

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021319\
 Data File : BF112536.D
 Acq On : 13 Feb 2019 13:56
 Operator : JU/SJ
 Sample : K1343-03 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-021119-B

Manual Integrations
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Sohil
 2/14/2019 11:36:13 AM

Quant Time: Feb 14 06:23:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	91324	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	336620	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	148360	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	265866	20.00	ng	0.00
76) Chrysene-d12	14.02	240	255369	20.00	ng	0.00
87) Perylene-d12	15.50	264	209468	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	149584	34.79	ng	0.00
7) Phenol-d6	6.49	99	180477	30.21	ng	0.00
23) Nitrobenzene-d5	7.40	82	108562	18.58	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	46043	26.66	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	214363	20.44	ng	-0.02
79) Terphenyl-d14	12.95	244	211295	15.58	ng	0.00
Target Compounds						
71) Phenanthrene	11.39	178	31612	2.287	ng	96
75) Fluoranthene	12.59	202	65473	4.416	ng	96
78) Pyrene	12.82	202	57225	3.237	ng	100
81) Benzo(a)anthracene	14.00	228	33073	2.203	ng	96
88) Benzo(b)fluoranthene	15.06	252	28532m	2.278	ng	
90) Benzo(a)pyrene	15.44	252	22991	2.040	ng	# 79

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

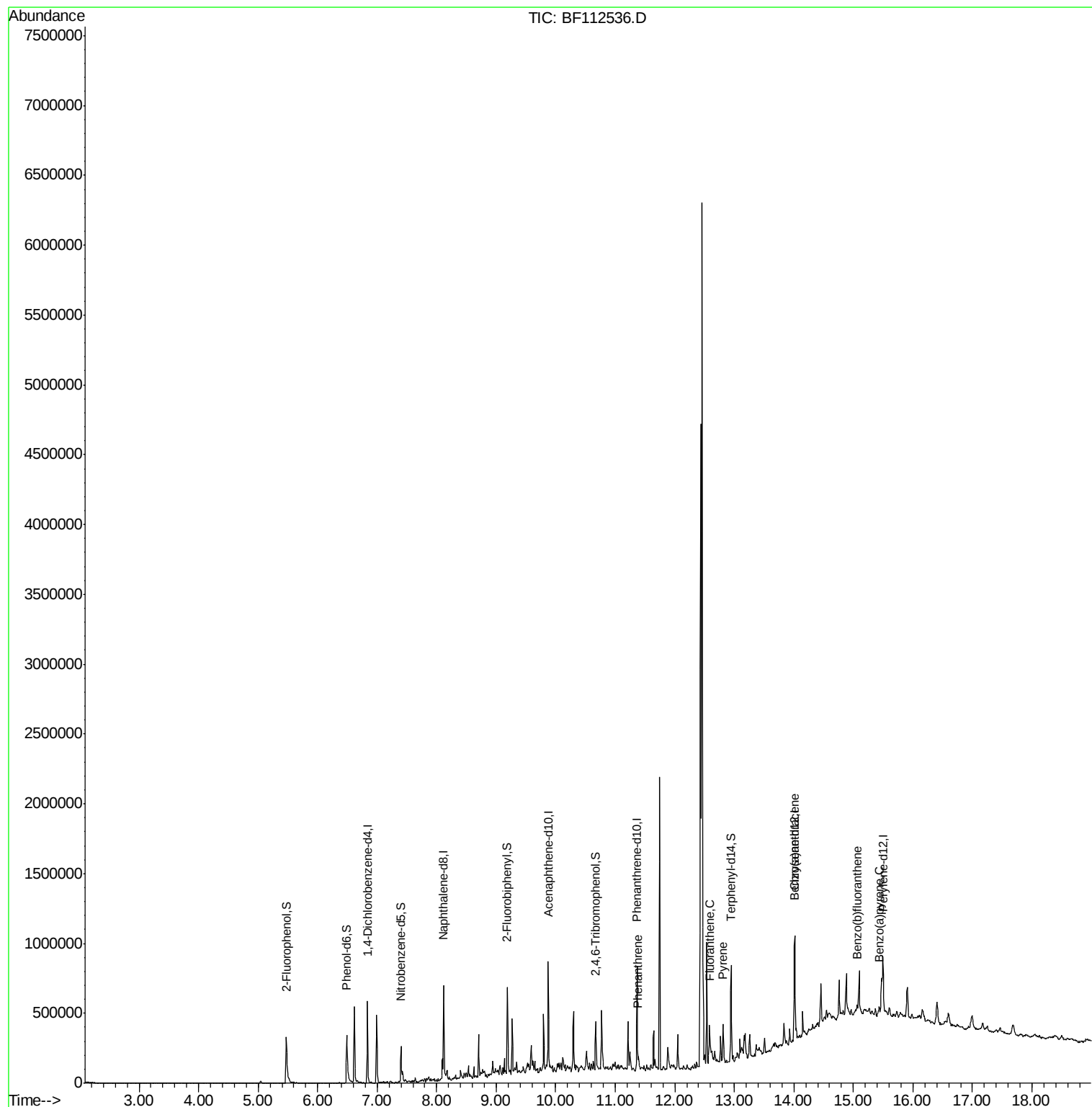
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021319\
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Sample : K1343-03 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

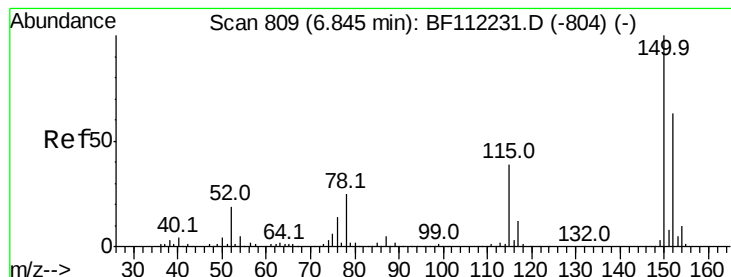
Instrument :
BNA_F
ClientSampleId :
JC-02-021119-B

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#1

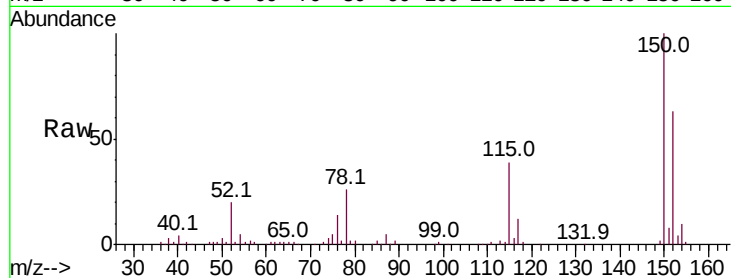
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112536.D
Acq: 13 Feb 2019 13:56

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	127.4	191.0
115	60.9	45.5	68.3

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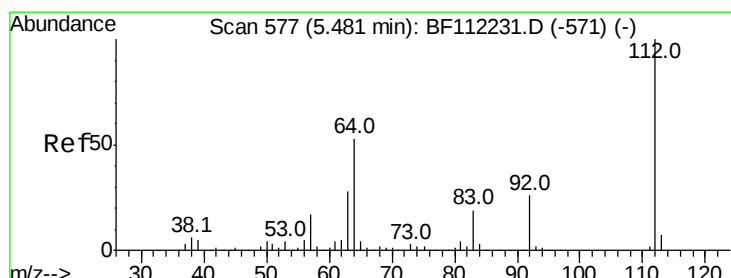
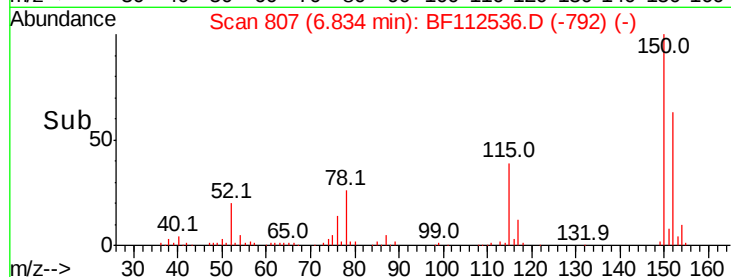
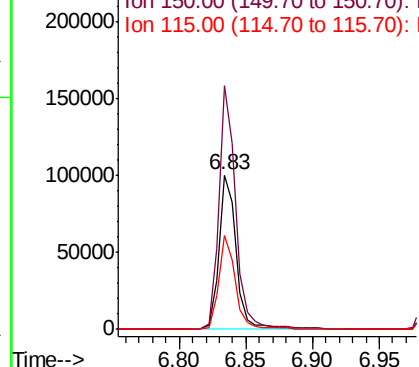


Abundance

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: 34.791 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF112536.D
Acq: 13 Feb 2019 13:56

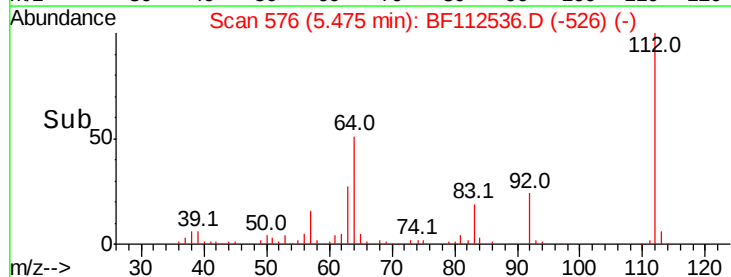
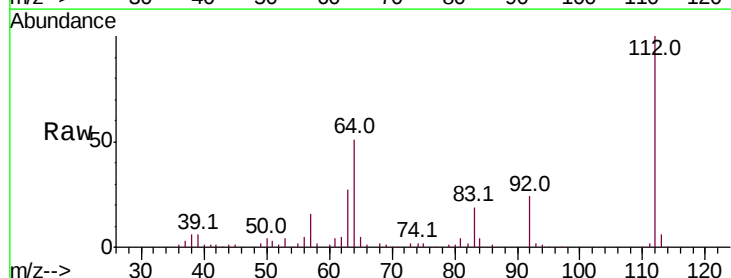
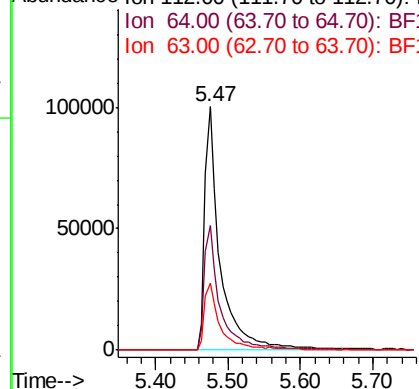
Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.2	45.7	68.5
63	27.3	23.6	35.4

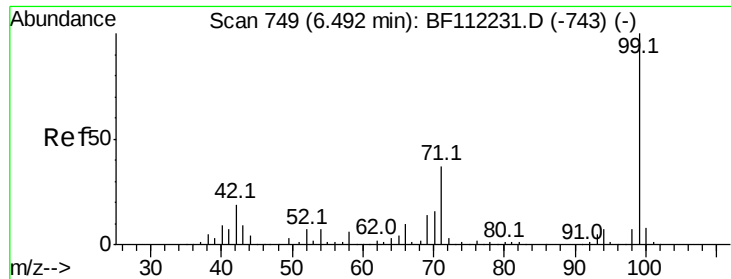
Abundance

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: 30.209 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112536.D

Acq: 13 Feb 2019 13:56

Instrument :

BNA_F

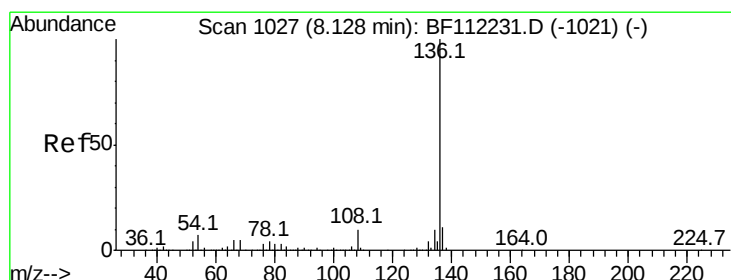
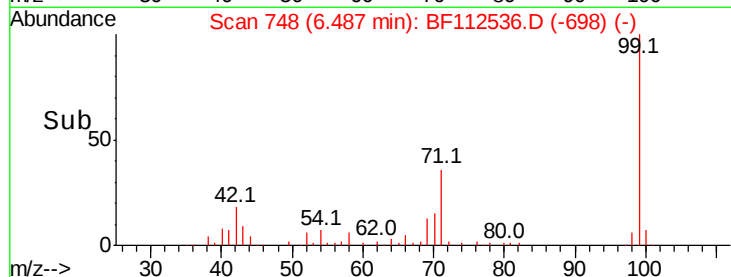
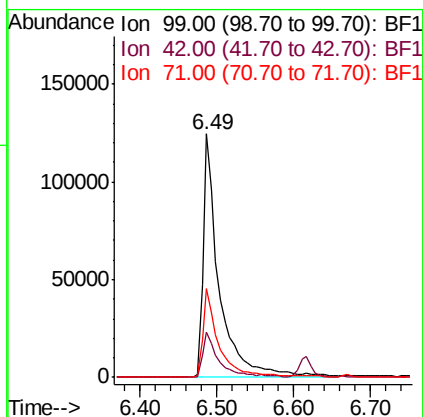
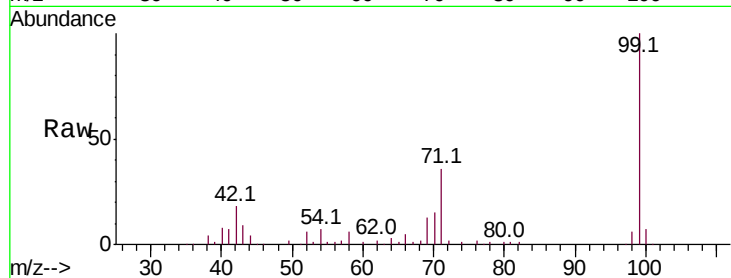
ClientSampleId :

JC-02-021119-B

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		180477		
42	18.4	15.1	22.7		
71	36.3	26.9	40.3		

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#21

Naphthalene-d8

Concen: 20.000 ng

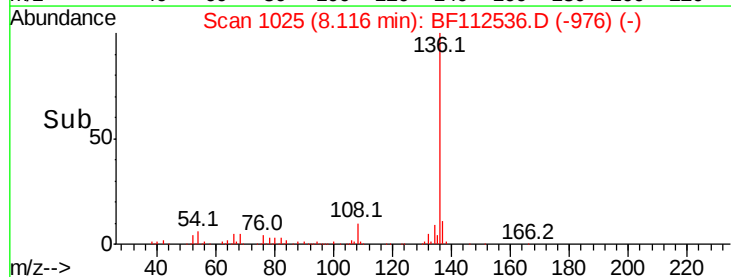
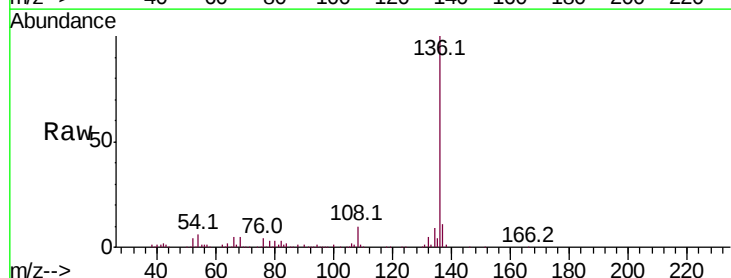
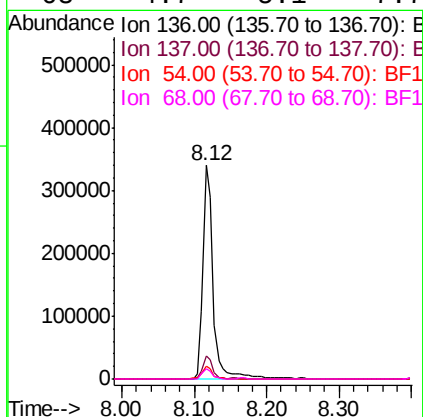
RT: 8.12 min Scan# 1025

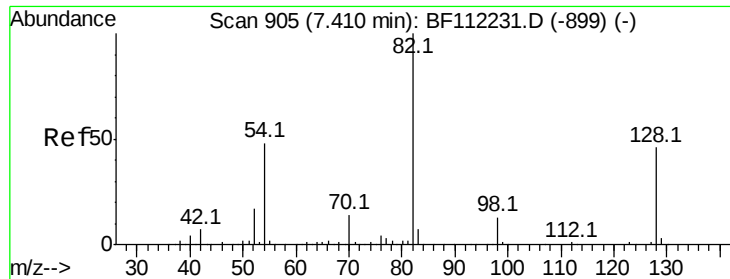
Delta R.T. -0.01 min

Lab File: BF112536.D

Acq: 13 Feb 2019 13:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		336620		
137	11.0	9.1	13.7		
54	6.1	5.9	8.9		
68	4.7	5.1	7.7#		





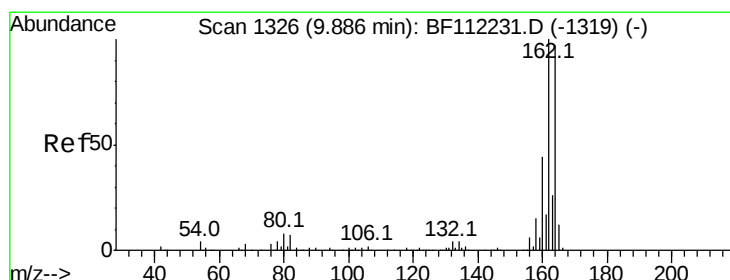
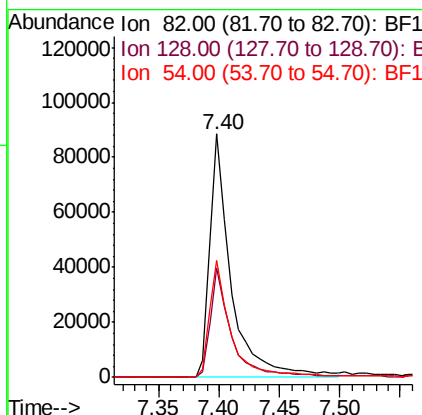
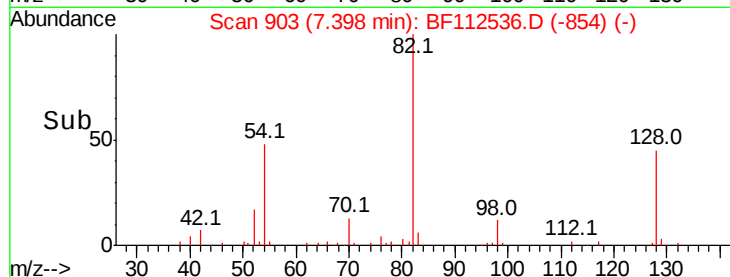
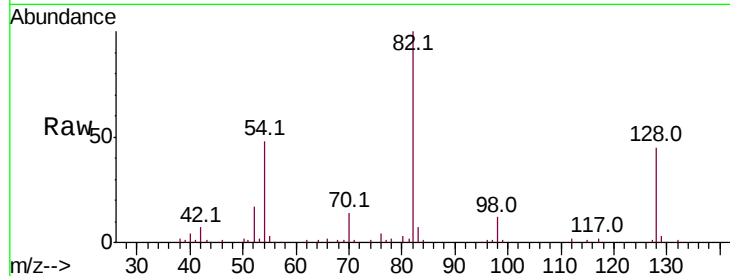
#23
 Nitrobenzene-d5
 Concen: 18.583 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF112536.D
 Acq: 13 Feb 2019 13:56

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-021119-B

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.9	37.8	56.8
54	48.1	39.7	59.5

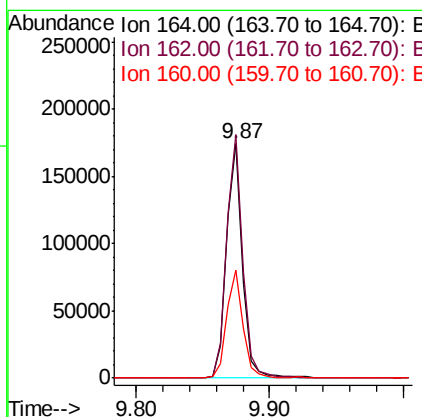
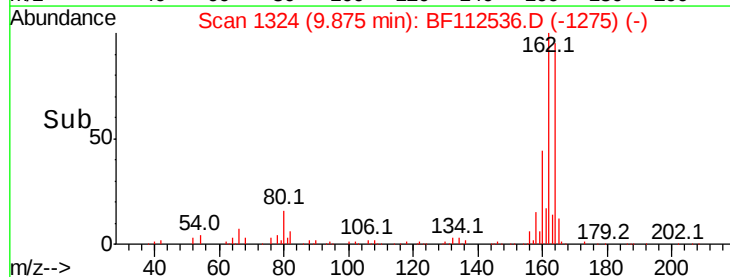
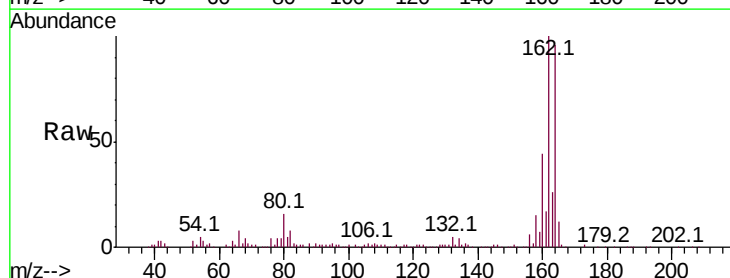
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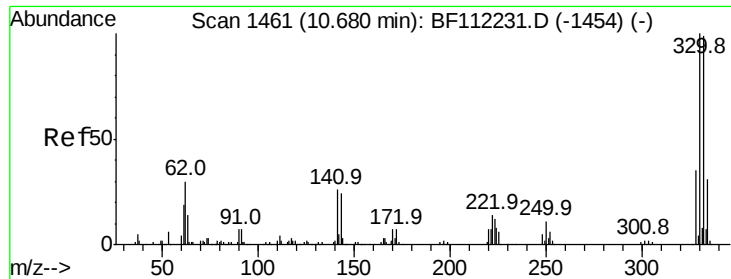
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF112536.D
 Acq: 13 Feb 2019 13:56

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.9	82.2	123.4
160	46.0	36.2	54.4





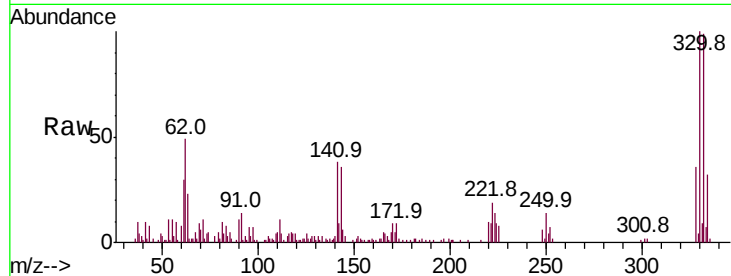
#42
 2,4,6-Tribromophenol
 Concen: 26.663 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF112536.D
 Acq: 13 Feb 2019 13:56

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-021119-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.6	114.8
141	33.7	24.3	36.5

Manual Integrations
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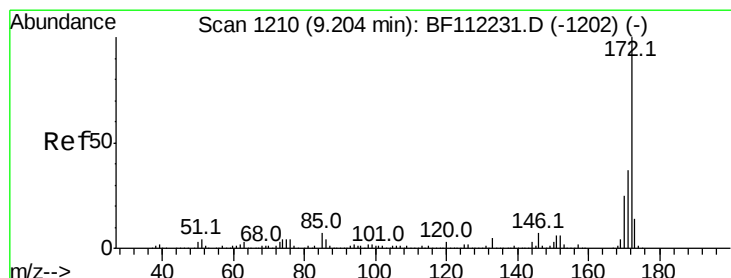
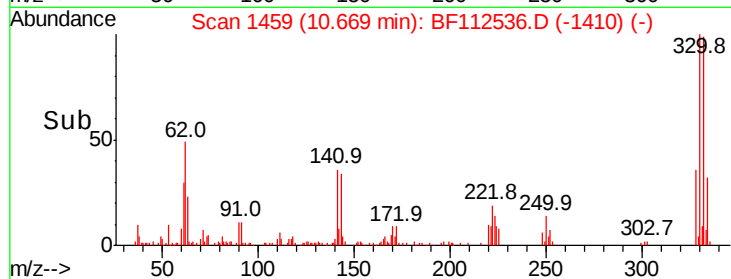
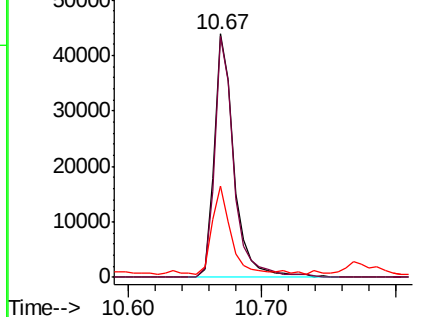


Abundance

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: 20.436 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF112536.D
 Acq: 13 Feb 2019 13:56

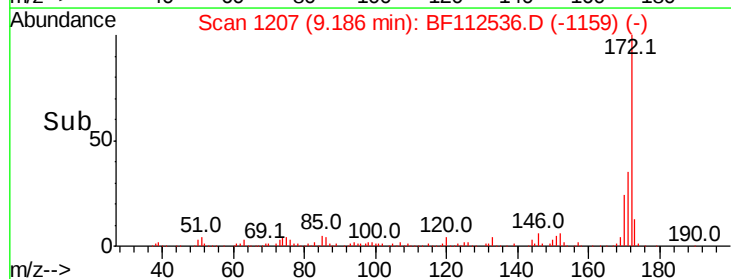
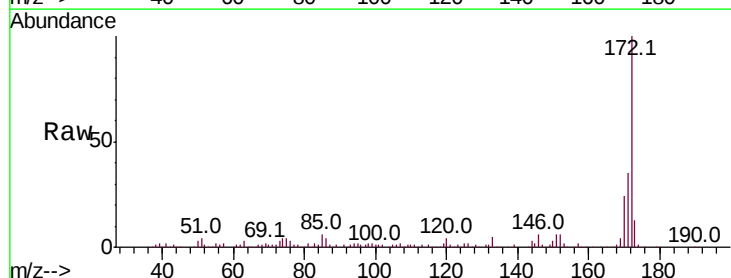
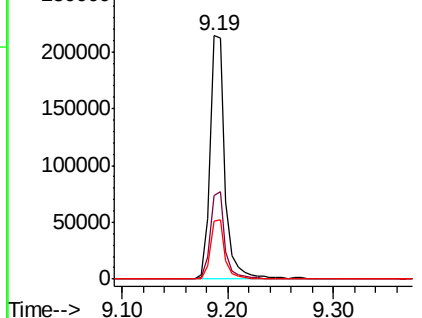
Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.5	30.5	45.7
170	23.7	20.2	30.4

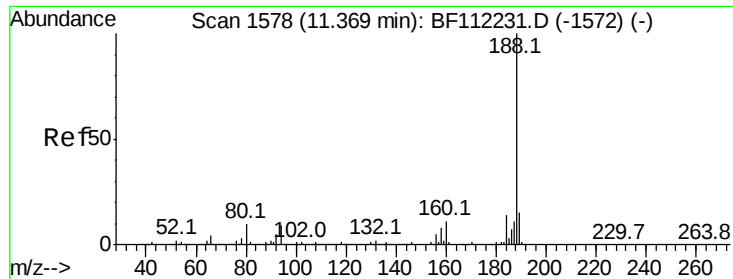
Abundance

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





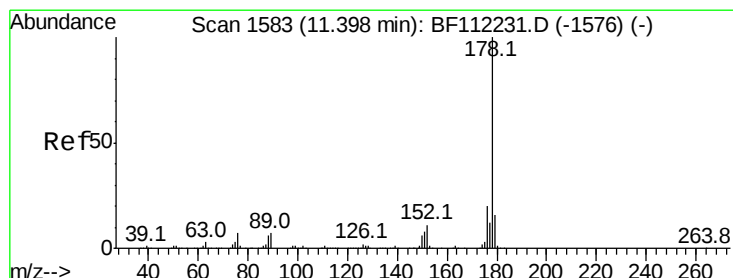
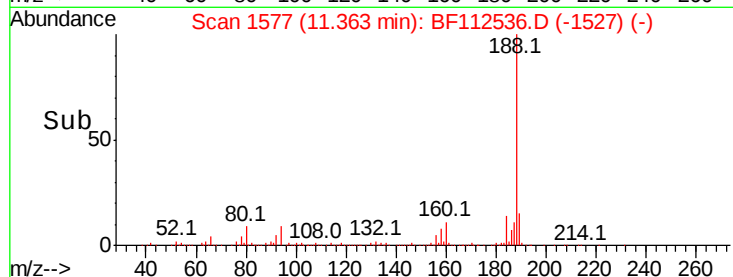
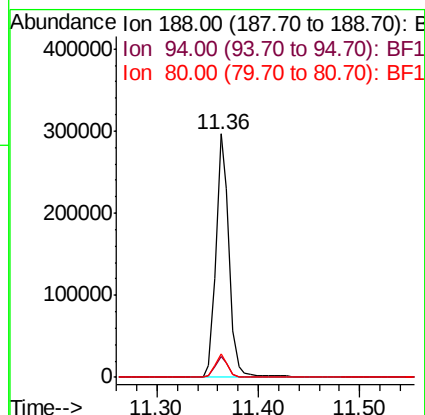
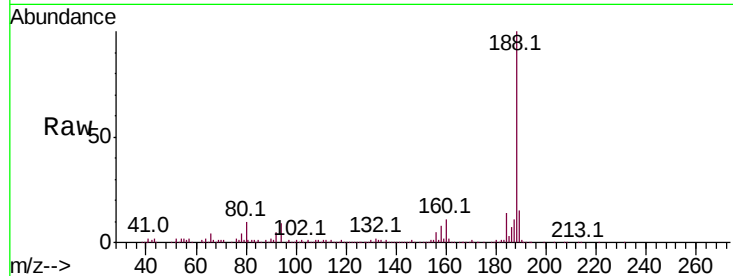
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF112536.D
Acq: 13 Feb 2019 13:56

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-B

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.7	8.2	12.2
80	9.5	8.9	13.3

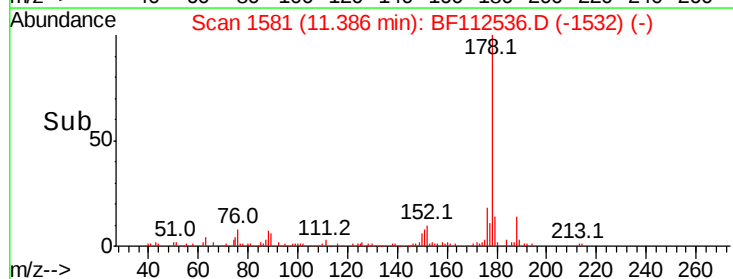
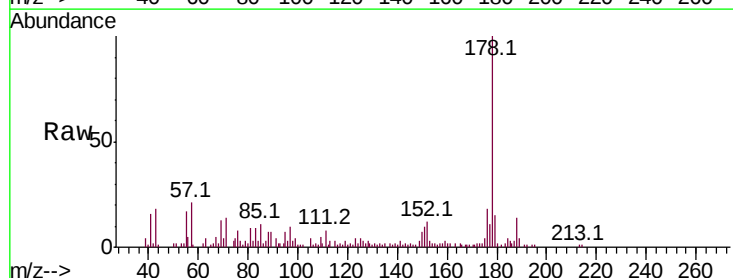
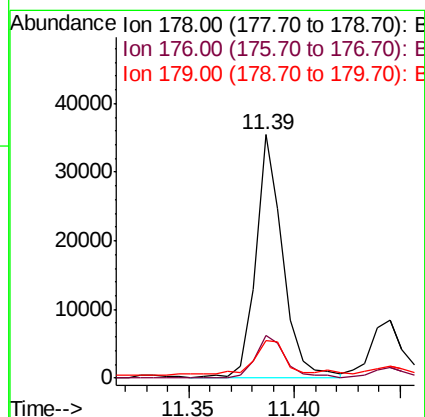
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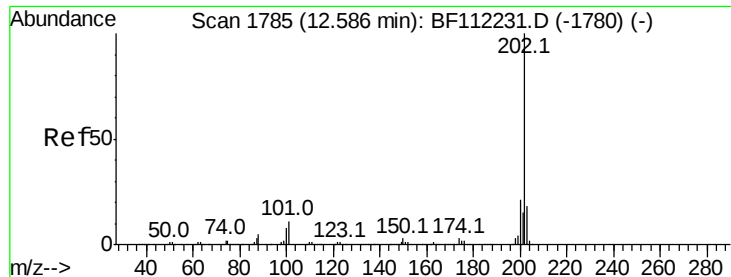
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#71
Phenanthrene
Concen: 2.287 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF112536.D
Acq: 13 Feb 2019 13:56

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	17.6	16.3	24.5
179	15.5	13.0	19.4





#75

Fluoranthene

Concen: 4.416 ng

RT: 12.59 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BF112536.D

Acq: 13 Feb 2019 13:56

Instrument :

BNA_F

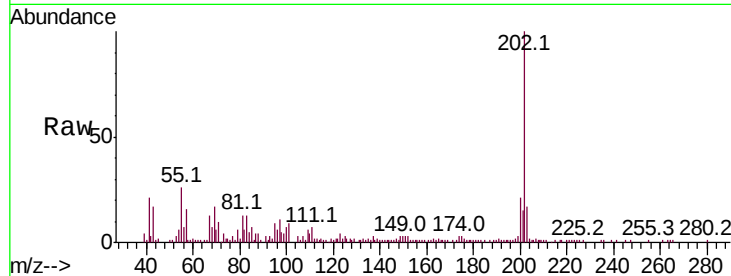
ClientSampleId :

JC-02-021119-B

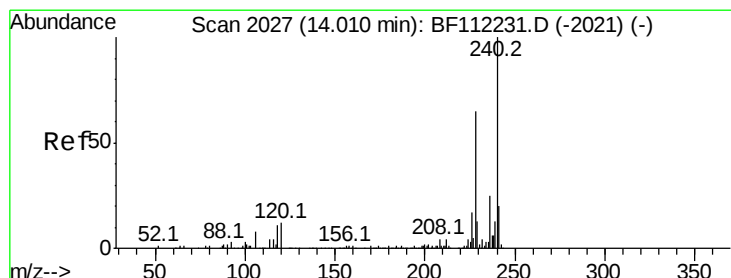
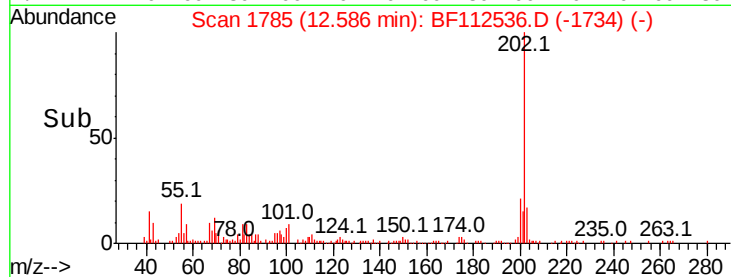
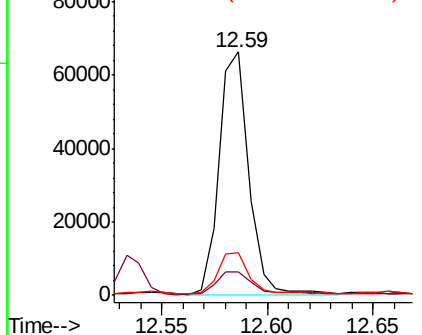
Tot Ion:	202	Resp:	65473
Ion Ratio	Lower	Upper	
202	100		
101	9.5	0.0	31.8
203	17.5	0.0	38.4

Manual Integrations
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2028

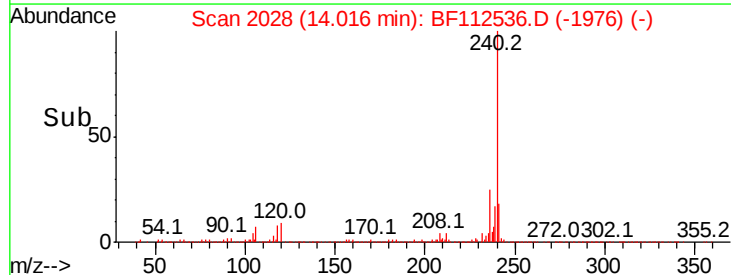
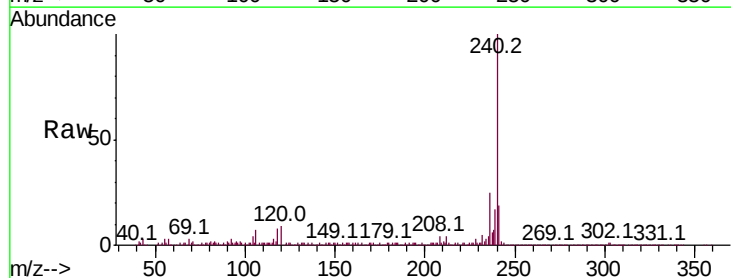
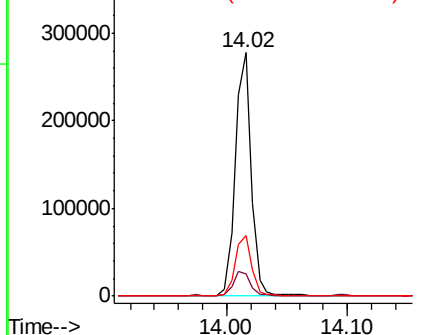
Delta R.T. 0.01 min

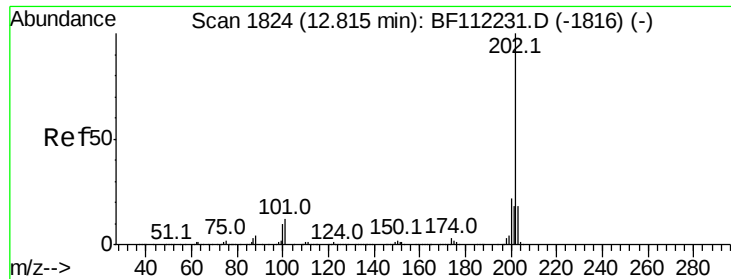
Lab File: BF112536.D

Acq: 13 Feb 2019 13:56

Tgt Ion:	240	Resp:	255369
Ion Ratio	Lower	Upper	
240	100		
120	9.2	9.0	13.6
236	25.1	20.7	31.1

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





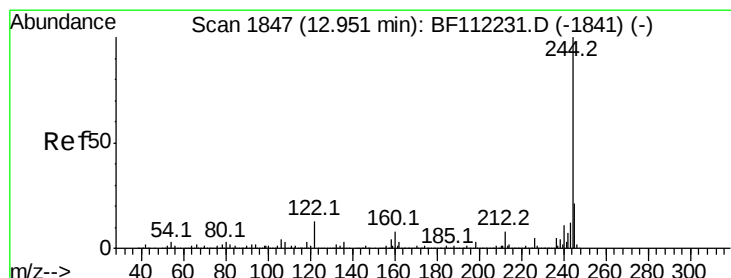
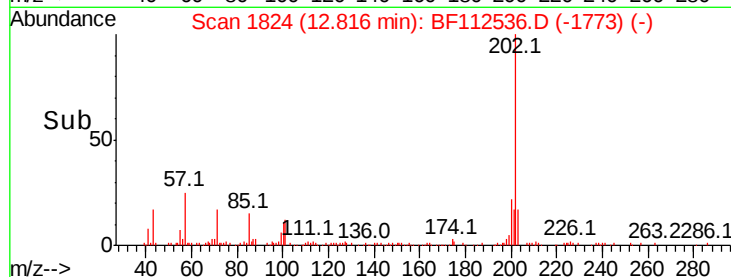
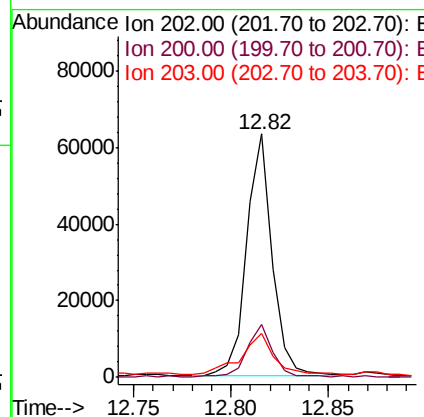
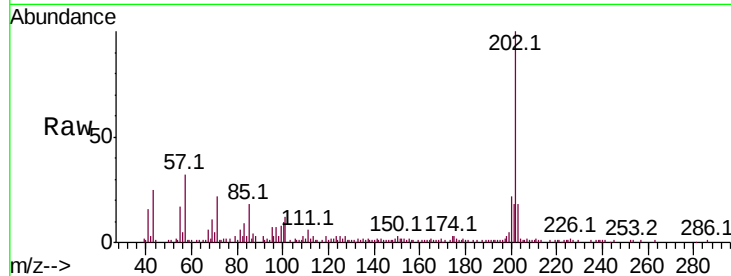
#78
Pvrene
Concen: 3.237 ng
RT: 12.82 min Scan# 1824
Delta R.T. 0.00 min
Lab File: BF112536.D
Acq: 13 Feb 2019 13:56

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-B

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.7	26.5
203	18.1	14.6	22.0

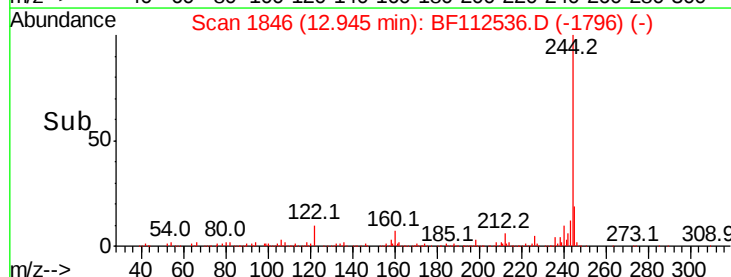
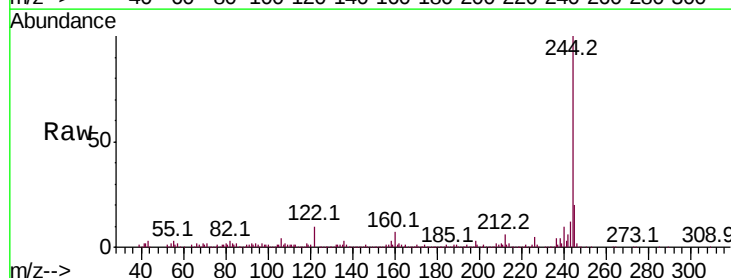
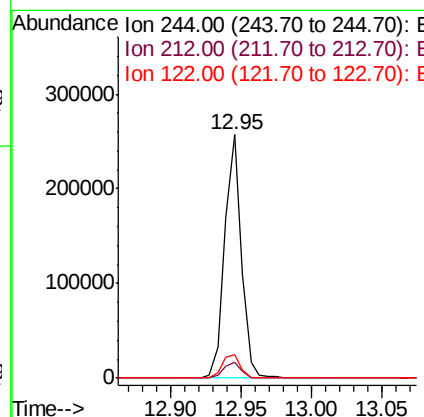
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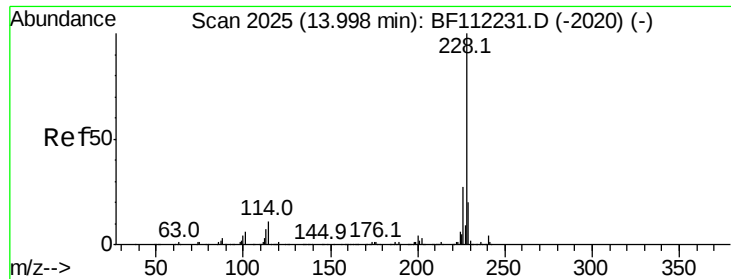
Sohil
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#79
Terphenyl-d14
Concen: 15.584 ng
RT: 12.95 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BF112536.D
Acq: 13 Feb 2019 13:56

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.9	8.9
122	9.8	9.8	14.6





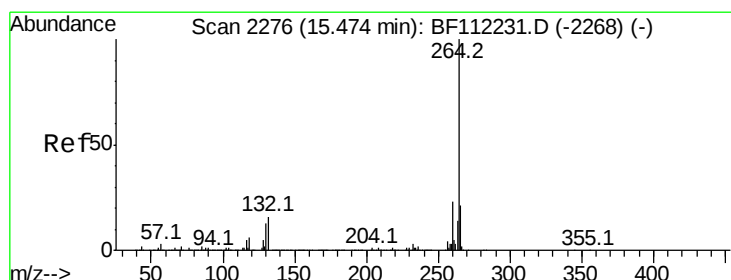
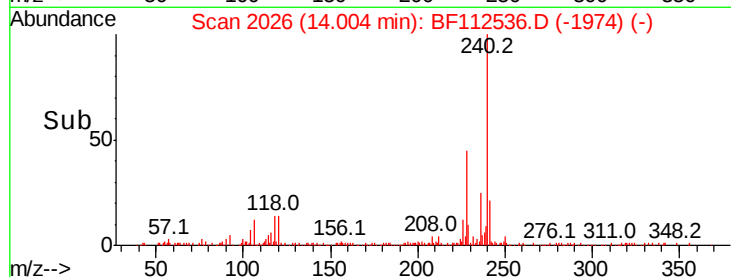
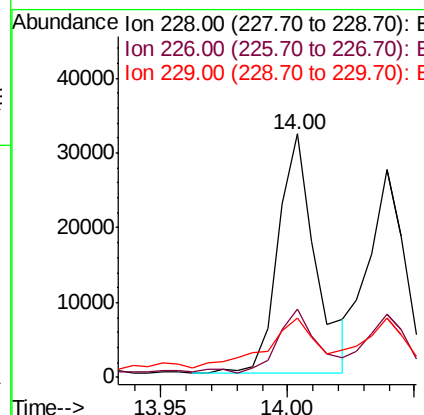
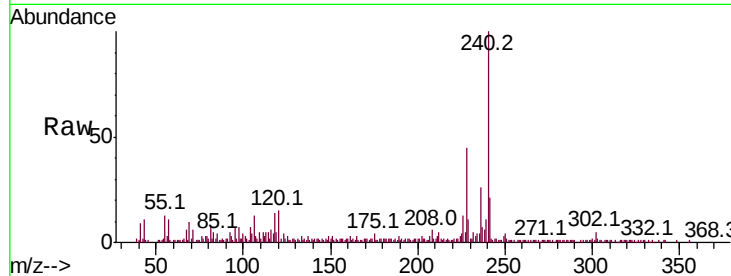
#81
Benzo(a)anthracene
Concen: 2.203 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.01 min
Lab File: BF112536.D
Acq: 13 Feb 2019 13:56

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-B

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	34.0
229	24.5	16.5	24.7

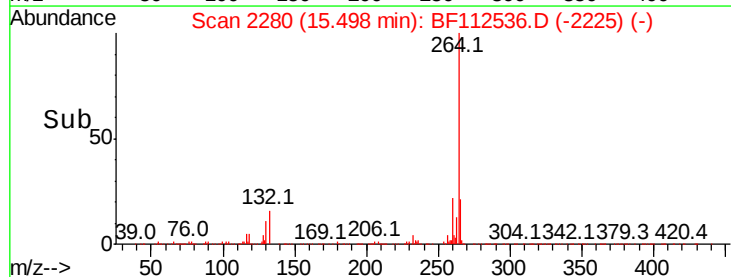
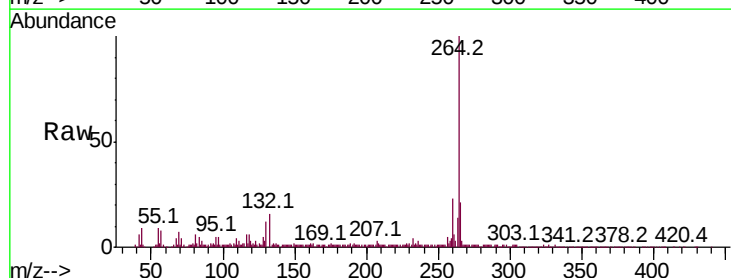
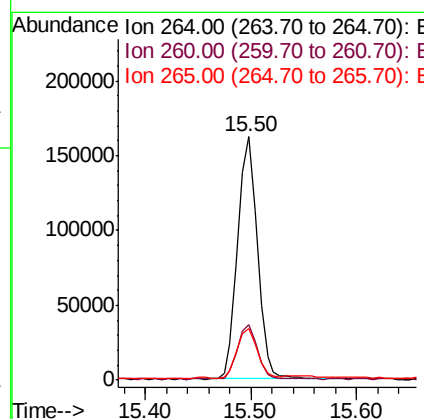
Manual Integrations
APPROVED

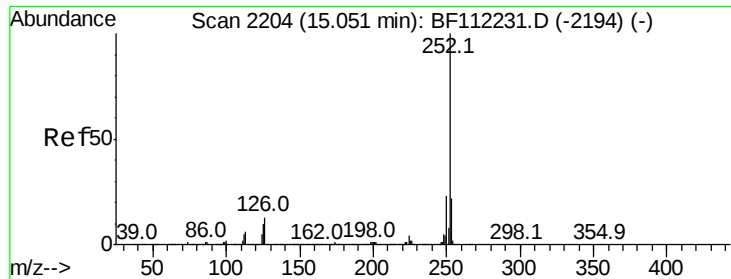
Sohil
2/14/2019 11:36:13 AM



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.02 min
Lab File: BF112536.D
Acq: 13 Feb 2019 13:56

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.2	27.2
265	21.1	17.0	25.4





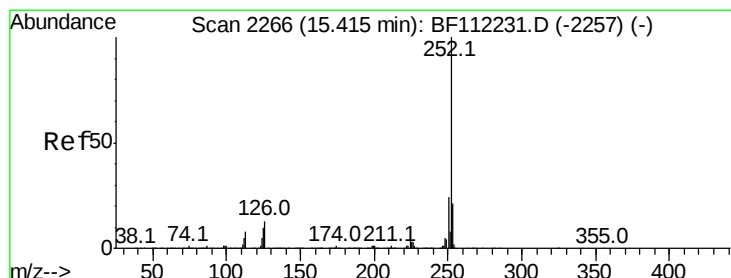
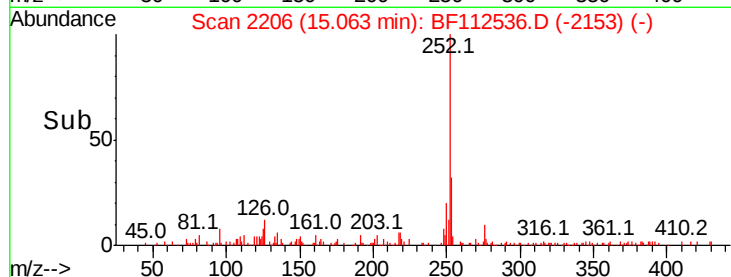
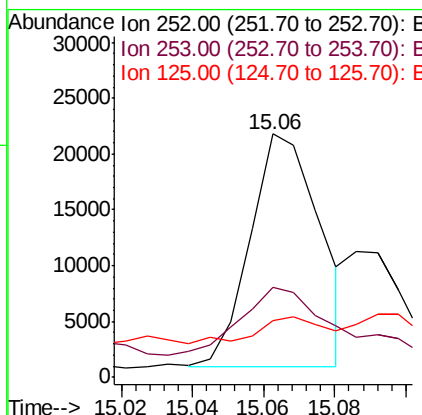
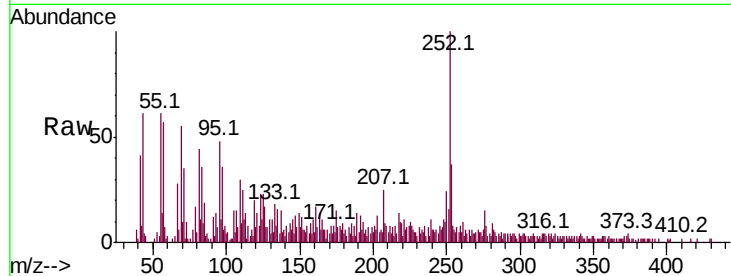
#88
Benzo(b)fluoranthene
Concen: 2.278 ng m
RT: 15.06 min Scan# 2206
Delta R.T. 0.01 min
Lab File: BF112536.D
Acq: 13 Feb 2019 13:56

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-B

Tot Ion	Ratio	Lower	Upper
252	100		
253	37.0	18.0	27.0#
125	23.5	8.7	13.1#

Manual Integrations
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#90
Benzo(a)pyrene
Concen: 2.040 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.02 min
Lab File: BF112536.D
Acq: 13 Feb 2019 13:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.1	17.5	26.3#
125	23.7	9.0	13.4#

