

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031819\
 Data File : BF113103.D
 Acq On : 18 Mar 2019 21:06
 Operator : JU/SJ
 Sample : K1691-13 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-031519-C

Manual Integrations
 APPROVED

Sohil
 3/19/2019 5:09:55 PM

Quant Time: Mar 19 05:54:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	141704	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	554023	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	270556	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	505678	20.00	ng	0.00
76) Chrysene-d12	13.87	240	425692	20.00	ng	0.00
87) Perylene-d12	15.28	264	300131	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	118374	12.99	ng	0.00
7) Phenol-d6	6.37	99	147654	12.90	ng	0.00
23) Nitrobenzene-d5	7.29	82	83111	8.98	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	44961	15.65	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	207843	9.08	ng	0.00
79) Terphenyl-d14	12.82	244	205602	9.36	ng	0.00
Target Compounds						
75) Fluoranthene	12.44	202	90902	3.372	ng	97
78) Pyrene	12.67	202	88016	2.453	ng	99
88) Benzo(b)fluoranthene	14.88	252	43872m	2.260	ng	

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

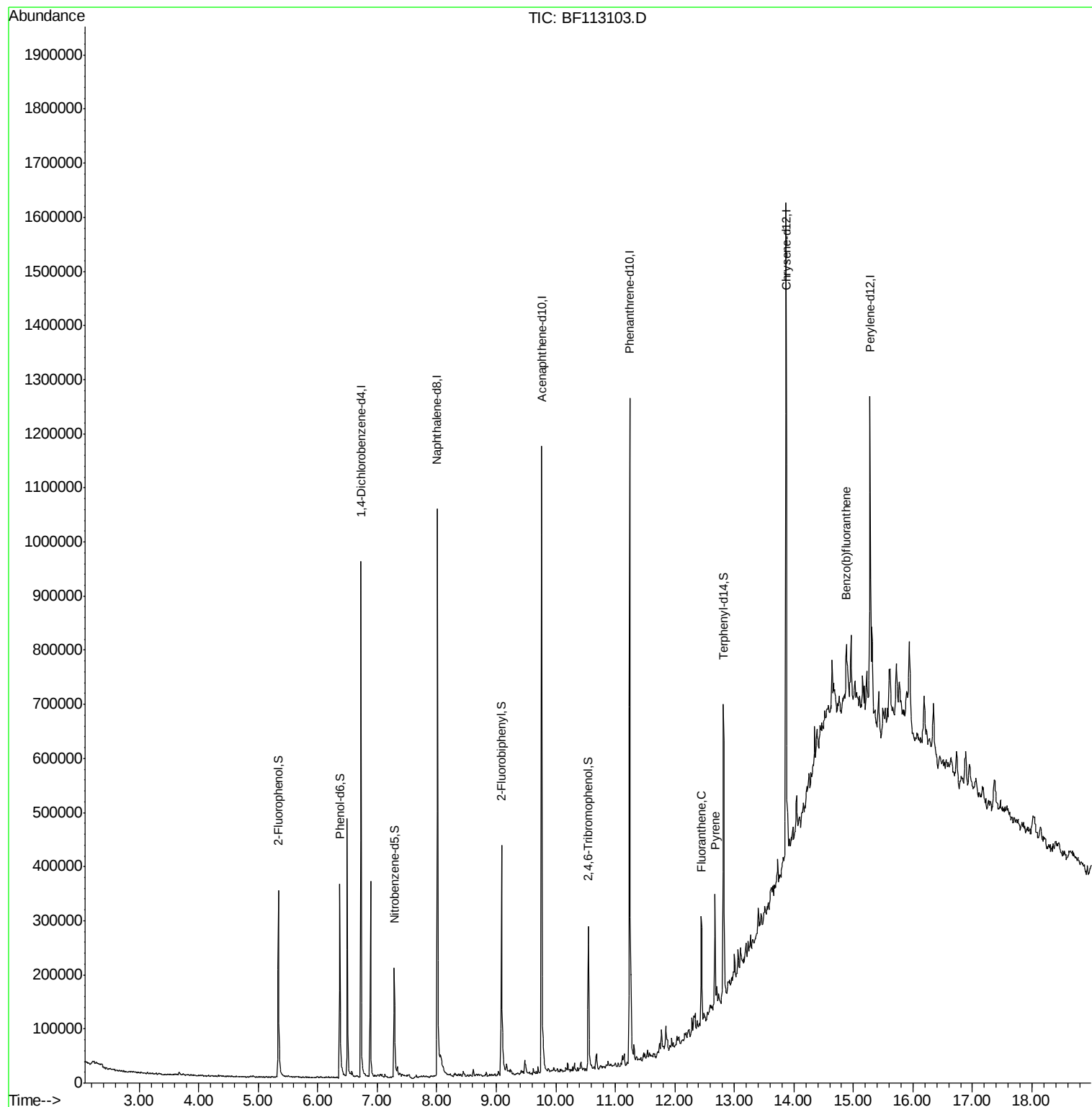
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031819\
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ALS Vial : 21 Sample Multiplier: 1

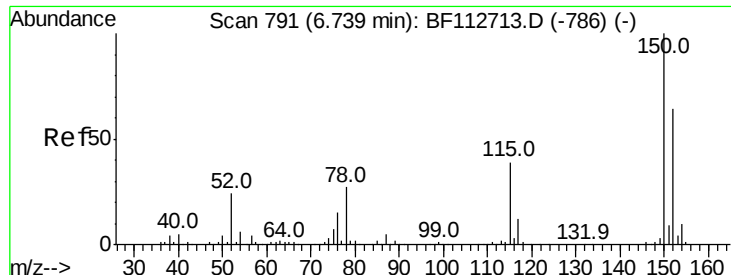
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#1

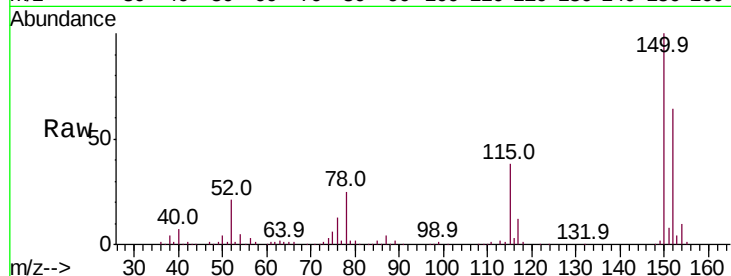
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF113103.D
Acq: 18 Mar 2019 21:06

Instrument :
BNA_F
ClientSampleId :
CL-01-031519-C

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	124.2	186.2
115	58.4	48.2	72.4

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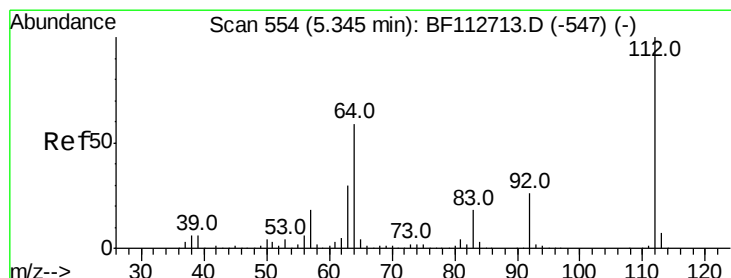
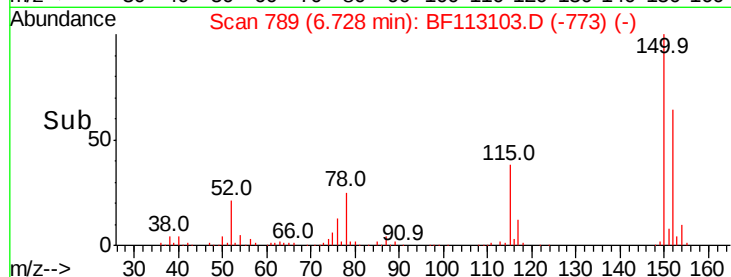
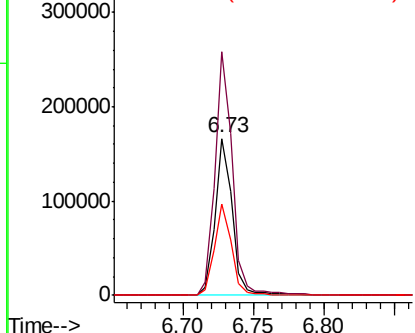


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

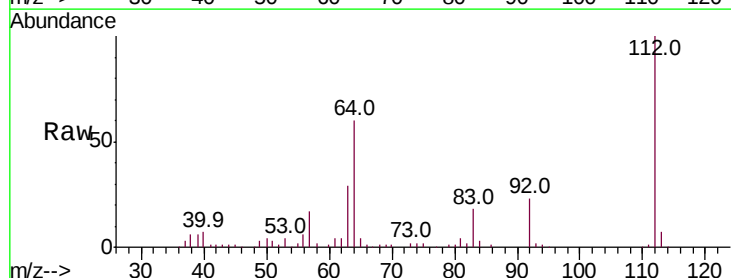
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 12.994 ng
RT: 5.34 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF113103.D
Acq: 18 Mar 2019 21:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.9	47.6	71.4
63	28.8	24.4	36.6

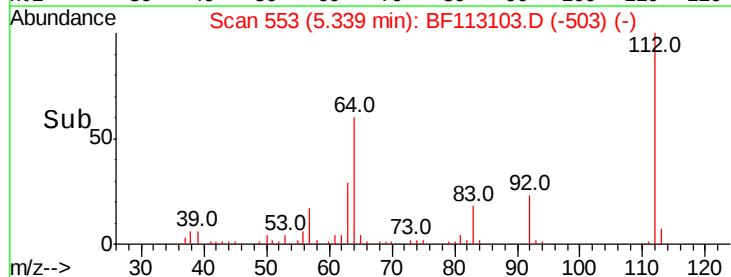
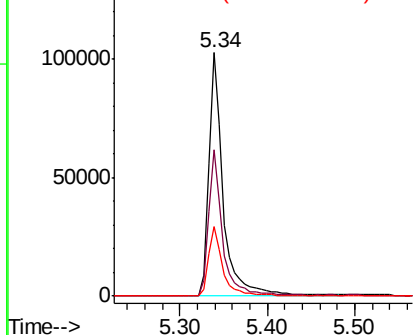


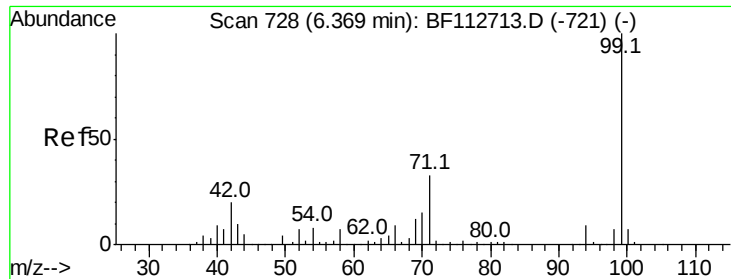
Abundance

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: 12.903 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF113103.D

Acq: 18 Mar 2019 21:06

Instrument :

BNA_F

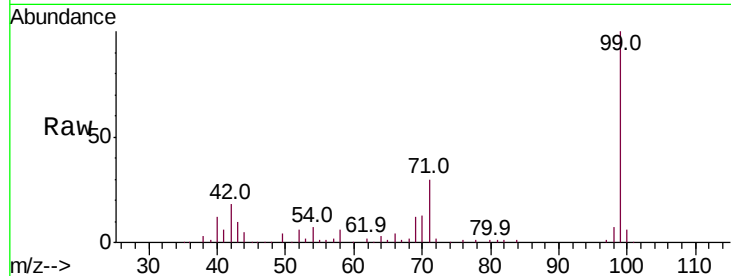
ClientSampleId :

CL-01-031519-C

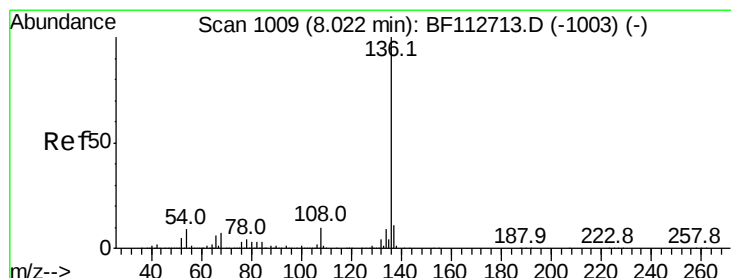
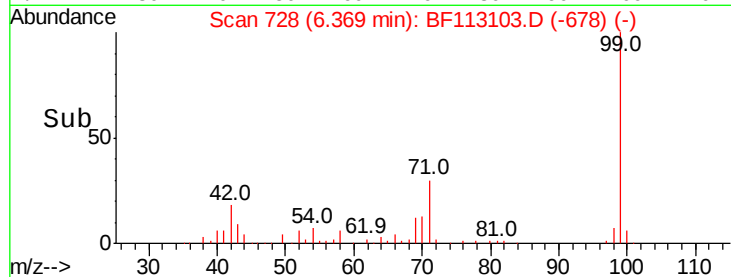
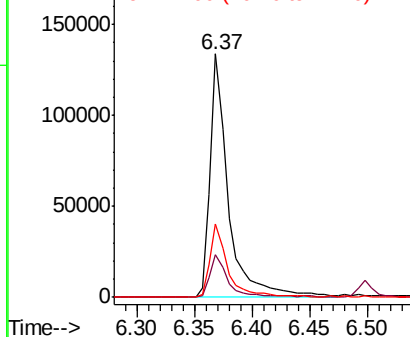
Tot Ion:	99	Resp:	147654
Ion Ratio	Lower	Upper	
99	100		
42	17.7	16.3	24.5
71	30.2	26.2	39.4

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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: 8.01 min Scan# 1007

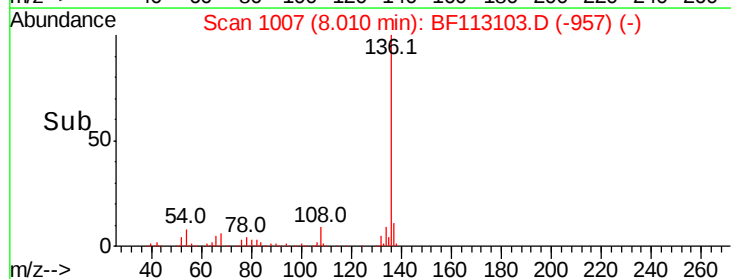
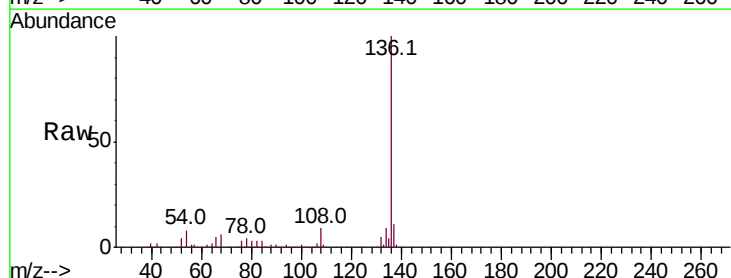
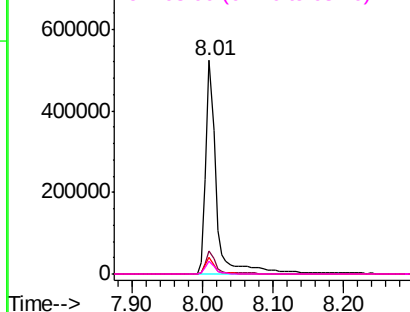
Delta R.T. -0.01 min

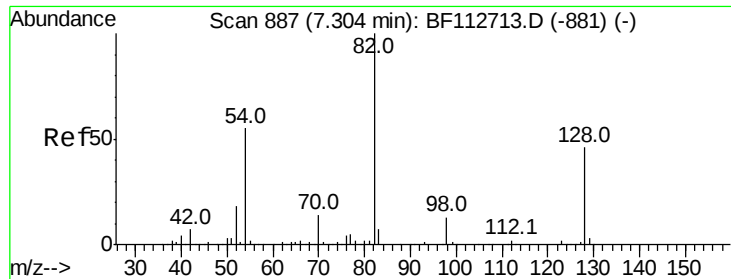
Lab File: BF113103.D

Acq: 18 Mar 2019 21:06

Tgt Ion:	136	Resp:	554023
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.9	13.3
54	8.0	7.3	10.9
68	6.0	5.4	8.2

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





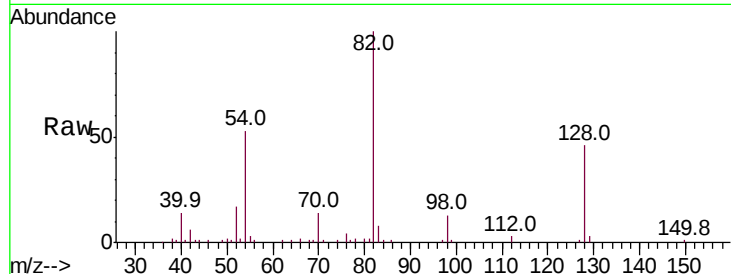
#23
Nitrobenzene-d5
Concen: 8.977 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF113103.D
Acq: 18 Mar 2019 21:06

Instrument :
BNA_F
ClientSampleId :
CL-01-031519-C

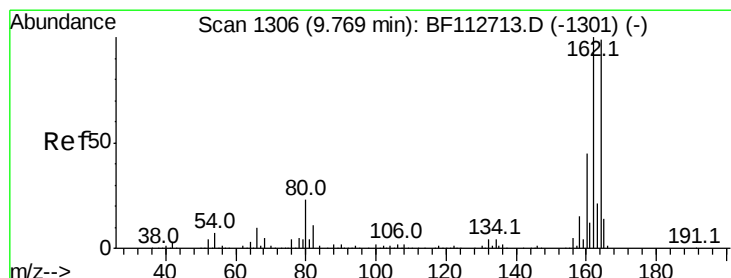
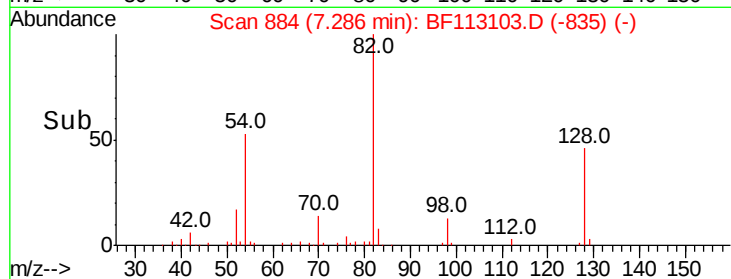
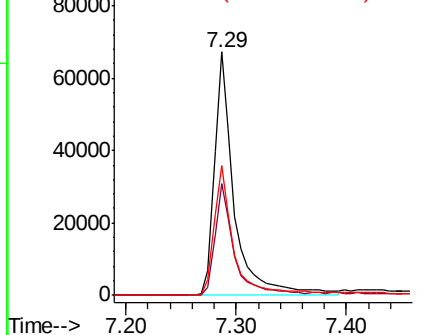
Tot Ion	Ratio	Lower	Upper
82	100		
128	46.1	36.3	54.5
54	53.3	43.7	65.5

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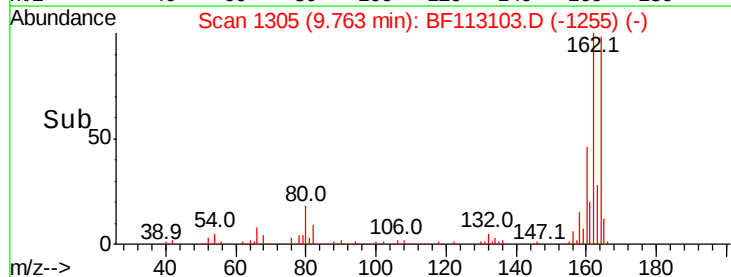
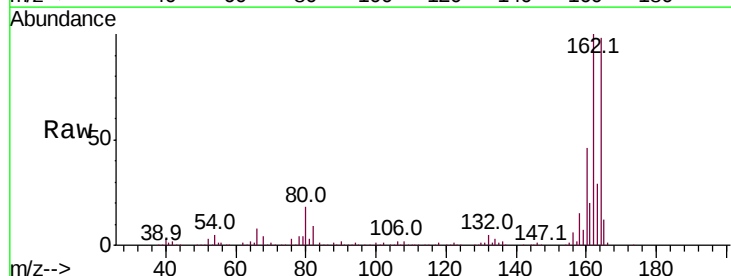
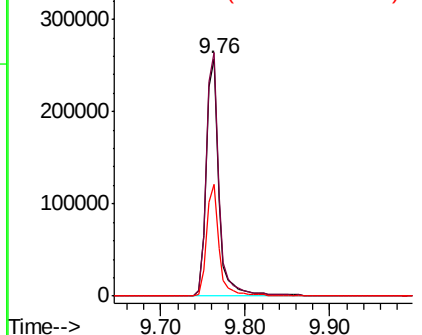
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

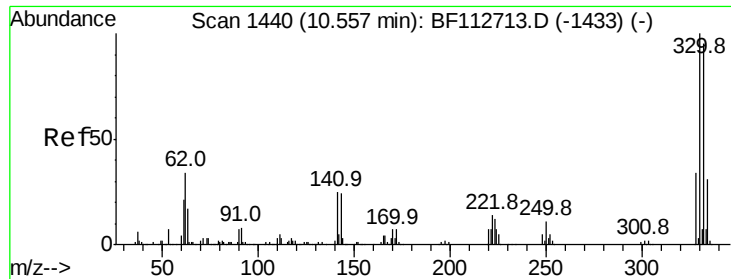


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF113103.D
Acq: 18 Mar 2019 21:06

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.6	80.6	120.8
160	47.0	36.0	54.0

Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





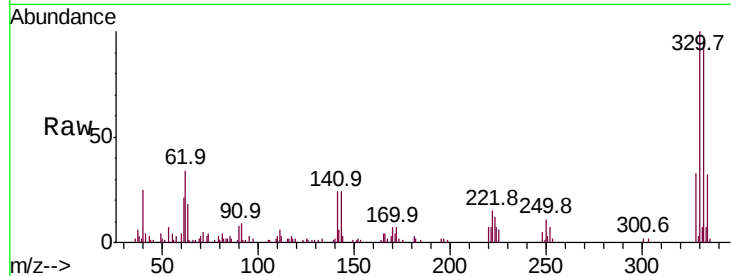
#42
 2,4,6-Tribromophenol
 Concen: 15.653 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: BF113103.D
 Acq: 18 Mar 2019 21:06

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-031519-C

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.2	114.4
141	30.1	27.0	40.6

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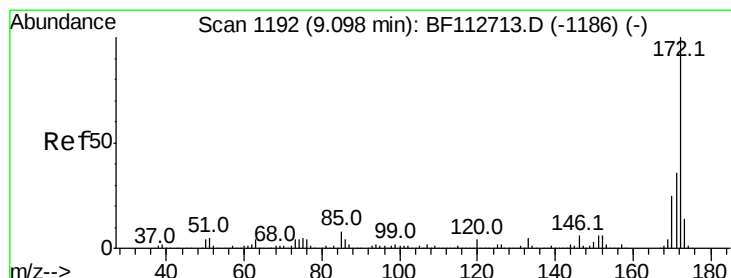
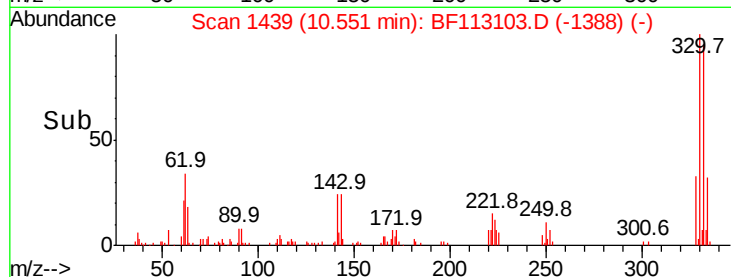
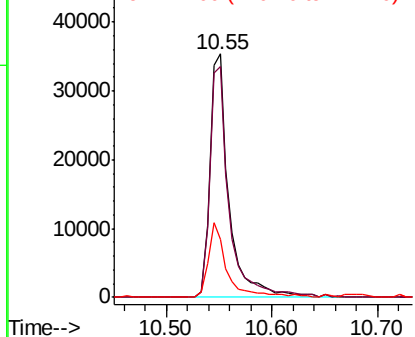


Abundance

Ion 329.80 (329.50 to 330.50): E

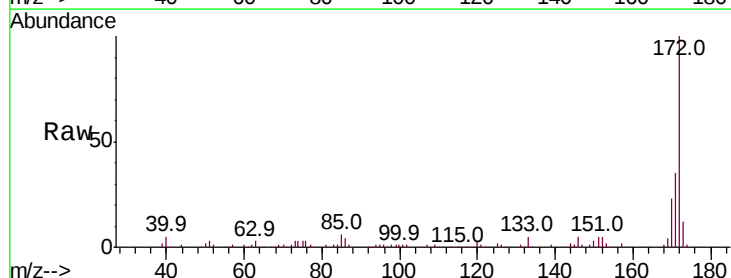
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 9.084 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF113103.D
 Acq: 18 Mar 2019 21:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.0	43.4
170	23.3	20.0	30.0

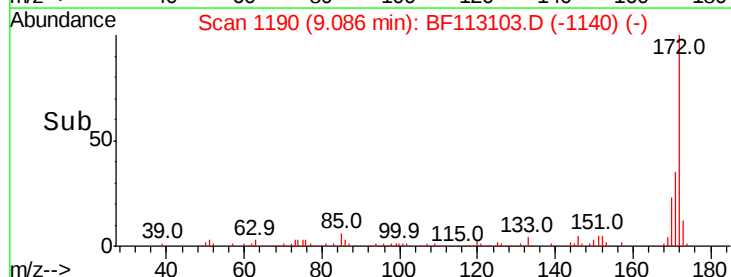
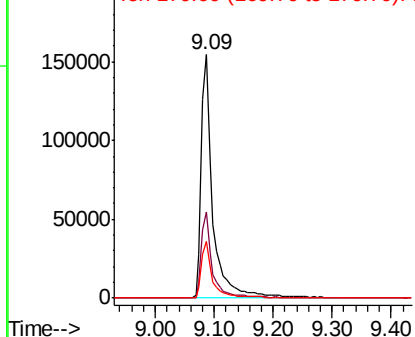


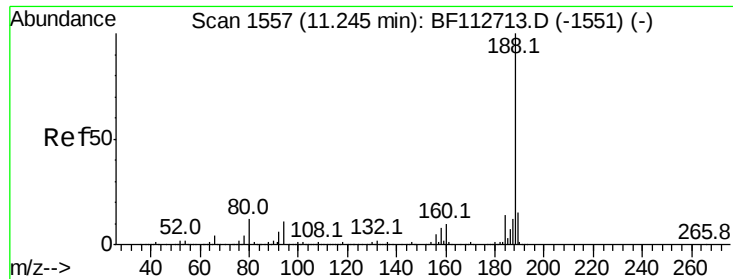
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





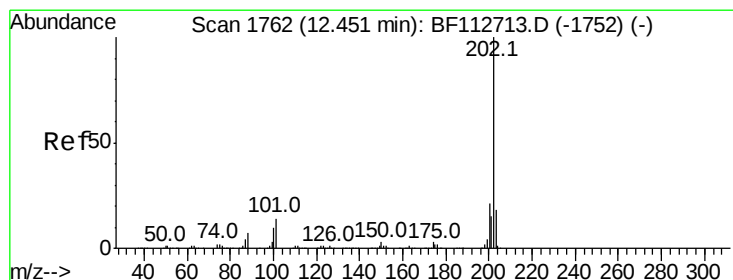
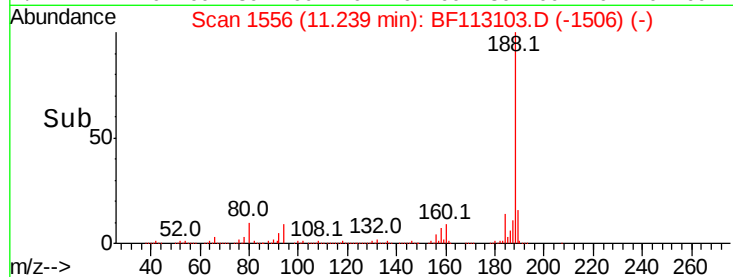
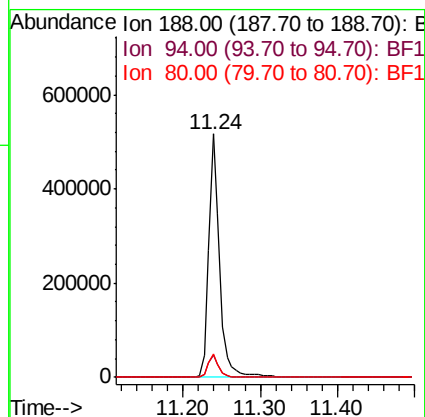
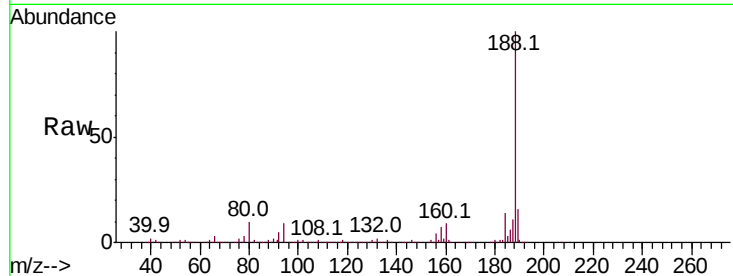
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF113103.D
Acq: 18 Mar 2019 21:06

Instrument :
BNA_F
ClientSampleId :
CL-01-031519-C

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.3	9.0	13.4
80	9.8	9.2	13.8

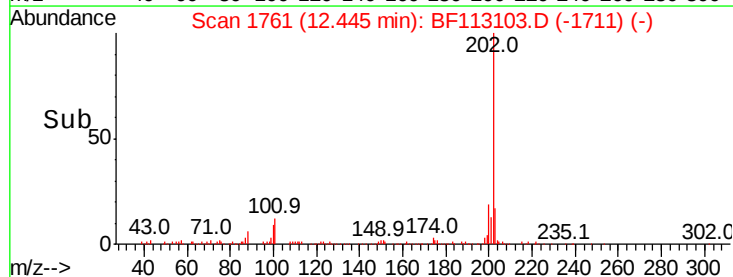
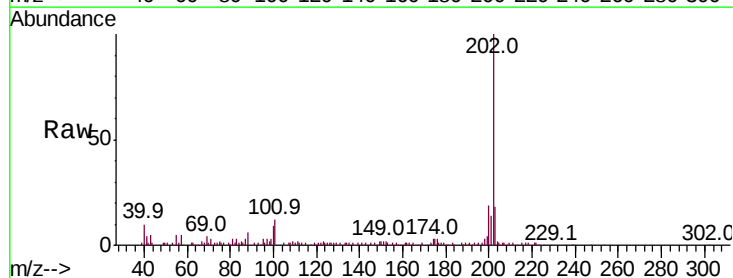
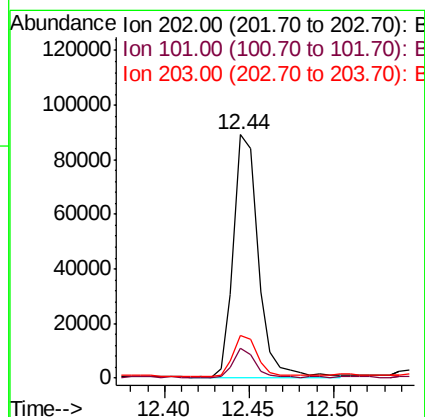
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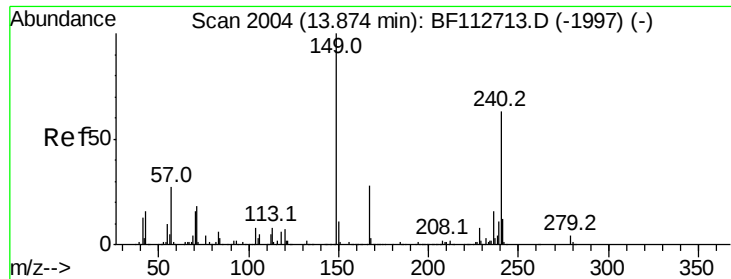
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#75
Fluoranthene
Concen: 3.372 ng
RT: 12.44 min Scan# 1761
Delta R.T. -0.01 min
Lab File: BF113103.D
Acq: 18 Mar 2019 21:06

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	12.3	0.0	33.8
203	17.6	0.0	38.4





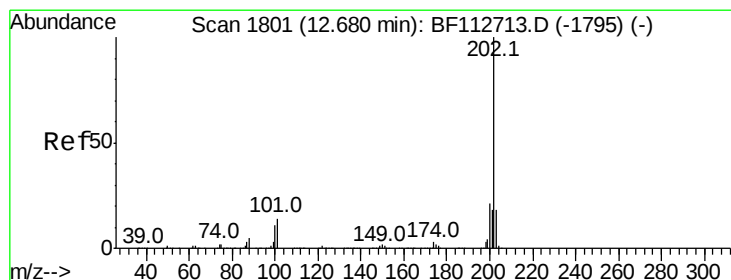
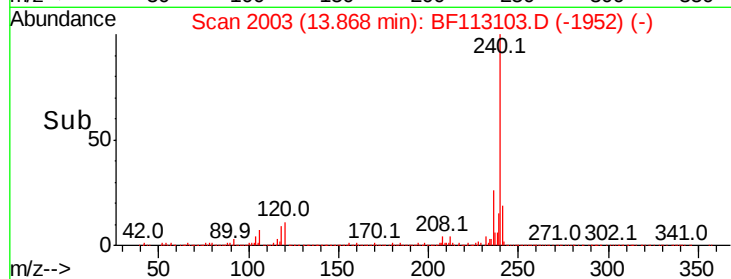
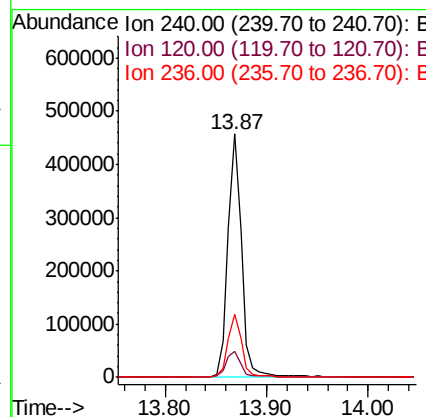
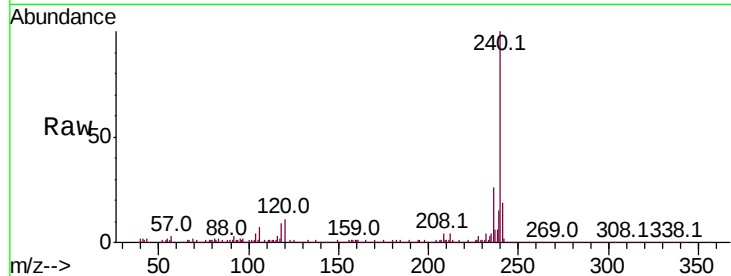
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BF113103.D
Acq: 18 Mar 2019 21:06

Instrument :
BNA_F
ClientSampleId :
CL-01-031519-C

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	10.8	8.9	13.3	
236	26.0	20.7	31.1	

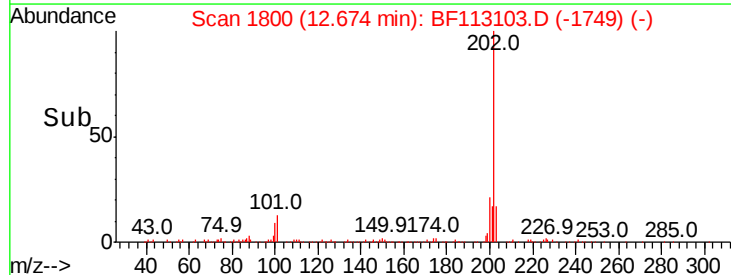
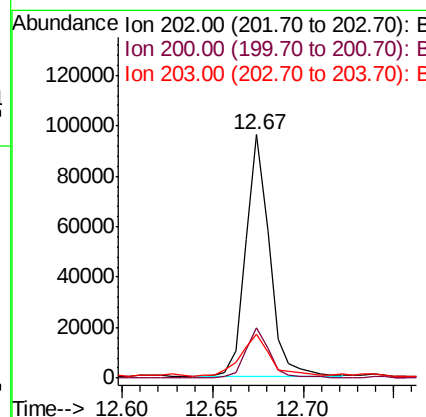
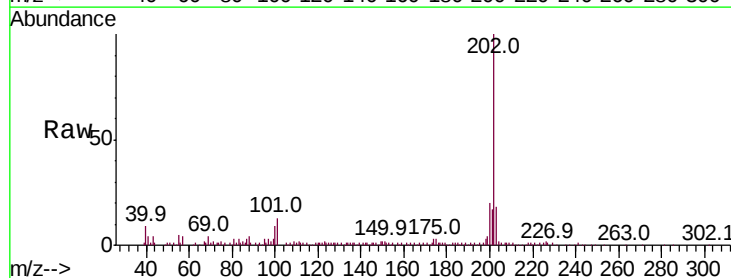
Manual Integrations
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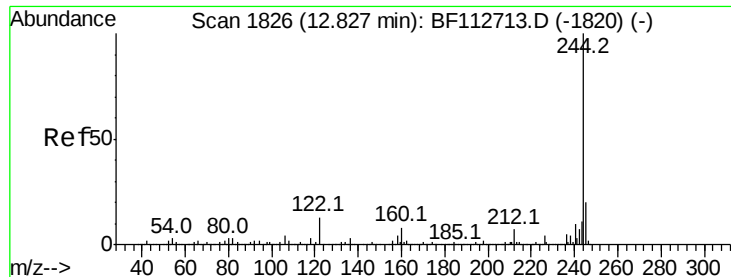
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#78
Pyrene
Concen: 2.453 ng
RT: 12.67 min Scan# 1800
Delta R.T. -0.00 min
Lab File: BF113103.D
Acq: 18 Mar 2019 21:06

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	20.5	17.0	25.4	
203	18.2	14.4	21.6	





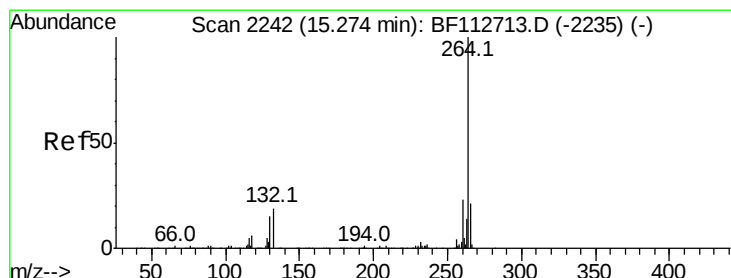
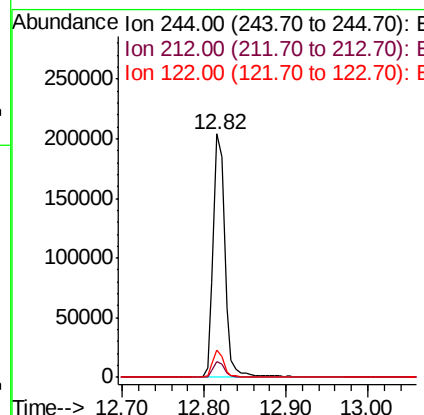
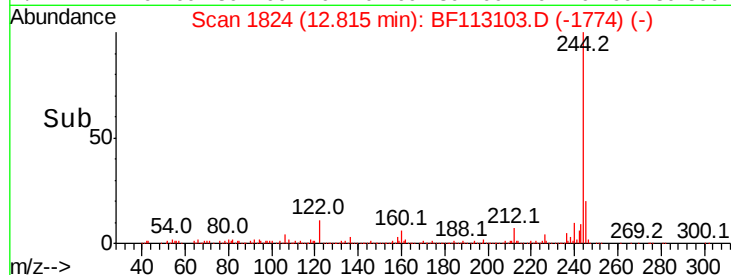
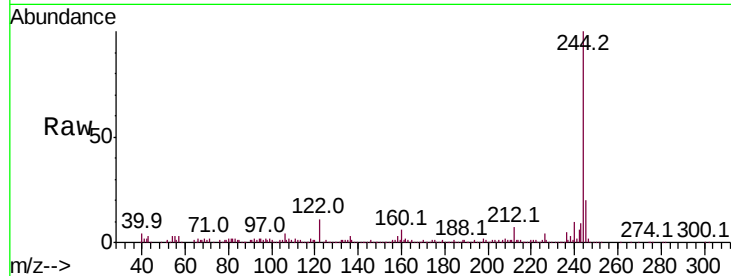
#79
 Terphenyl-d14
 Concen: 9.363 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.01 min
 Lab File: BF113103.D
 Acq: 18 Mar 2019 21:06

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-031519-C

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	6.6	5.6	8.4	
122	11.3	10.5	15.7	

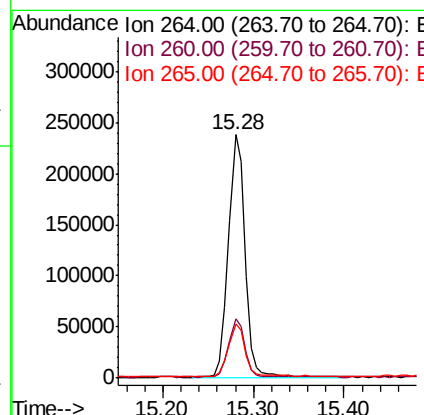
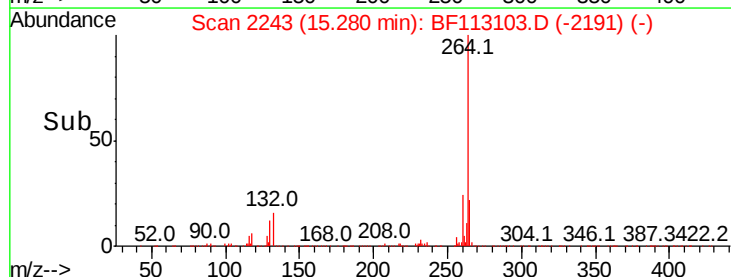
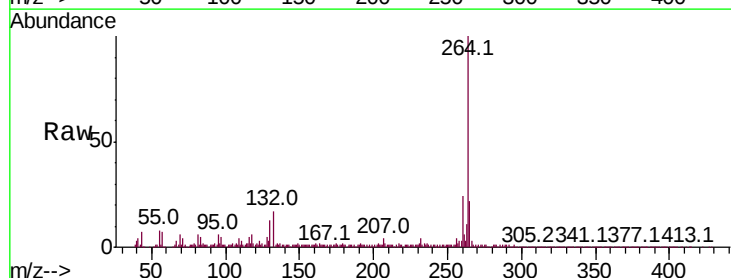
Manual Integrations
 APPROVED

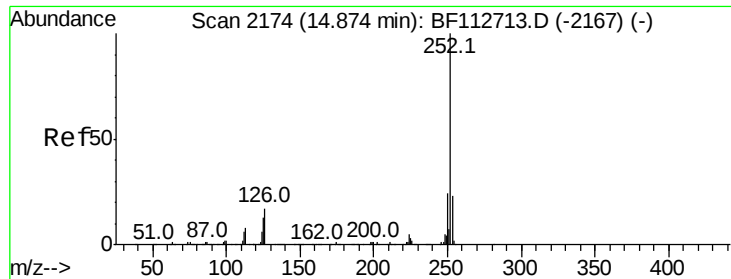
Sohil
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#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.28 min Scan# 2243
 Delta R.T. 0.01 min
 Lab File: BF113103.D
 Acq: 18 Mar 2019 21:06

Tgt Ion	Ratio	Resp	Lower	Upper
264	100			
260	24.1	18.7	28.1	
265	22.4	17.2	25.8	





#88
Benzo(b)fluoranthene
Concen: 2.260 ng/ml
RT: 14.88 min Scan# 2175
Delta R.T. 0.01 min
Lab File: BF113103.D
Acq: 18 Mar 2019 21:06

Instrument :
BNA_F
ClientSampleId :
CL-01-031519-C

Tot Ion	Ratio	Lower	Upper
252	100		
253	32.0	18.0	27.0#
125	26.2	10.2	15.2#

Manual Integrations
APPROVED

Sohil
3/19/2019 5:09:55 PM

