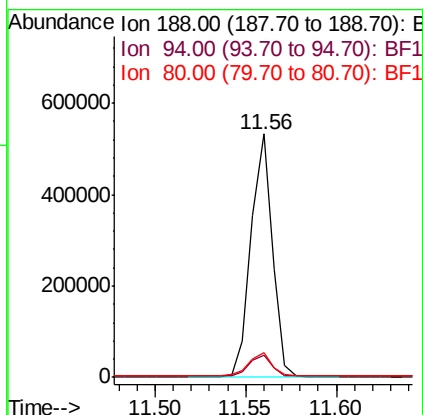
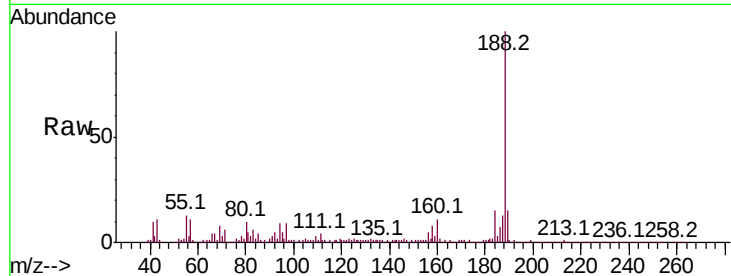
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.56 min Scan# 1568
Delta R.T. 0.00 min
Lab File: BF108203.D
Acq: 16 Aug 2018 18:59

Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-SV28570L

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	9.3	8.5	12.7	
80	10.0	9.2	13.8	

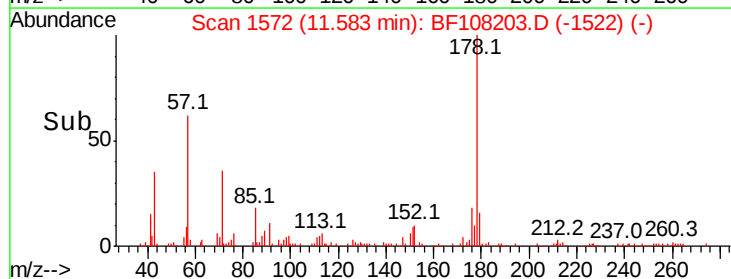
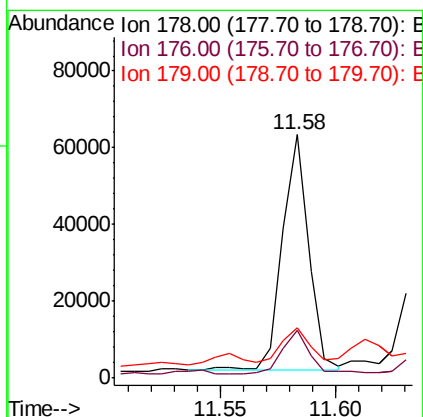
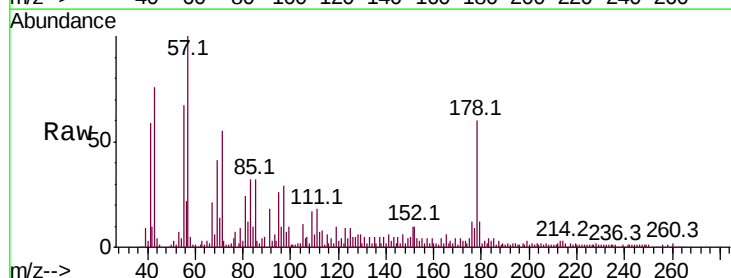
Manual Integrations
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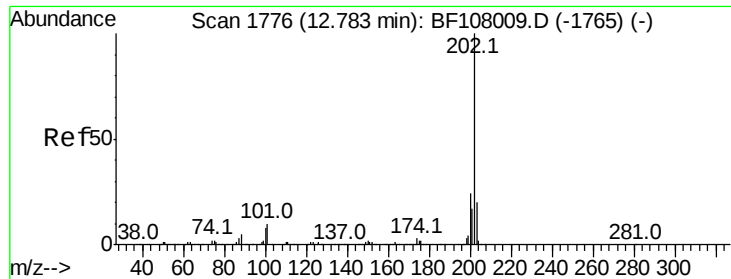
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#70
Phenanthrene
Concen: 2.358 ng
RT: 11.58 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF108203.D
Acq: 16 Aug 2018 18:59

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	19.6	15.8	23.8	
179	20.7	13.0	19.6	





#74

Fluoranthene

Concen: 5.151 ng

RT: 12.78 min Scan# 1775

Delta R.T. -0.01 min

Lab File: BF108203.D

Acq: 16 Aug 2018 18:59

Instrument :

BNA_F

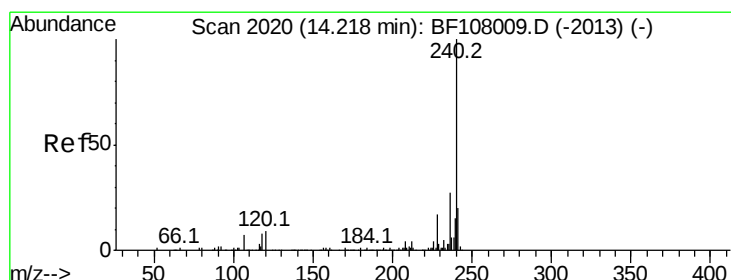
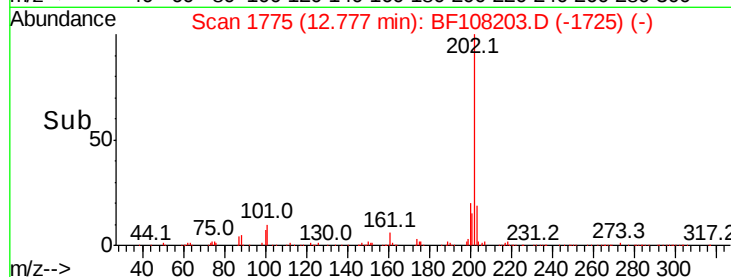
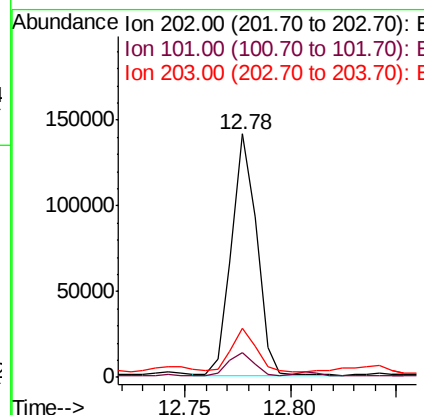
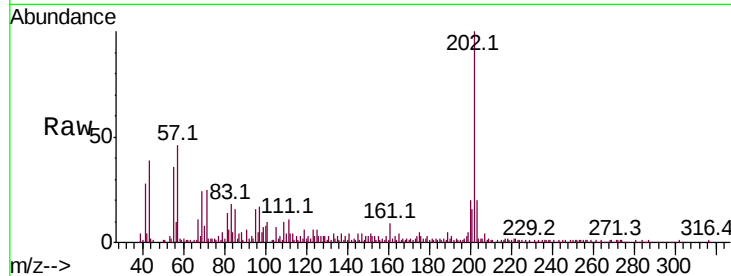
ClientSampleId :

FRAC-TANK-SV28570L

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.2	0.0	34.1
203	19.9	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

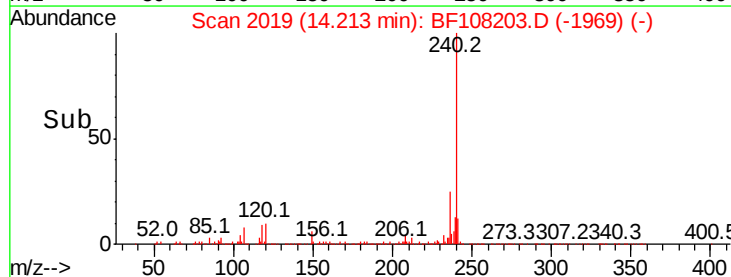
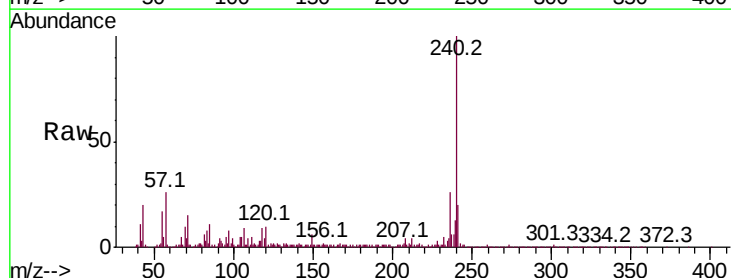
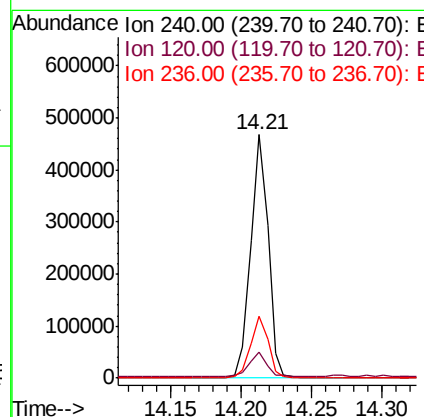
RT: 14.21 min Scan# 2019

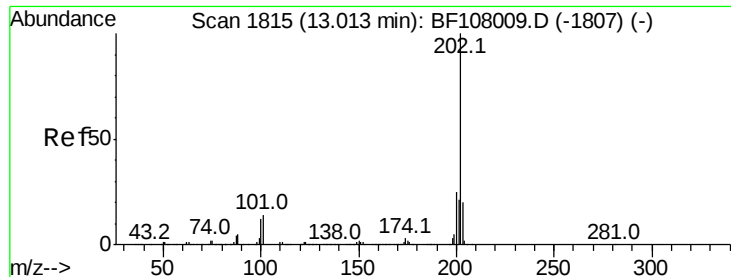
Delta R.T. -0.01 min

Lab File: BF108203.D

Acq: 16 Aug 2018 18:59

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.5	9.5	14.3
236	25.6	20.7	31.1





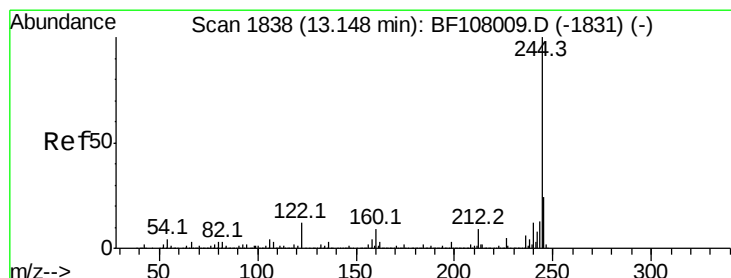
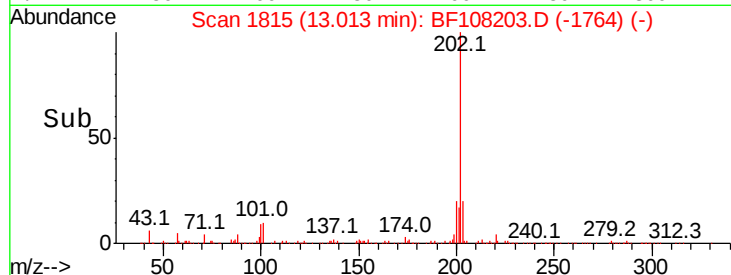
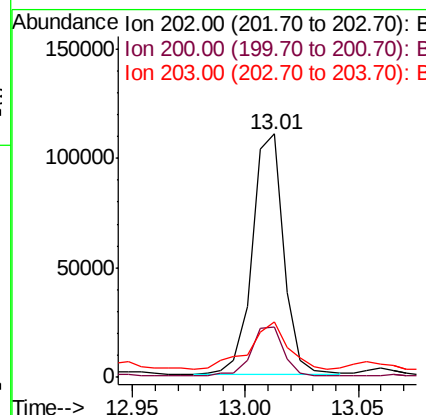
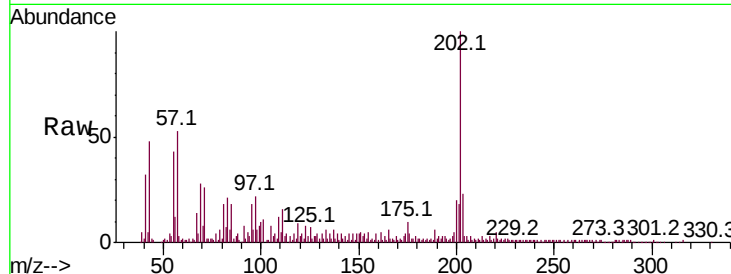
#77
Pvrene
Concen: 4.147 ng/mL
RT: 13.01 min Scan# 1815
Delta R.T. 0.00 min
Lab File: BF108203.D
Acq: 16 Aug 2018 18:59

Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-SV28570L

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.4	17.4	26.2
203	22.5	14.3	21.5

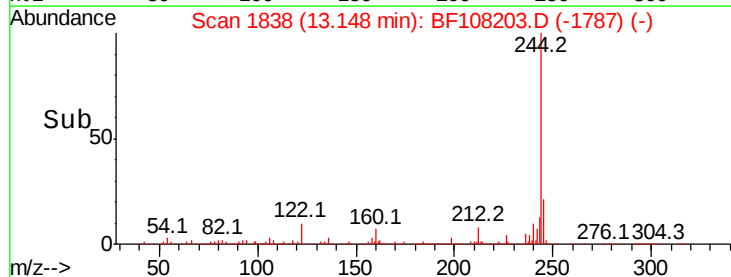
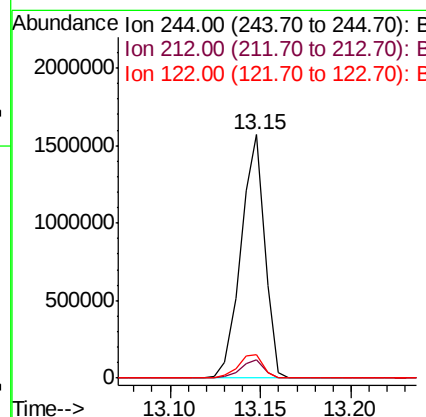
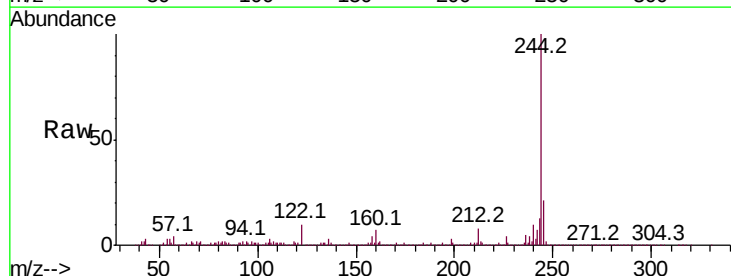
Manual Integrations
APPROVED

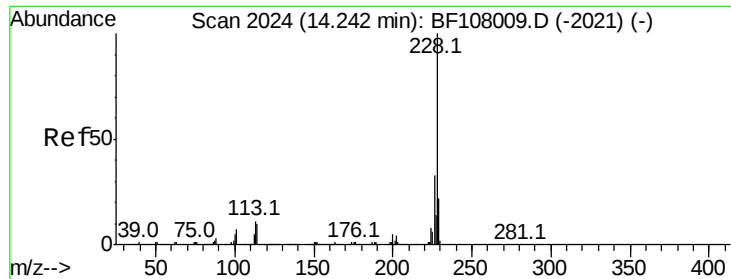
Sohil
8/17/2018 3:30:47 PM



#78
Terphenyl-d14
Concen: 89.563 ng/mL
RT: 13.15 min Scan# 1838
Delta R.T. 0.00 min
Lab File: BF108203.D
Acq: 16 Aug 2018 18:59

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.6	5.4	8.0
122	9.8	11.0	16.4





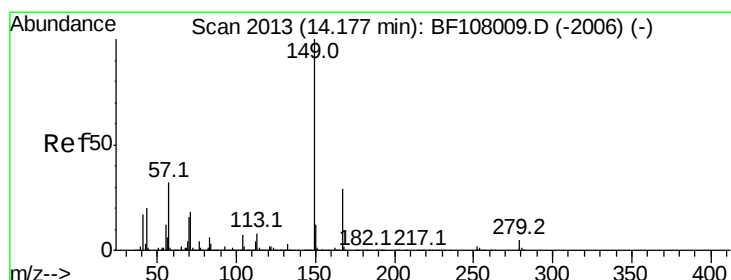
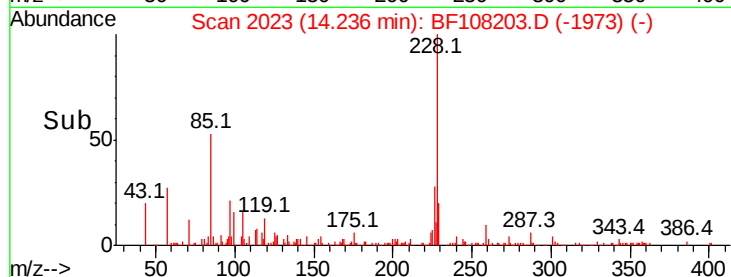
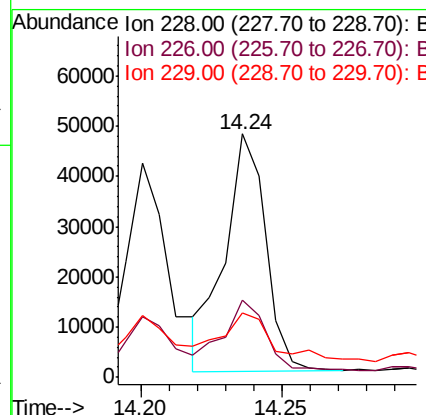
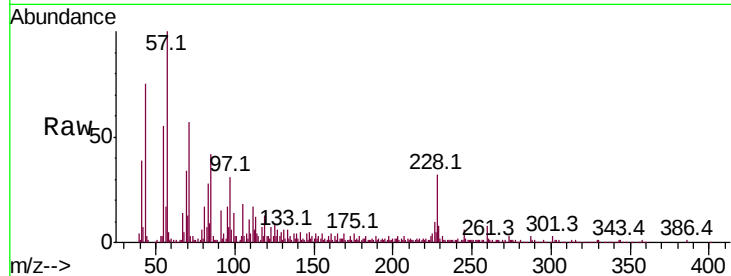
#82
Chrysene
Concen: 2.237 ng
RT: 14.24 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF108203.D
Acq: 16 Aug 2018 18:59

Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-SV28570L

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.8	25.0	37.6
229	26.4	16.2	24.4

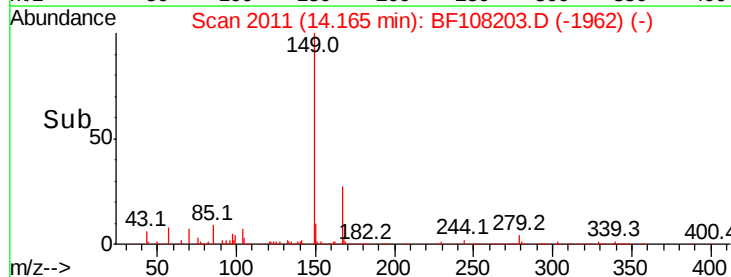
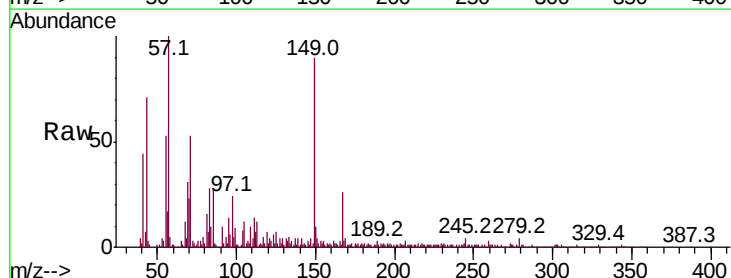
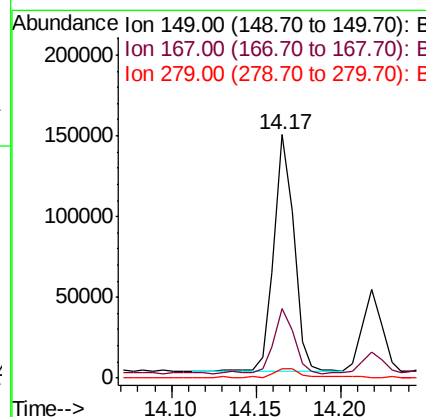
Manual Integrations
APPROVED

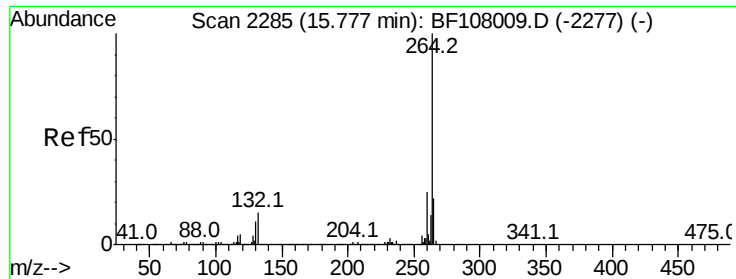
Sohil
8/17/2018 3:30:47 PM



#83
Bis(2-ethylhexyl)phthalate
Concen: 8.735 ng
RT: 14.17 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BF108203.D
Acq: 16 Aug 2018 18:59

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.6	21.3	31.9
279	4.1	3.0	4.4





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.78 min Scan# 2285

Delta R.T. 0.00 min

Lab File: BF108203.D

Acq: 16 Aug 2018 18:59

Instrument :

BNA_F

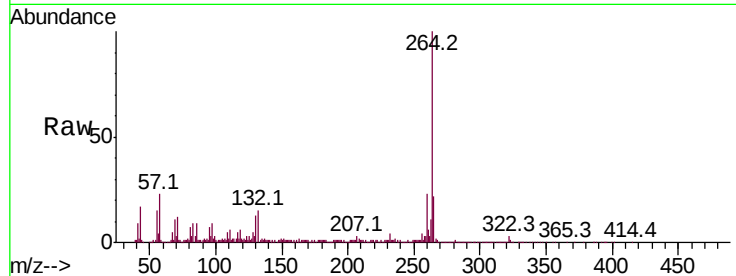
ClientSampleId :

FRAC-TANK-SV28570L

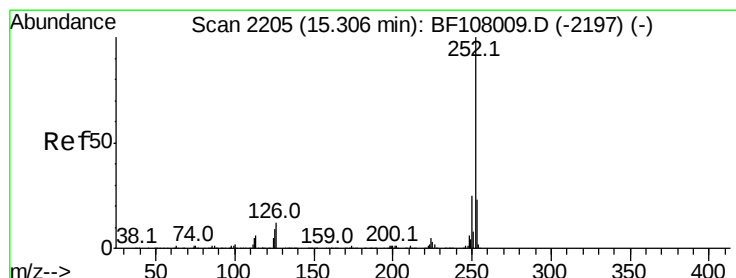
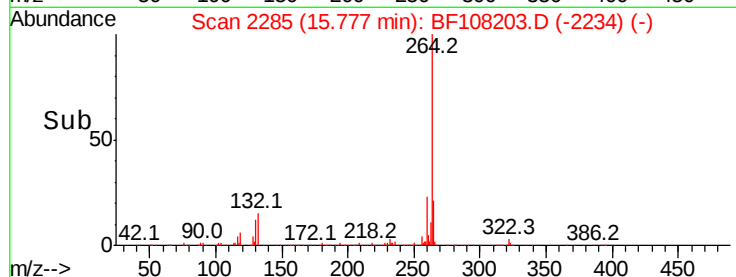
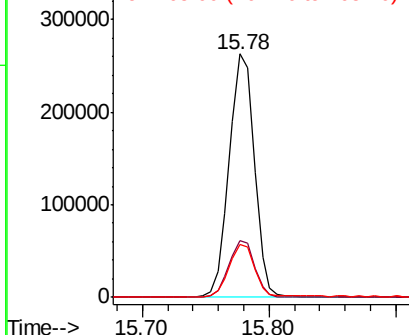
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.6	17.5	26.3

Manual Integrations
APPROVED

Sohil
8/17/2018 3:30:47 PM



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#87

Benzo(b)fluoranthene

Concen: 2.536 ng m

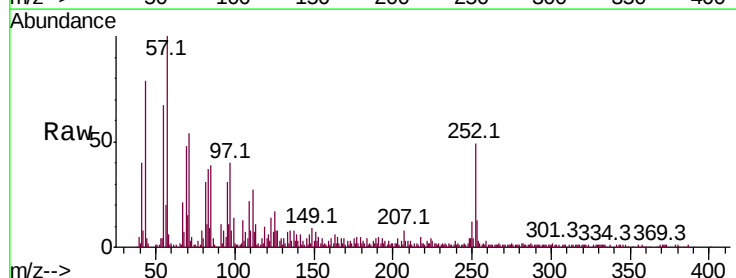
RT: 15.31 min Scan# 2205

Delta R.T. 0.00 min

Lab File: BF108203.D

Acq: 16 Aug 2018 18:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.0	17.0	25.6#
125	34.3	9.0	13.6#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

