

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012119\
 Data File : BF112162.D
 Acq On : 21 Jan 2019 16:52
 Operator : JU/SJ
 Sample : K1013-05 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-011819-C

Manual Integrations
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 1/22/2019 9:59:09 AM

Quant Time: Jan 21 18:09:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 19 01:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	219361	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	734071	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	287275	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	538281	20.00	ng	-0.01
76) Chrysene-d12	14.02	240	464003	20.00	ng	0.00
87) Perylene-d12	15.49	264	331235	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	257714	21.32	ng	-0.01
7) Phenol-d6	6.49	99	306315	20.26	ng	-0.01
23) Nitrobenzene-d5	7.41	82	161601	15.21	ng	-0.02
42) 2,4,6-Tribromophenol	10.68	330	59984	19.36	ng	-0.01
45) 2-Fluorobiphenyl	9.21	172	307026	15.67	ng	0.00
79) Terphenyl-d14	12.96	244	331104	15.18	ng	-0.01
Target Compounds						
71) Phenanthrene	11.40	178	160413	5.922	ng	97
75) Fluoranthene	12.59	202	197558	6.907	ng	99
78) Pyrene	12.82	202	168169	5.493	ng	97
81) Benzo(a)anthracene	14.01	228	67206	2.526	ng	# 92
83) Chrysene	14.04	228	65631	2.607	ng	# 92
88) Benzo(b)fluoranthene	15.06	252	61559m	3.274	ng	
90) Benzo(a)pyrene	15.43	252	39582	2.296	ng	# 72

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

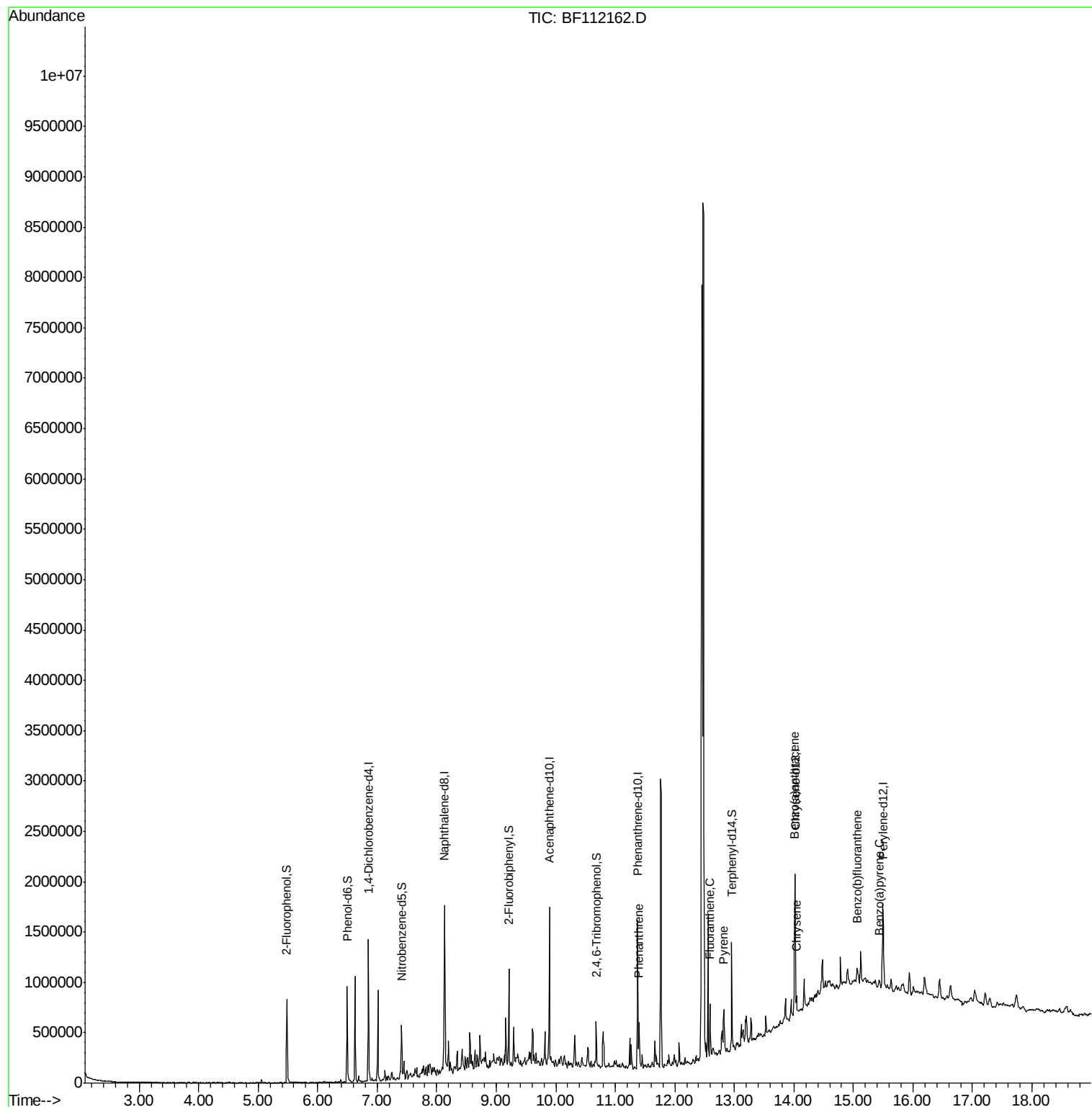
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012119\
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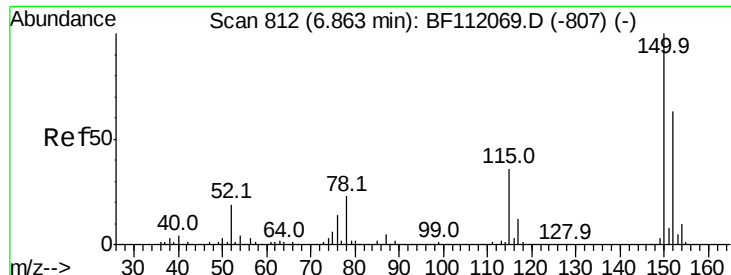
Instrument :
BNA_F
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PL-01-011819-C

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#1

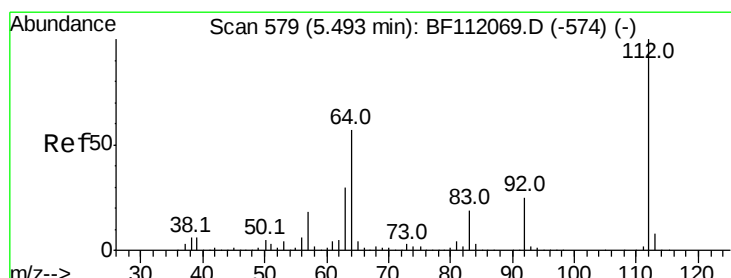
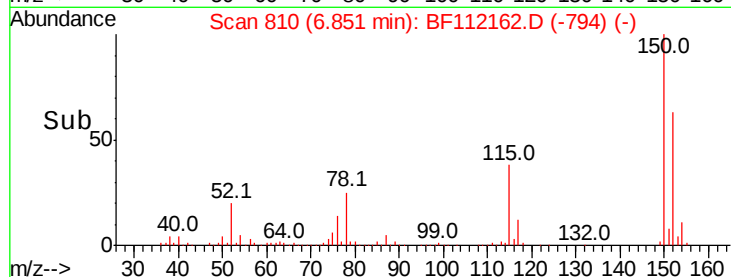
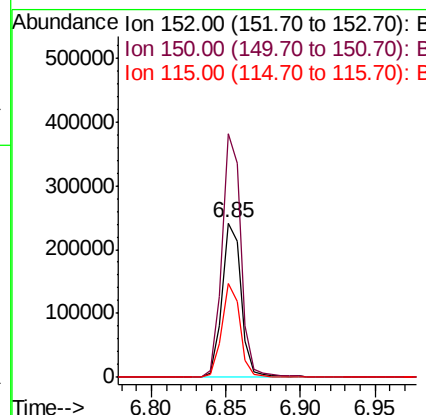
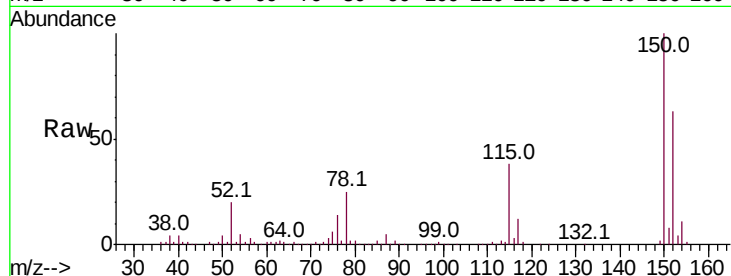
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF112162.D
Acq: 21 Jan 2019 16:52

Instrument :
BNA_F
ClientSampleId :
PL-01-011819-C

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.7	127.4	191.0
115	60.5	45.5	68.3

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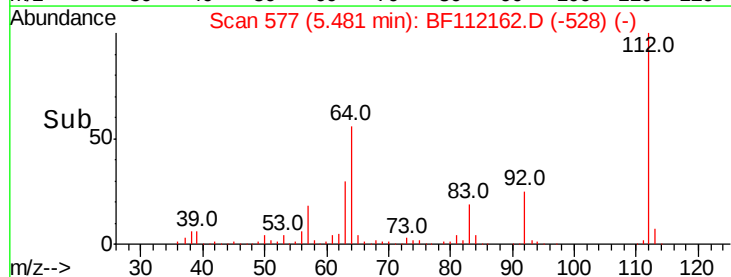
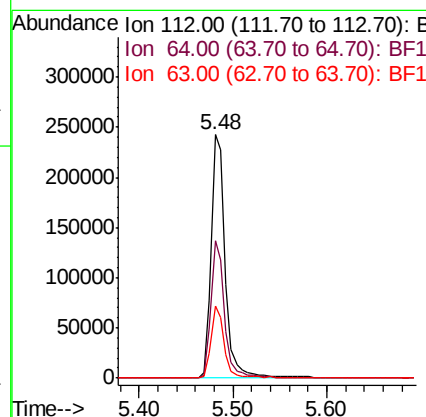
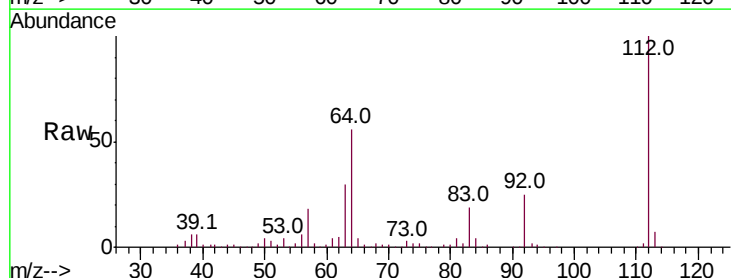
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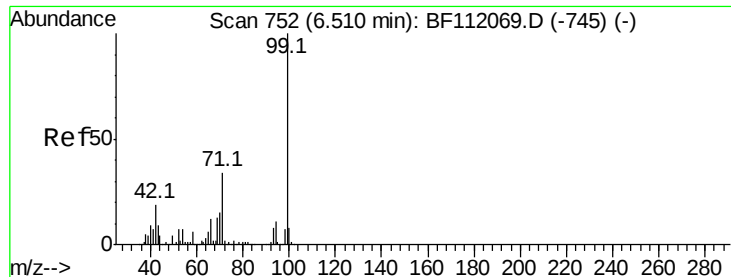


#5

2-Fluorophenol
Concen: 21.324 ng
RT: 5.48 min Scan# 577
Delta R.T. -0.01 min
Lab File: BF112162.D
Acq: 21 Jan 2019 16:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.3	45.7	68.5
63	29.5	23.6	35.4





#7

Phenol-d6

Concen: 20.257 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF112162.D

Acq: 21 Jan 2019 16:52

Instrument :

BNA_F

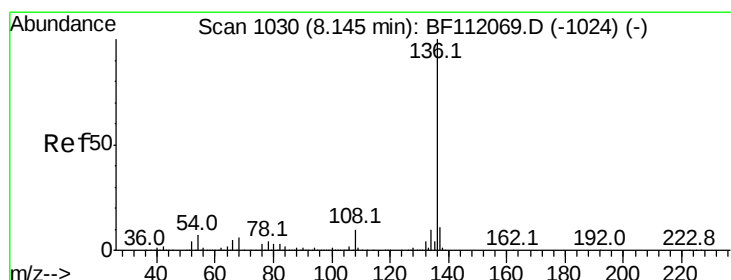
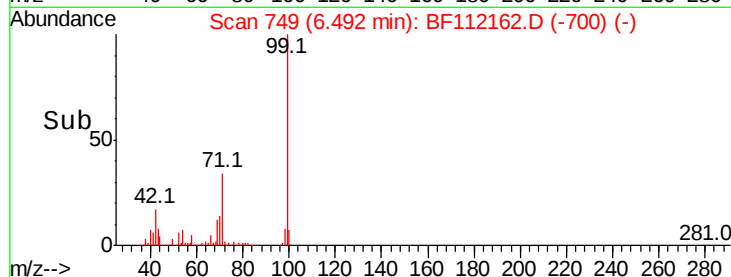
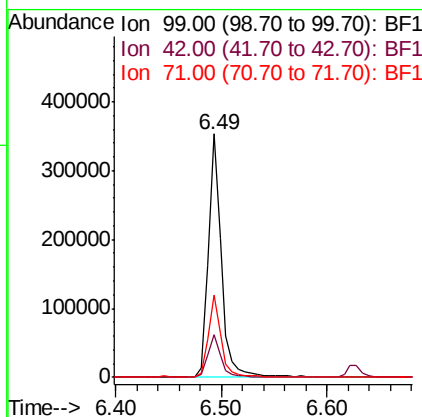
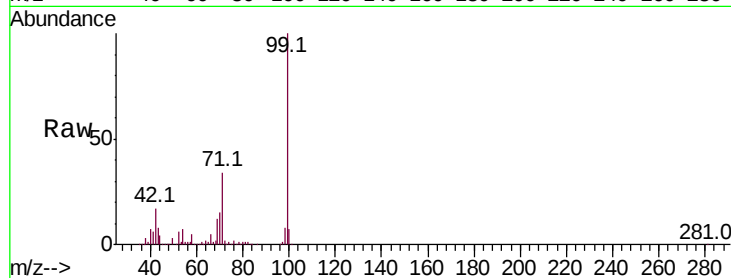
ClientSampleId :

PL-01-011819-C

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		306315		
42	17.4	15.1	22.7		
71	33.7	26.9	40.3		

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#21

Naphthalene-d8

Concen: 20.000 ng

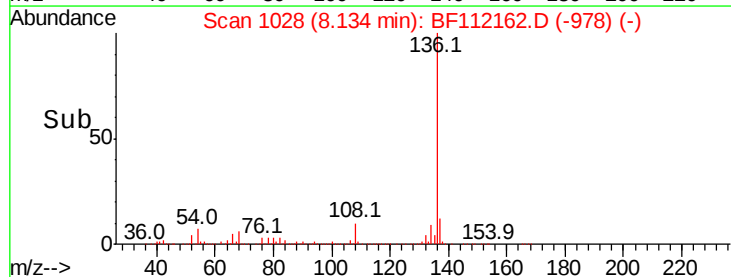
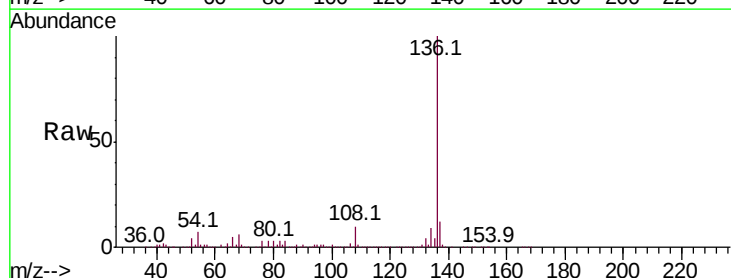
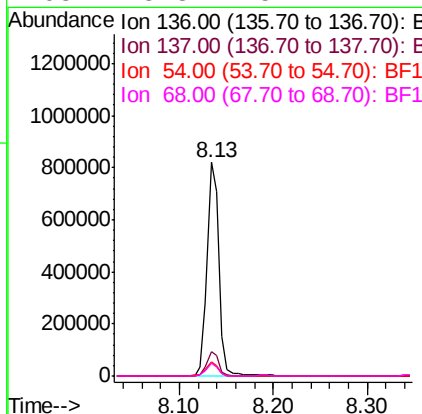
RT: 8.13 min Scan# 1028

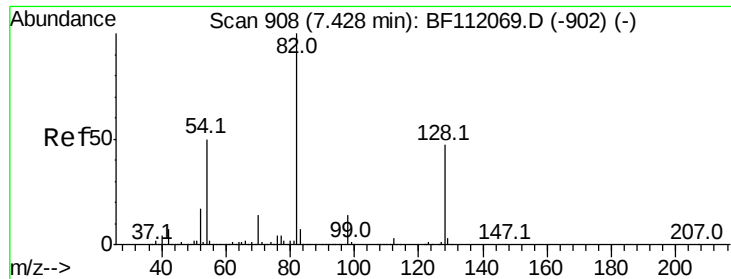
Delta R.T. -0.01 min

Lab File: BF112162.D

Acq: 21 Jan 2019 16:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		734071		
137	11.7	9.1	13.7		
54	6.9	5.9	8.9		
68	5.8	5.1	7.7		





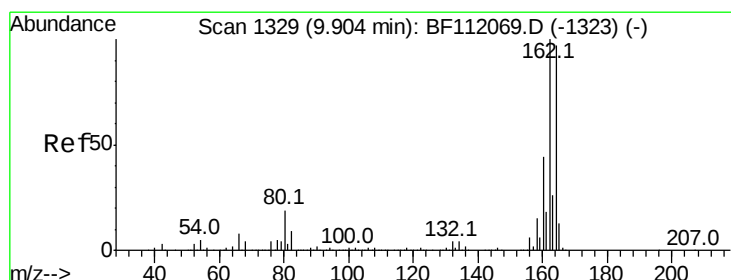
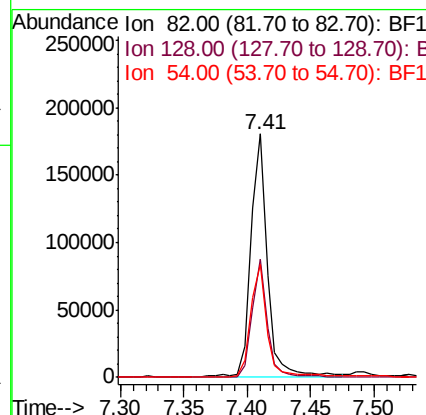
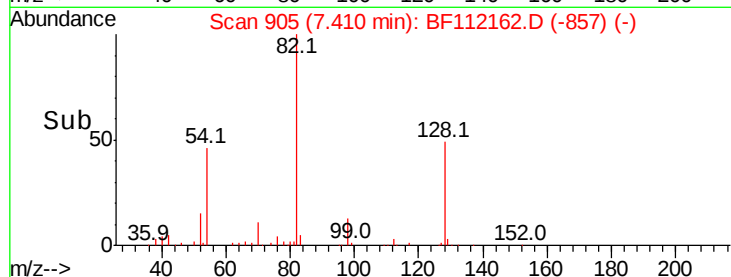
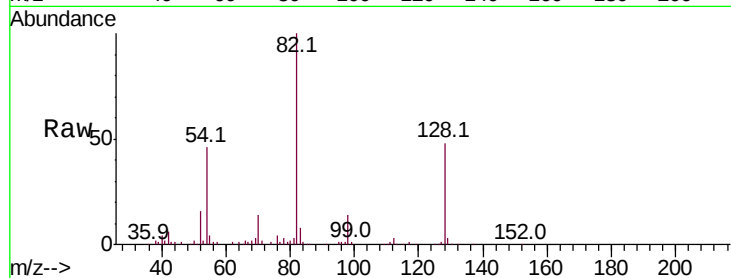
#23
Nitrobenzene-d5
Concen: 15.209 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.02 min
Lab File: BF112162.D
Acq: 21 Jan 2019 16:52

Instrument :
BNA_F
ClientSampleId :
PL-01-011819-C

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.5	37.8	56.8
54	46.4	39.7	59.5

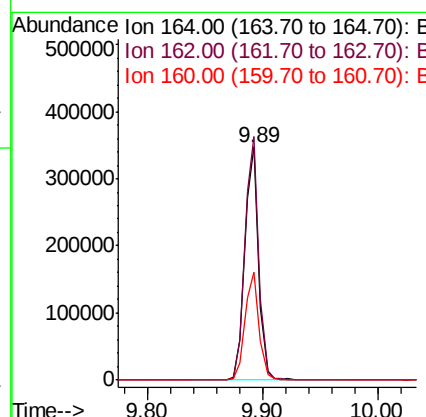
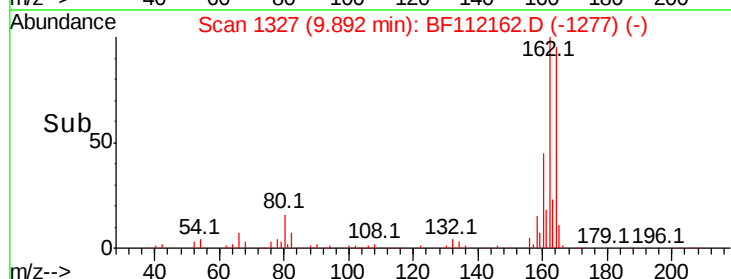
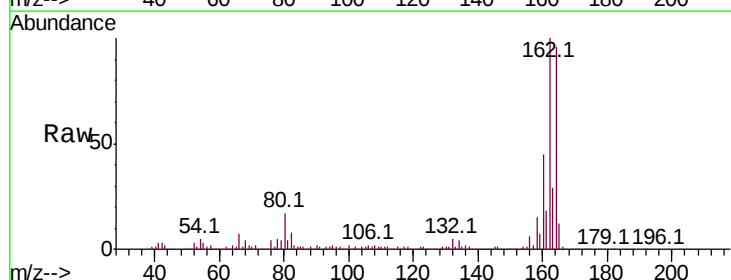
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF112162.D
Acq: 21 Jan 2019 16:52

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.6	82.2	123.4
160	46.6	36.2	54.4





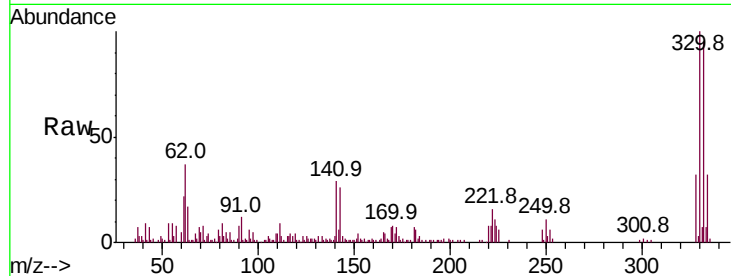
#42
 2,4,6-Tribromophenol
 Concen: 19.356 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF112162.D
 Acq: 21 Jan 2019 16:52

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-011819-C

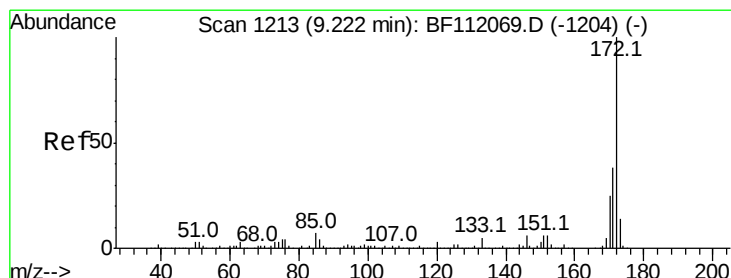
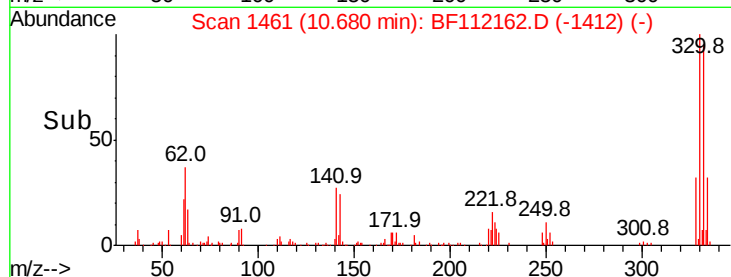
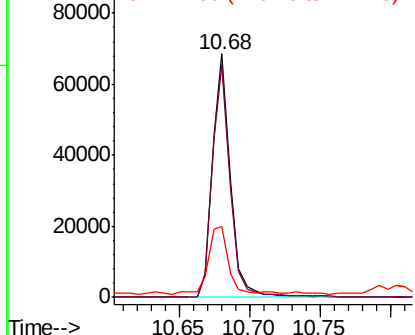
Tot Ion	Ratio	Resp	Lower	Upper
330	100	59984		
332	95.6	76.6	114.8	
141	31.1	24.3	36.5	

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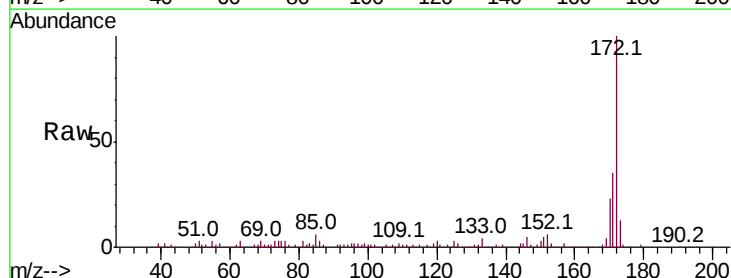


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

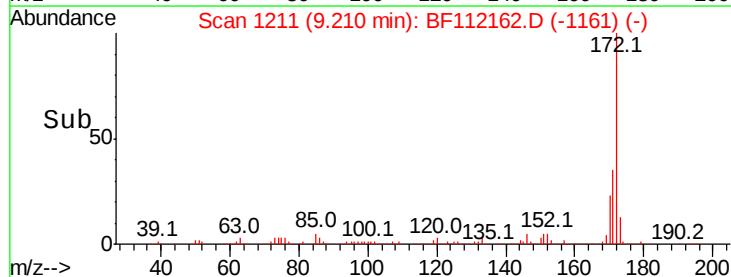
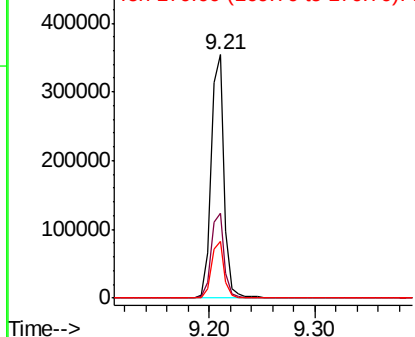


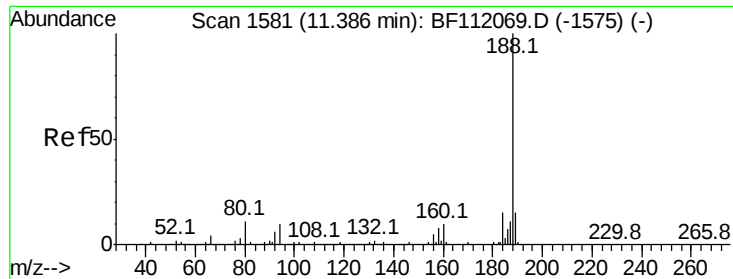
#45
 2-Fluorobiphenyl
 Concen: 15.669 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF112162.D
 Acq: 21 Jan 2019 16:52

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	307026		
171	34.9	30.5	45.7	
170	23.1	20.2	30.4	



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





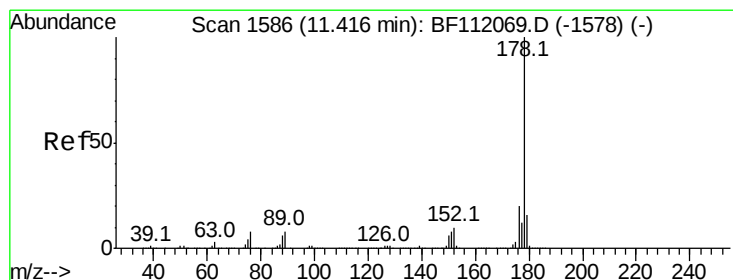
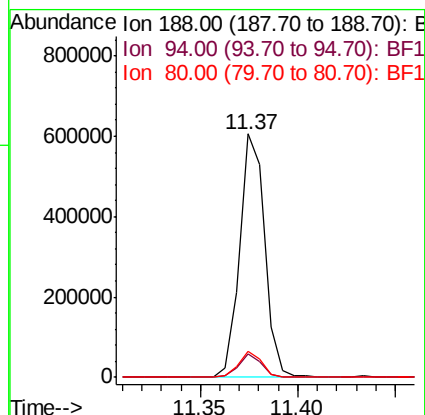
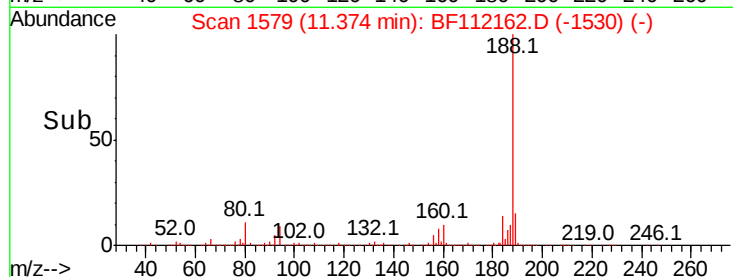
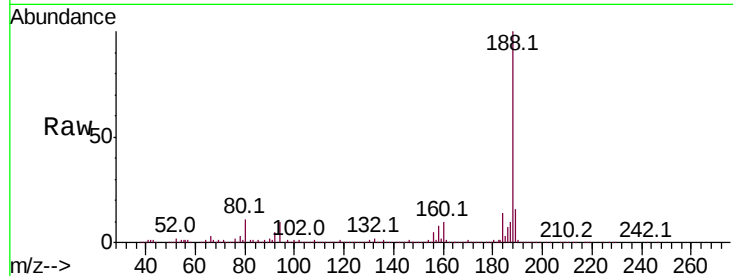
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BF112162.D
Acq: 21 Jan 2019 16:52

Instrument :
BNA_F
ClientSampleId :
PL-01-011819-C

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.5	8.2	12.2
80	10.7	8.9	13.3

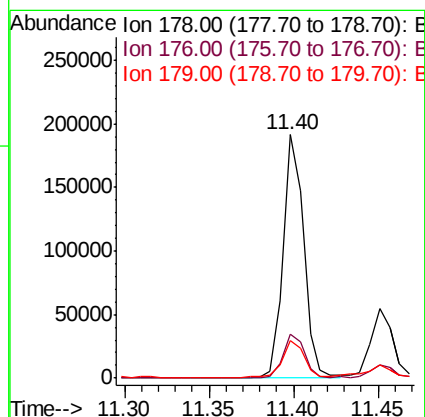
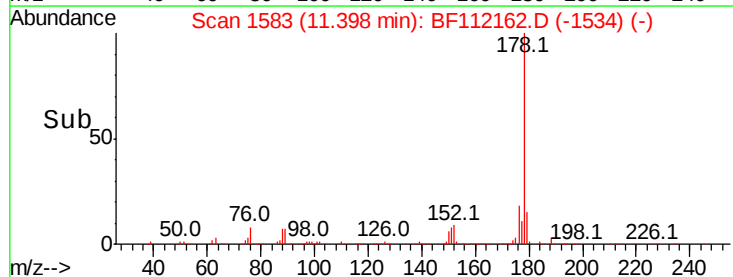
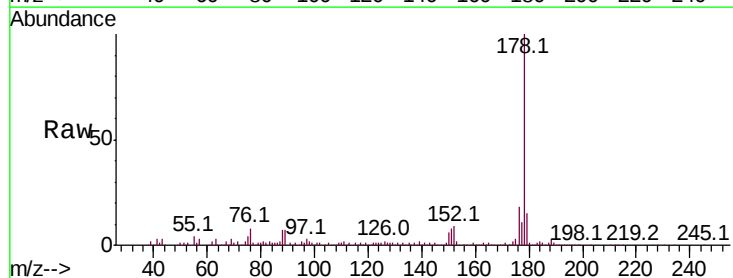
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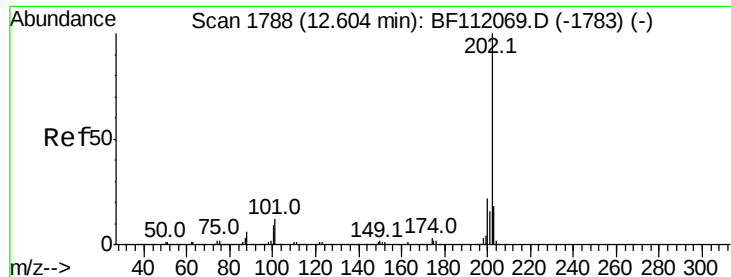
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#71
Phenanthrene
Concen: 5.922 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF112162.D
Acq: 21 Jan 2019 16:52

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	18.3	16.3	24.5
179	15.3	13.0	19.4





#75

Fluoranthene

Concen: 6.907 ng

RT: 12.59 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BF112162.D

Acq: 21 Jan 2019 16:52

Instrument :

BNA_F

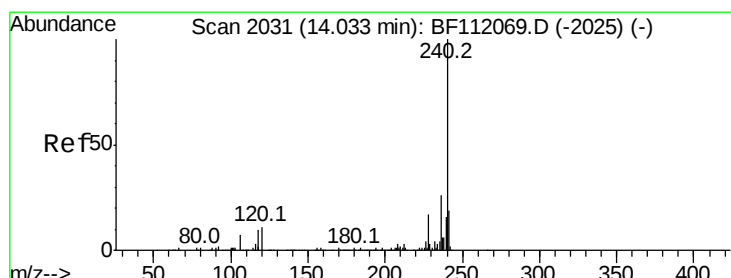
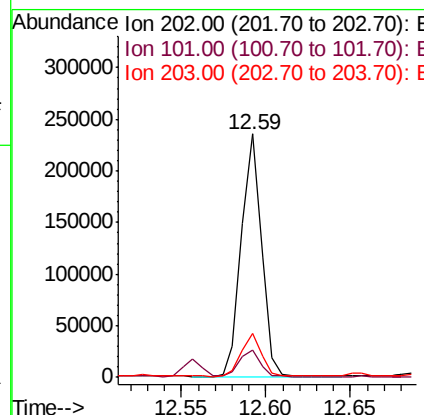
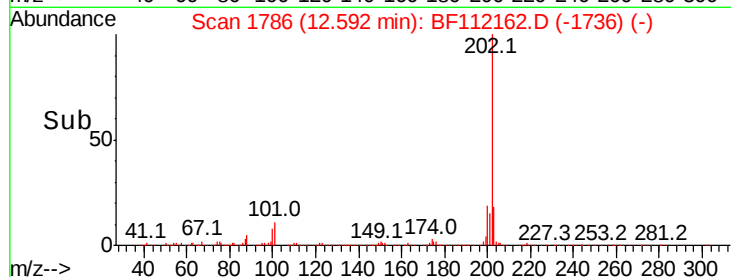
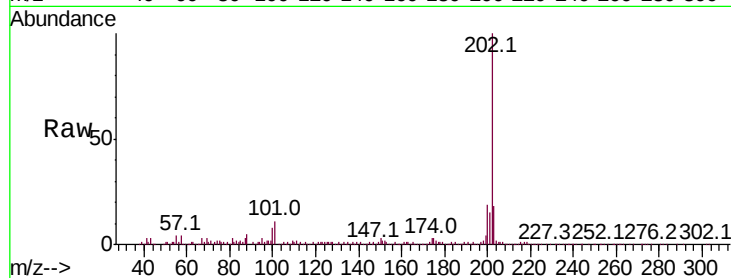
ClientSampleId :

PL-01-011819-C

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.0	0.0	31.8
203	18.0	0.0	38.4

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

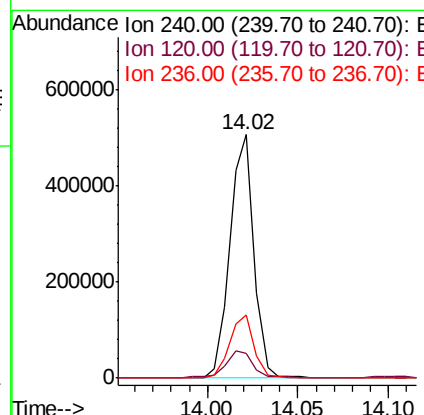
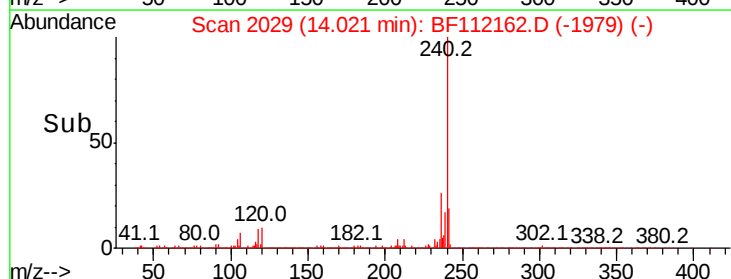
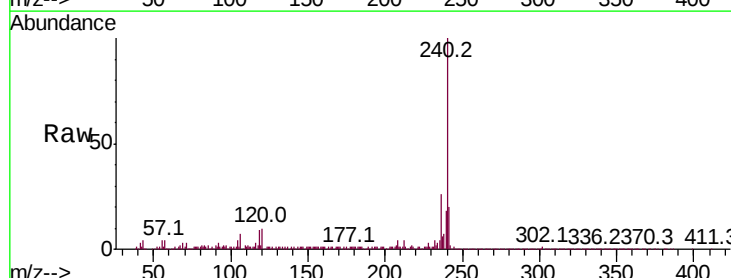
RT: 14.02 min Scan# 2029

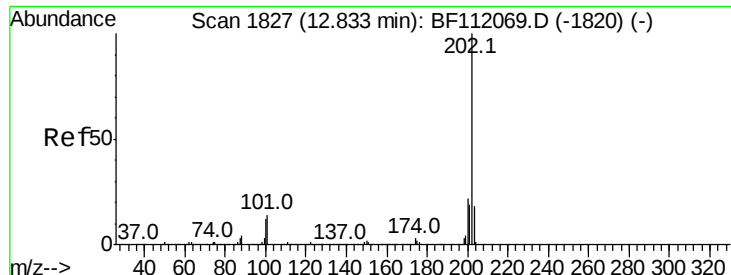
Delta R.T. -0.01 min

Lab File: BF112162.D

Acq: 21 Jan 2019 16:52

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.1	9.0	13.6
236	26.0	20.7	31.1





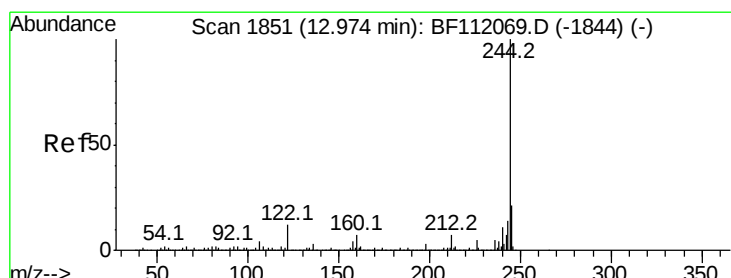
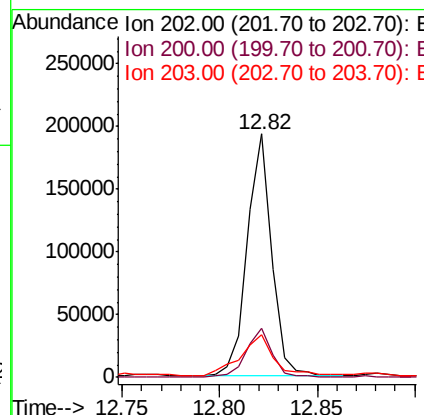
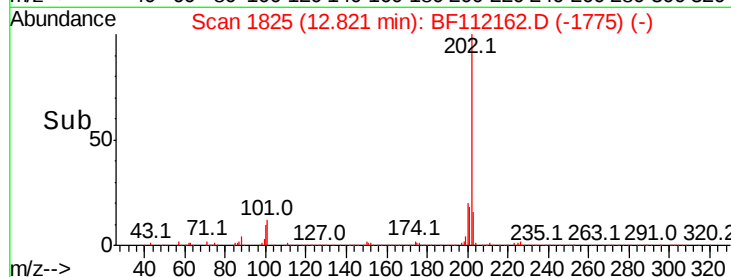
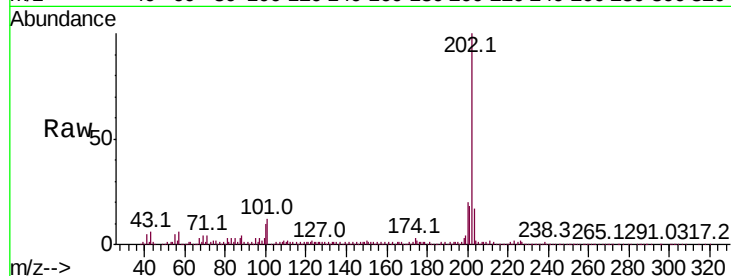
#78
Pvrene
Concen: 5.493 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF112162.D
Acq: 21 Jan 2019 16:52

Instrument :
BNA_F
ClientSampleId :
PL-01-011819-C

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.2	17.7	26.5
203	17.3	14.6	22.0

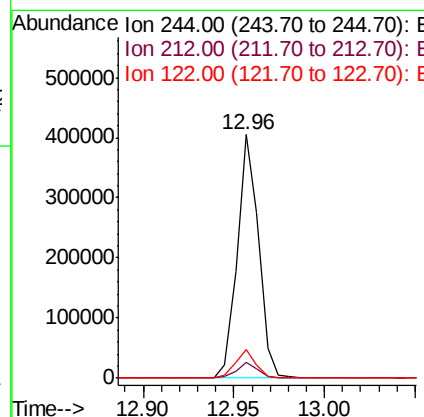
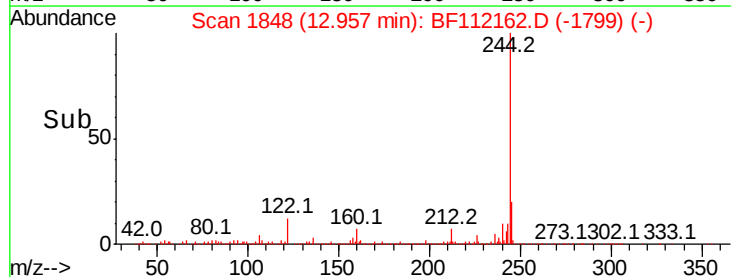
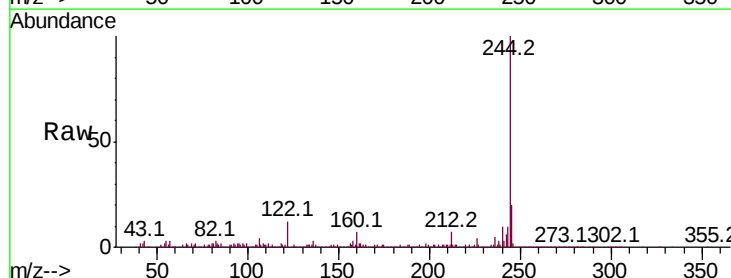
Manual Integrations
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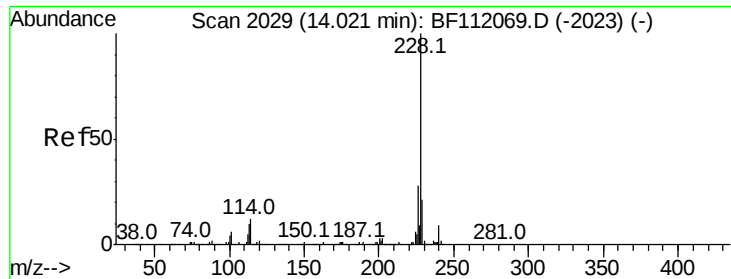
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#79
Terphenyl-d14
Concen: 15.181 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BF112162.D
Acq: 21 Jan 2019 16:52

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.6	5.9	8.9
122	12.0	9.8	14.6





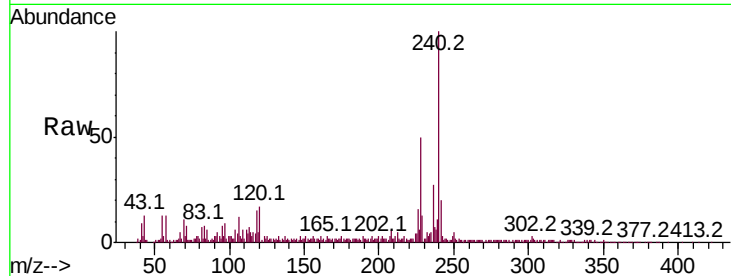
#81
Benzo(a)anthracene
Concen: 2.526 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF112162.D
Acq: 21 Jan 2019 16:52

Instrument :
BNA_F
ClientSampleId :
PL-01-011819-C

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.9	22.6	34.0
229	25.1	16.5	24.7

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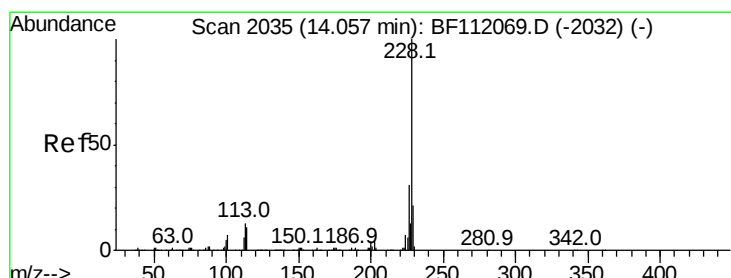
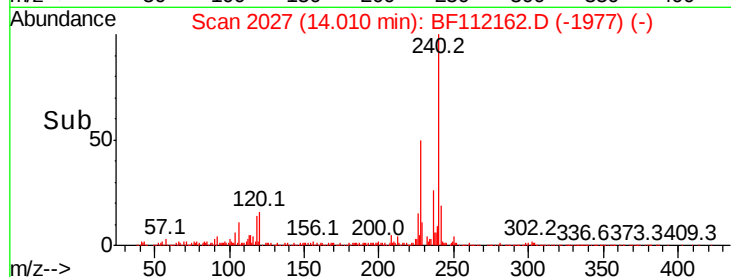
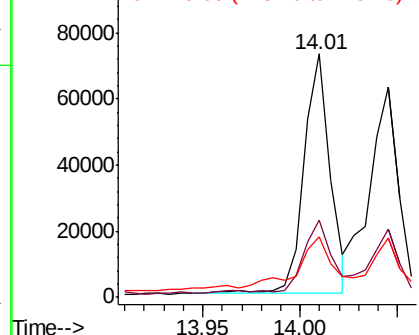


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83
Chrysene
Concen: 2.607 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF112162.D
Acq: 21 Jan 2019 16:52

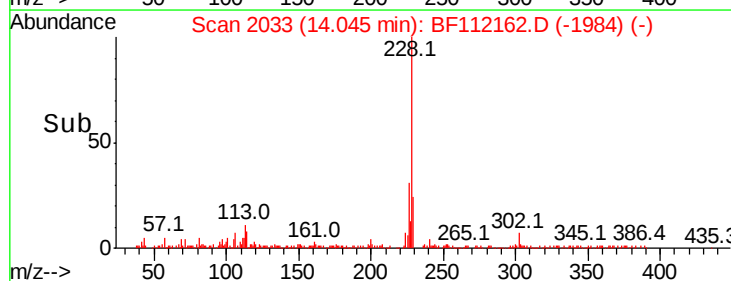
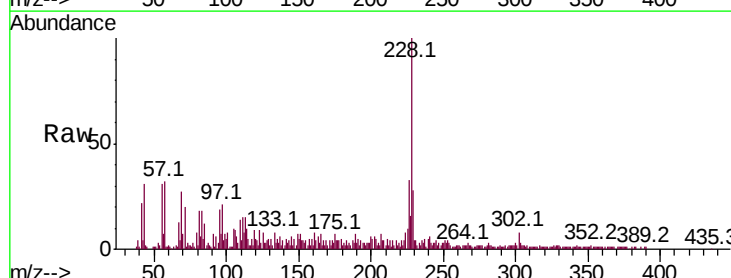
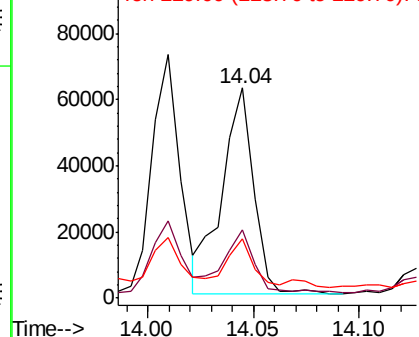
Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.7	25.0	37.6
229	28.0	16.6	24.8

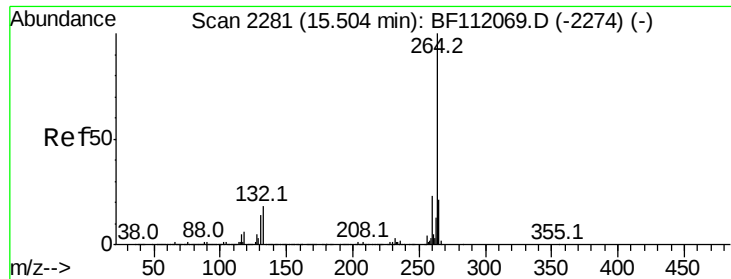
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2279

Delta R.T. -0.01 min

Lab File: BF112162.D

Acq: 21 Jan 2019 16:52

Instrument :

BNA_F

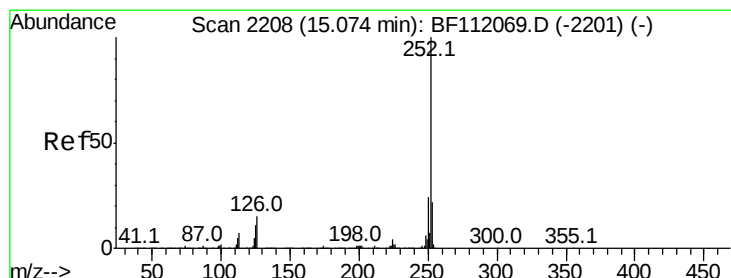
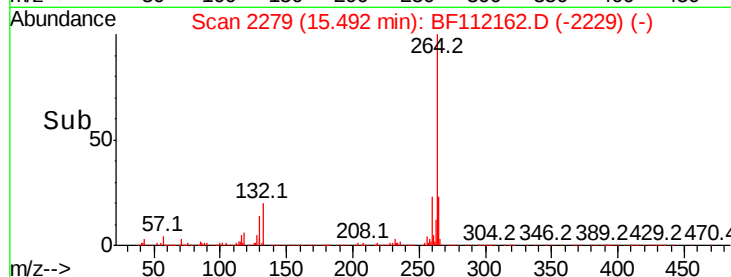
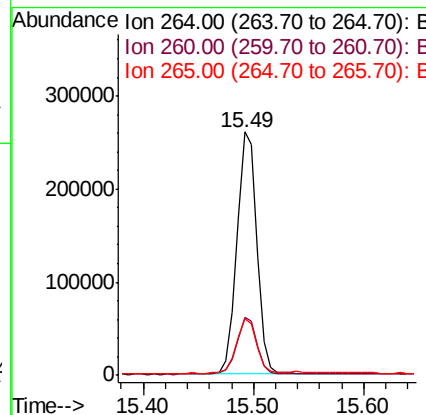
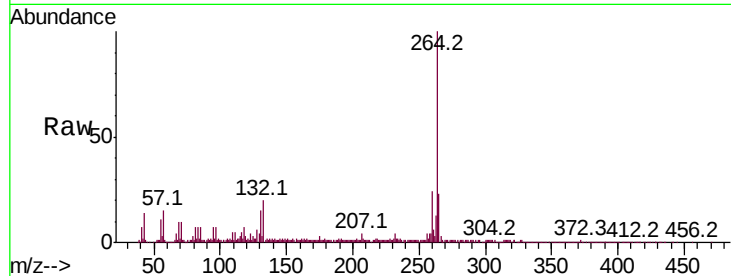
ClientSampleId :

PL-01-011819-C

Tot Ion:	264	Resp:	331235
Ion Ratio	Lower	Upper	
264	100		
260	23.8	18.2	27.2
265	23.3	17.0	25.4

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#88

Benzo(b)fluoranthene

Concen: 3.274 ng m

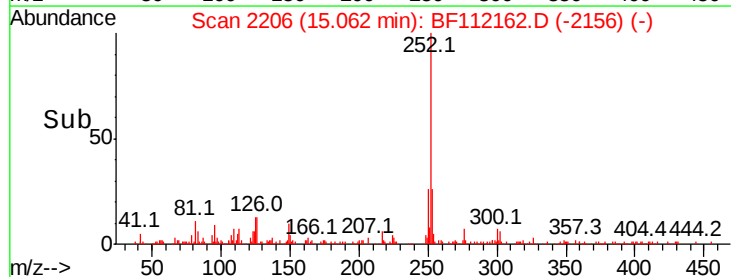
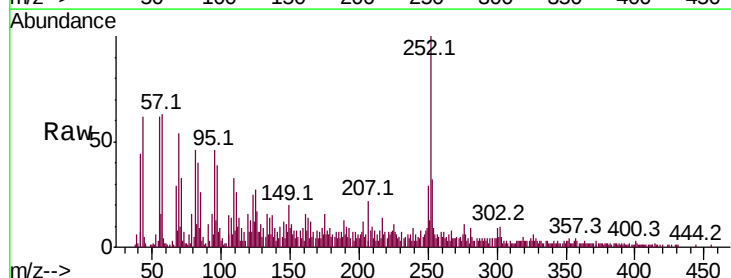
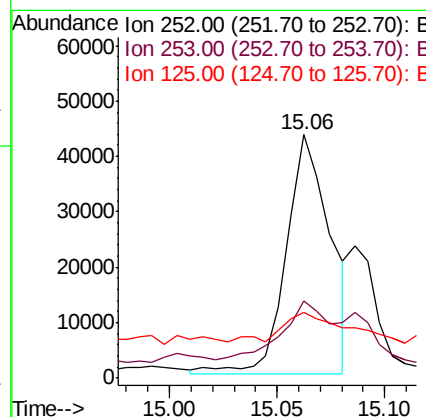
RT: 15.06 min Scan# 2206

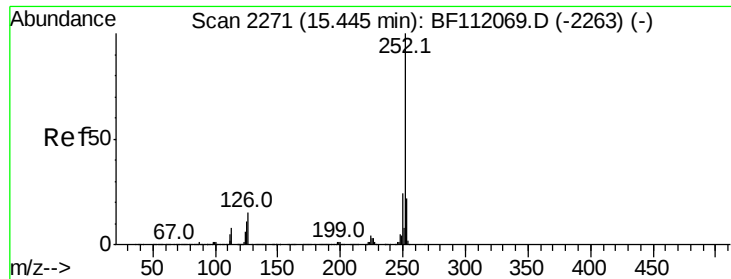
Delta R.T. -0.01 min

Lab File: BF112162.D

Acq: 21 Jan 2019 16:52

Tgt Ion:	252	Resp:	61559
Ion Ratio	Lower	Upper	
252	100		
253	32.0	18.0	27.0#
125	27.0	8.7	13.1#





#90
 Benzo(a)pyrene
 Concen: 2.296 ng
 RT: 15.43 min Scan# 2268
 Delta R.T. -0.01 min
 Lab File: BF112162.D
 Acq: 21 Jan 2019 16:52

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-011819-C

Tot Ion	Ratio	Lower	Upper
252	100		
253	30.6	17.5	26.3#
125	29.5	9.0	13.4#

Manual Integrations
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Sohil
 1/22/2019 9:59:09 AM

