

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032720\
 Data File : BF119619.D
 Acq On : 28 Mar 2020 16:18
 Operator : CG/JU
 Sample : L2036-01
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-03-014-ABCD

Manual Integrations
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 3/31/2020 8:14:41 AM

Quant Time: Mar 30 01:03:25 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 27 07:52:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	290042	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	997060	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	472519	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	810993	20.00	ng	0.00
76) Chrysene-d12	14.00	240	557806	20.00	ng	-0.01
87) Perylene-d12	15.47	264	540648	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	2357265	129.38	ng	0.01
7) Phenol-d6	6.46	99	2384555	102.45	ng	0.00
23) Nitrobenzene-d5	7.40	82	1500969	81.82	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	521019	106.88	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2519351	78.99	ng	0.00
79) Terphenyl-d14	12.96	244	2272196	79.81	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.59	163	148594	4.427	ng	99
71) Phenanthrene	11.39	178	190331	4.526	ng	98
75) Fluoranthene	12.57	202	528349	11.609	ng	97
78) Pyrene	12.80	202	470213	10.271	ng	98
81) Benzo(a)anthracene	13.99	228	302422	8.337	ng	96
83) Chrysene	14.03	228	273554	7.307	ng	96
86) Indeno(1,2,3-cd)pyrene	16.93	276	142622	4.045	ng	95
88) Benzo(b)fluoranthene	15.04	252	413706m	11.455	ng	
89) Benzo(k)fluoranthene	15.07	252	103347m	3.005	ng	
90) Benzo(a)pyrene	15.40	252	262371	7.994	ng	# 98
92) Benzo(g,h,i)perylene	17.37	276	129821	4.501	ng	# 94

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

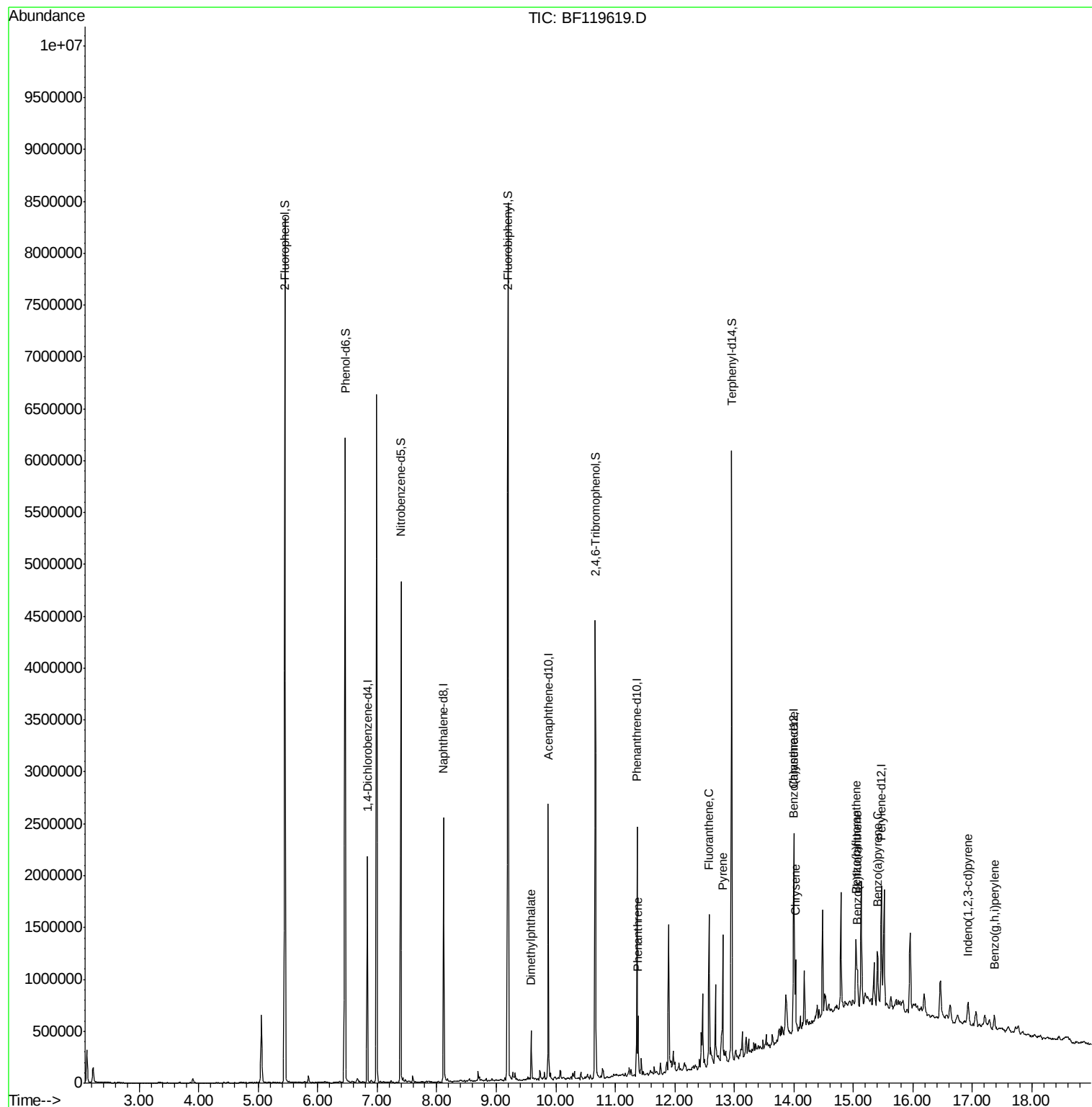
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032720\
Data File : BF119619.D
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Operator : CG/JU
Sample : L2036-01
Misc :
ALS Vial : 49 Sample Multiplier: 1

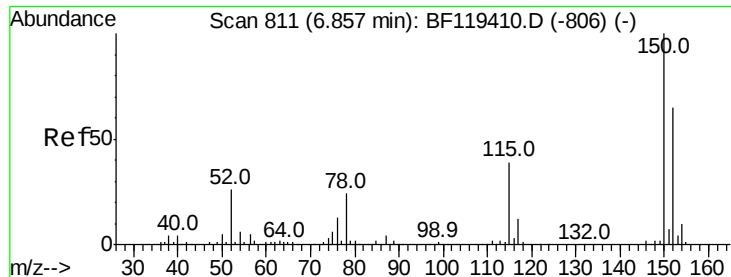
Instrument :
BNA_F
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FK-BPM-03-014-ABCD

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

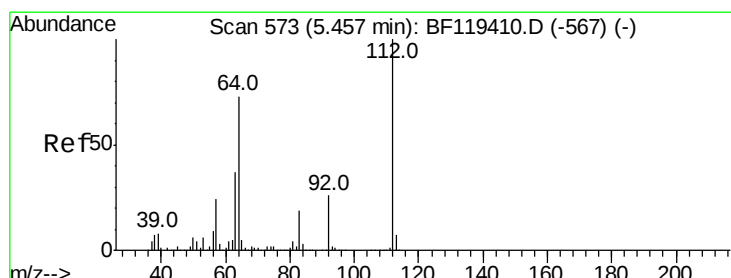
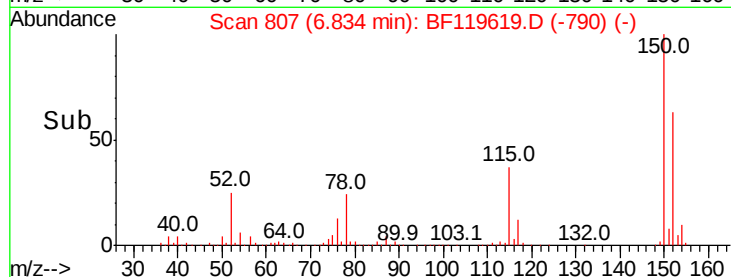
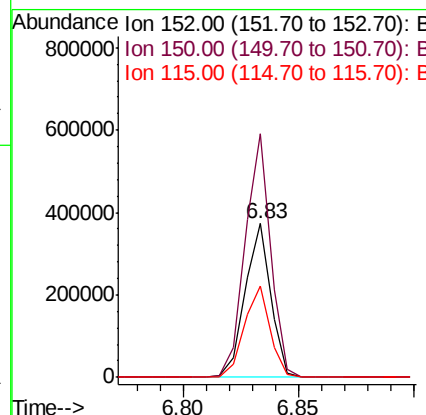
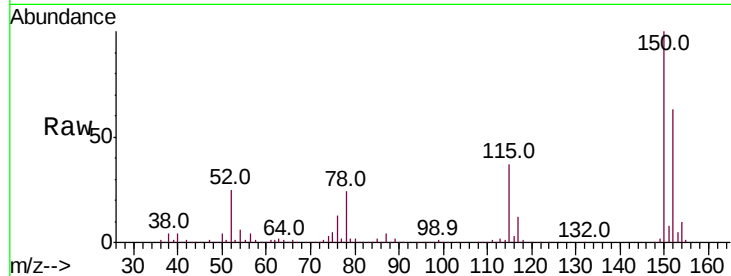
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF119619.D
Acq: 28 Mar 2020 16:18

Instrument :
BNA_F
ClientSampleId :
FK-BPM-03-014-ABCD

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	124.5	186.7
115	59.1	49.6	74.4

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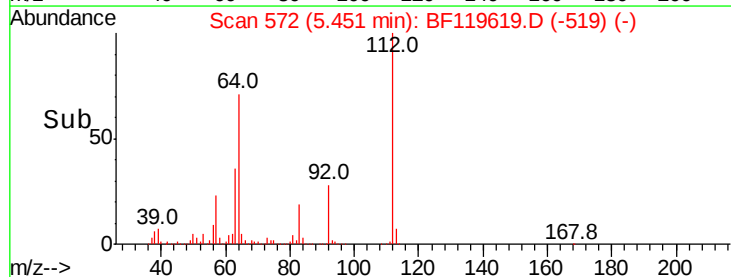
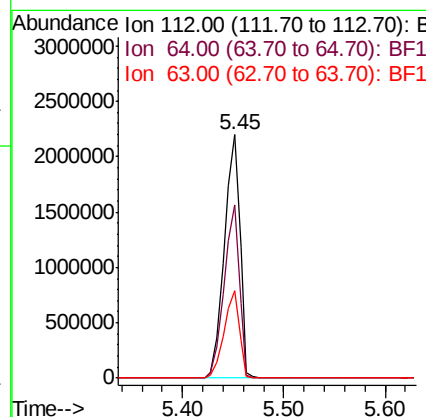
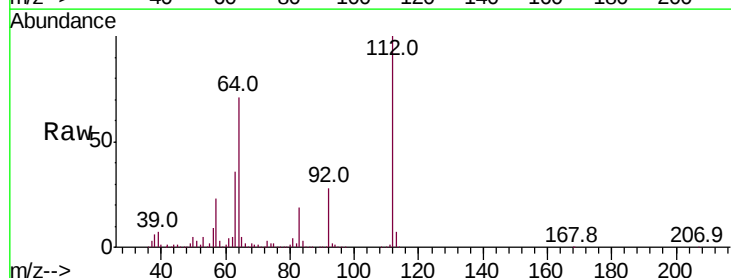
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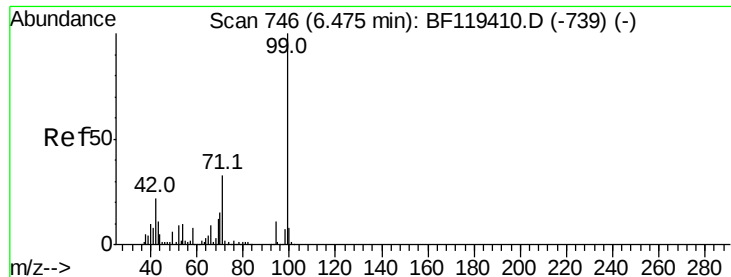


#5

2-Fluorophenol
Concen: 129.379 ng
RT: 5.45 min Scan# 572
Delta R.T. 0.01 min
Lab File: BF119619.D
Acq: 28 Mar 2020 16:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.0	56.7	85.1
63	35.9	29.5	44.3





#7

Phenol-d6

Concen: 102.453 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF119619.D

Acq: 28 Mar 2020 16:18

Instrument :

BNA_F

ClientSampleId :

FK-BPM-03-014-ABCD

Tot Ion: 99 Resp: 2384555

Ion Ratio Lower Upper

99 100

42 20.5 16.6 24.8

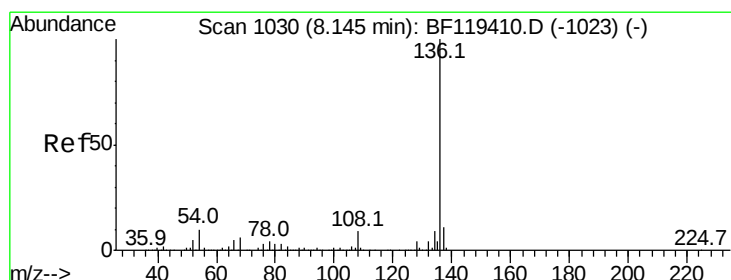
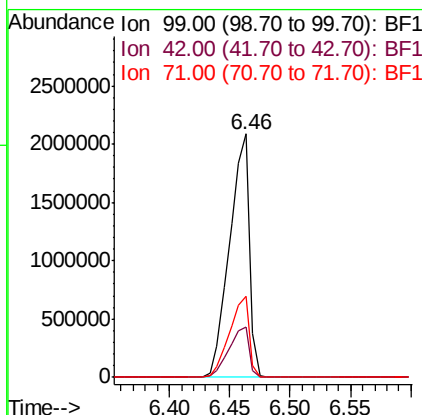
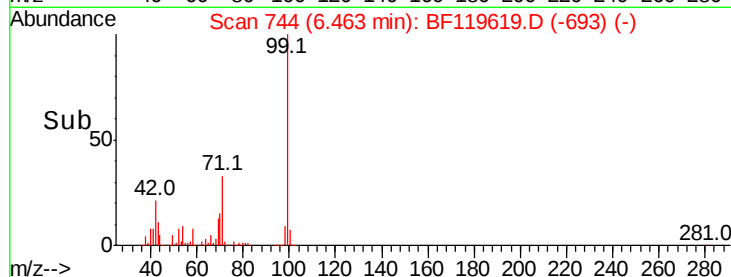
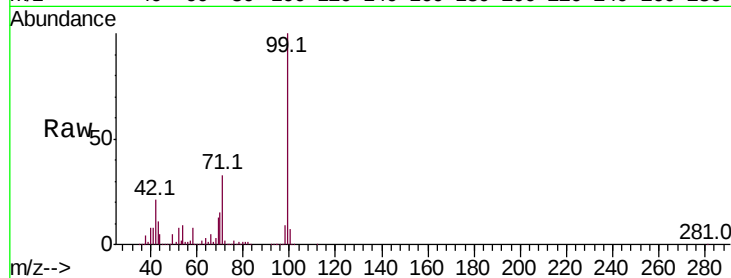
71 33.2 26.4 39.6

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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: BF119619.D

Acq: 28 Mar 2020 16:18

Tgt Ion: 136 Resp: 997060

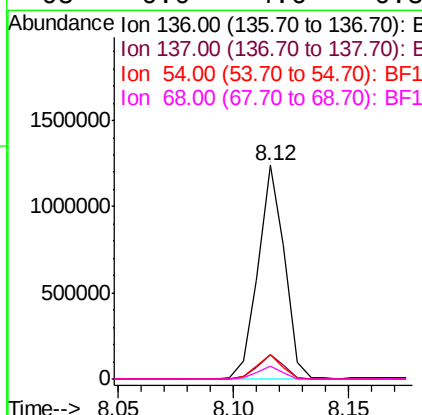
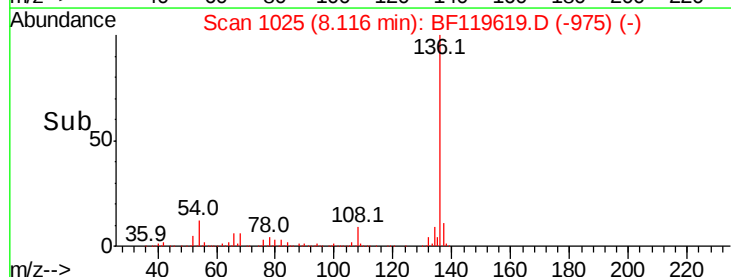
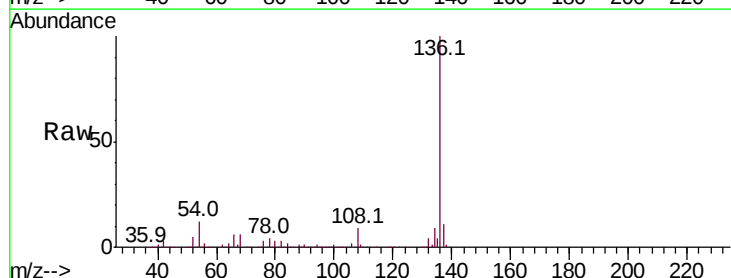
Ion Ratio Lower Upper

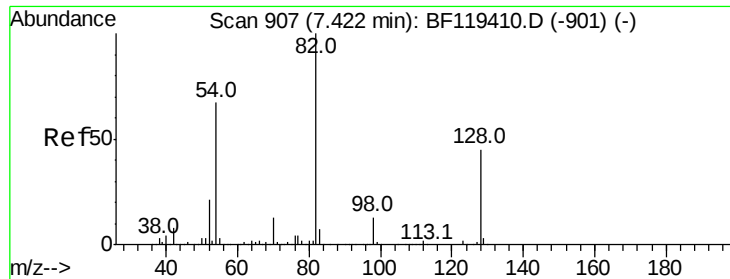
136 100

137 11.2 8.7 13.1

54 11.6 9.1 13.7

68 6.0 4.6 6.8





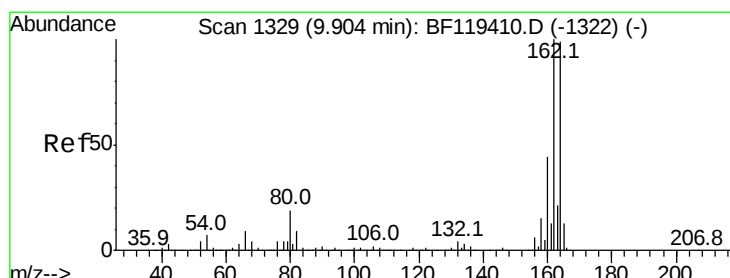
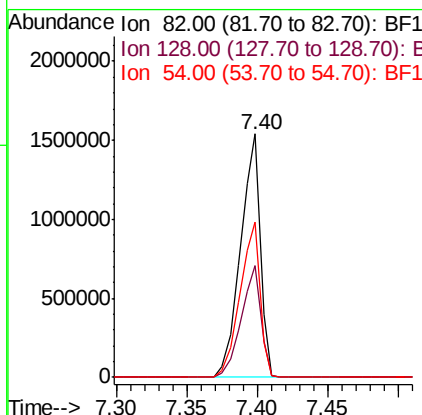
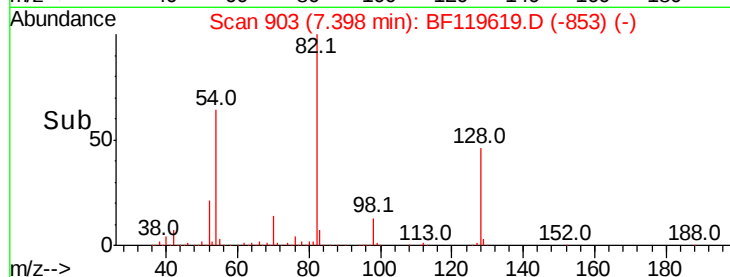
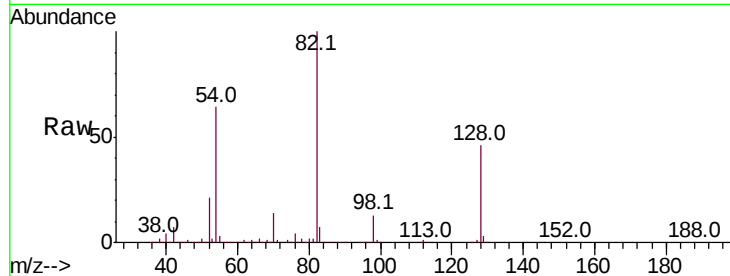
#23
Nitrobenzene-d5
Concen: 81.815 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF119619.D
Acq: 28 Mar 2020 16:18

Instrument :
BNA_F
ClientSampleId :
FK-BPM-03-014-ABCD

Tot Ion: 82 Resp: 1500969
Ion Ratio Lower Upper
82 100
128 46.1 36.3 54.5
54 63.7 50.6 75.8

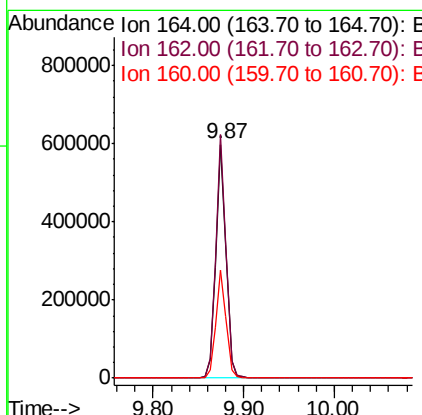
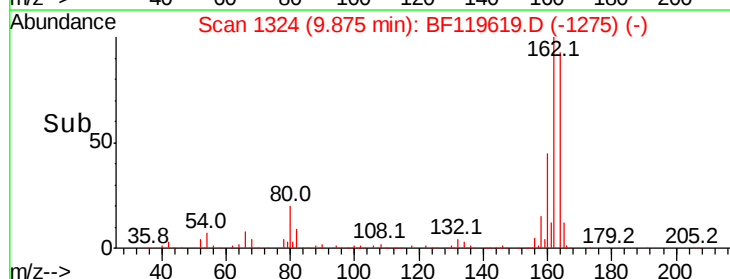
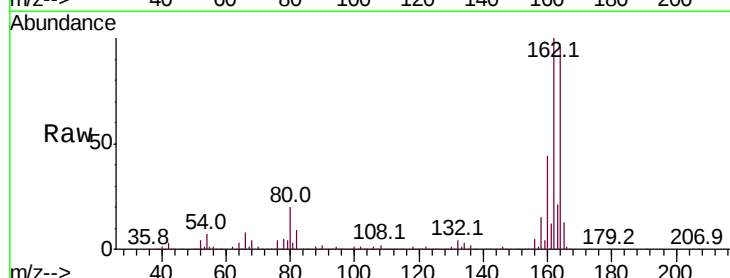
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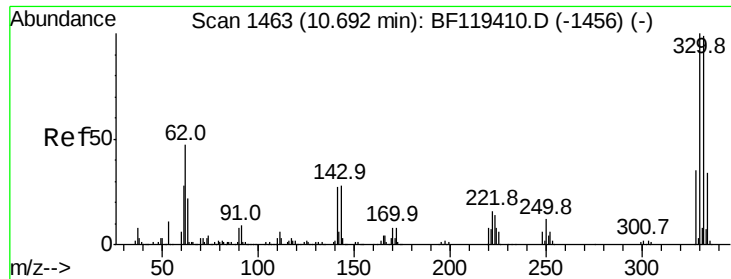
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF119619.D
Acq: 28 Mar 2020 16:18

Tgt Ion:164 Resp: 472519
Ion Ratio Lower Upper
164 100
162 104.1 80.6 121.0
160 46.3 35.7 53.5





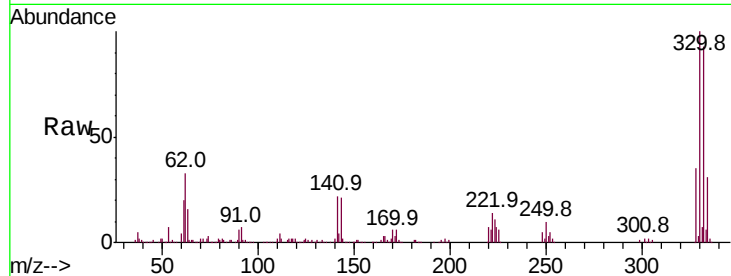
#42
 2,4,6-Tribromophenol
 Concen: 106.880 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF119619.D
 Acq: 28 Mar 2020 16:18

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-03-014-ABCD

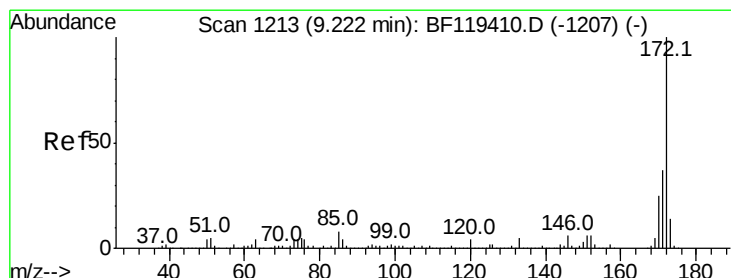
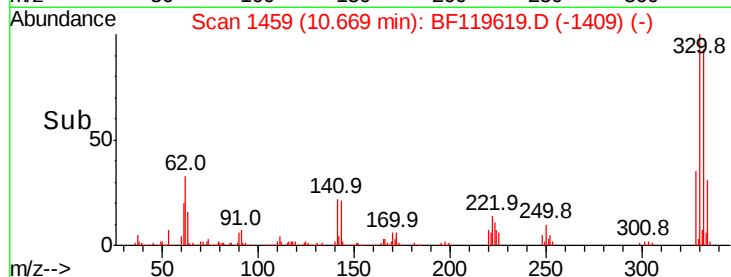
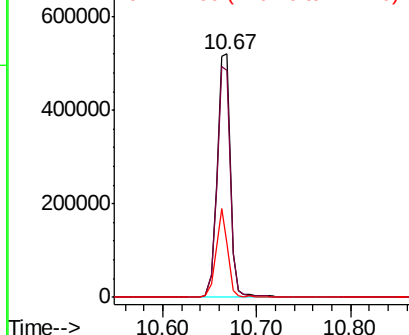
Tot Ion	Ratio	Resp	Lower	Upper
330	100	521019		
332	94.8	75.7	113.5	
141	32.2	25.4	38.0	

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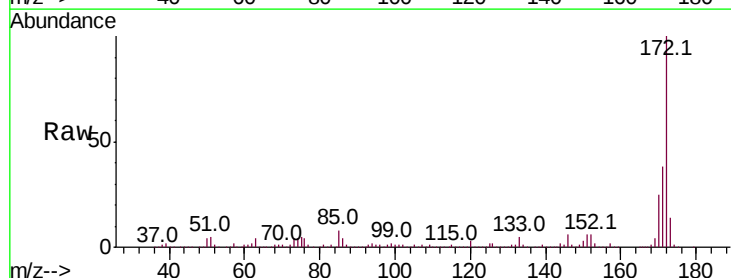


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

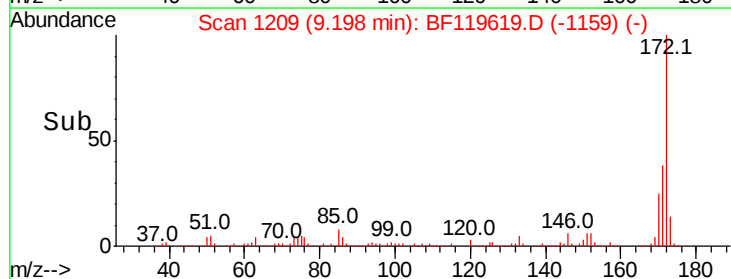
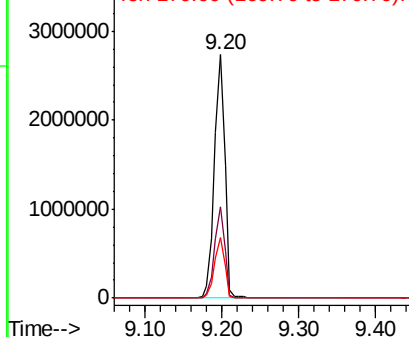


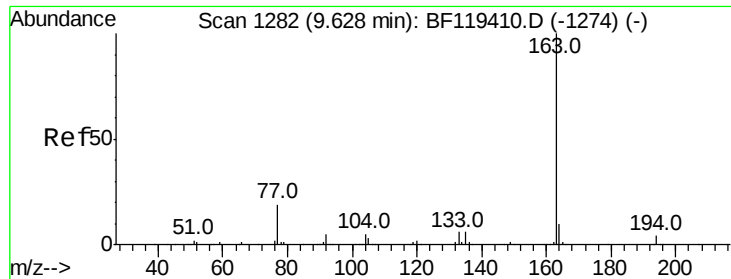
#45
 2-Fluorobiphenyl
 Concen: 78.988 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF119619.D
 Acq: 28 Mar 2020 16:18

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2519351		
171	37.7	29.6	44.4	
170	24.9	20.2	30.2	



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





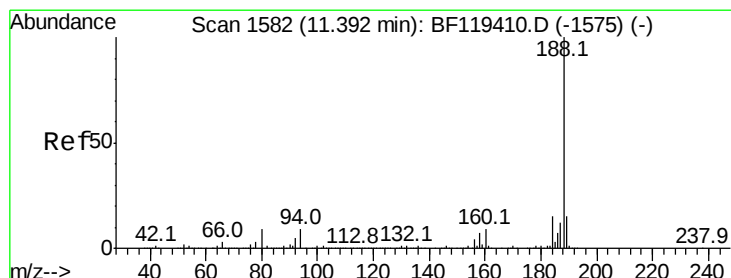
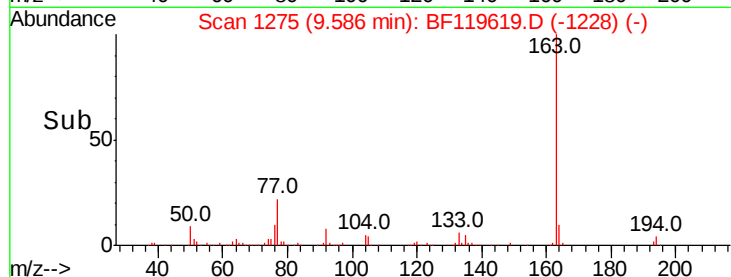
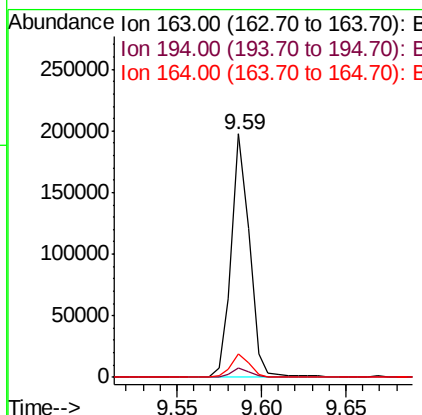
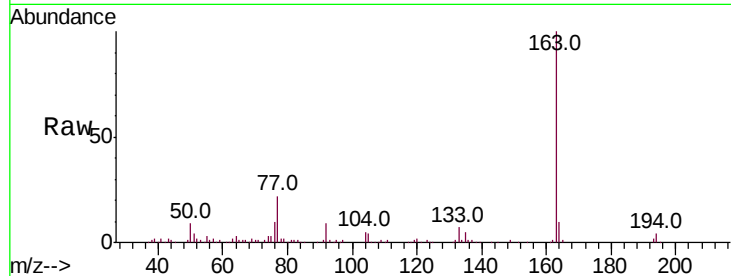
#50
Dimethylphthalate
Concen: 4.427 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF119619.D
Acq: 28 Mar 2020 16:18

Instrument :
BNA_F
ClientSampleId :
FK-BPM-03-014-ABCD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	148594		
194	3.9		3.1	4.7
164	9.6		8.2	12.2

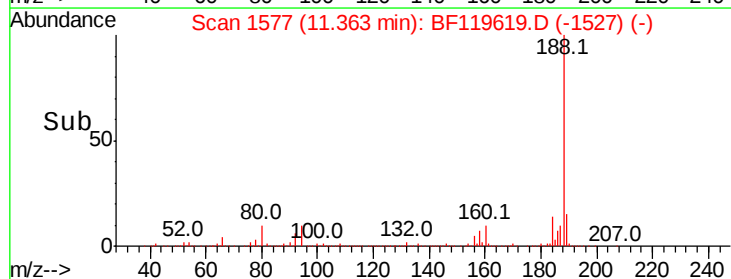
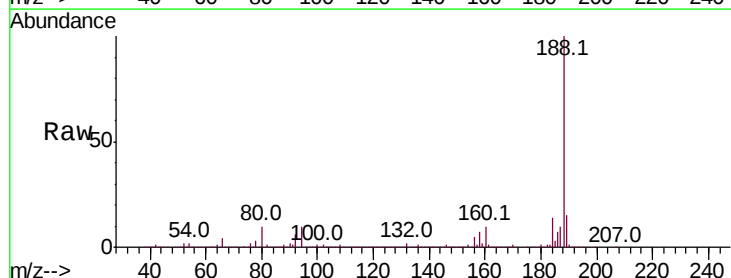
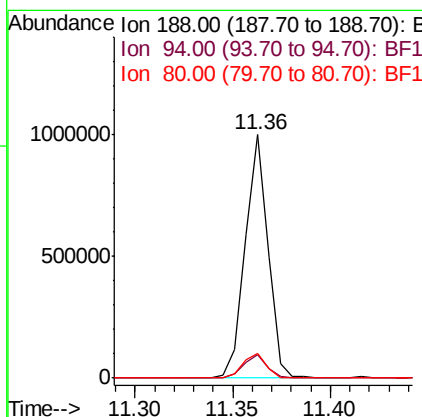
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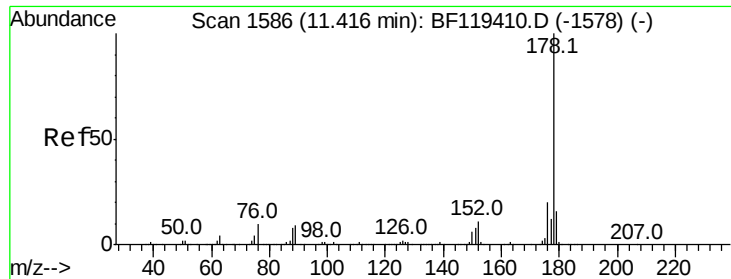
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF119619.D
Acq: 28 Mar 2020 16:18

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	810993		
94	9.8		7.5	11.3
80	10.1		9.0	13.4





#71

Phenanthrene

Concen: 4.526 ng

RT: 11.39 min Scan# 1581

Delta R.T. -0.01 min

Lab File: BF119619.D

Acq: 28 Mar 2020 16:18

Instrument :

BNA_F

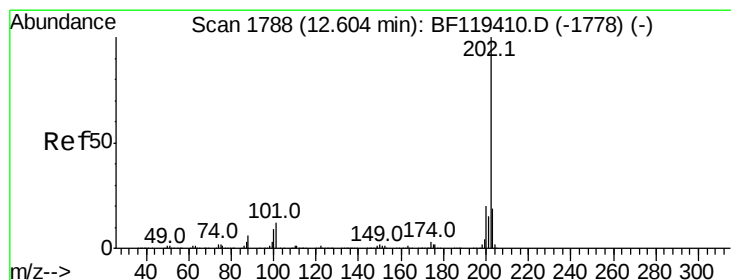
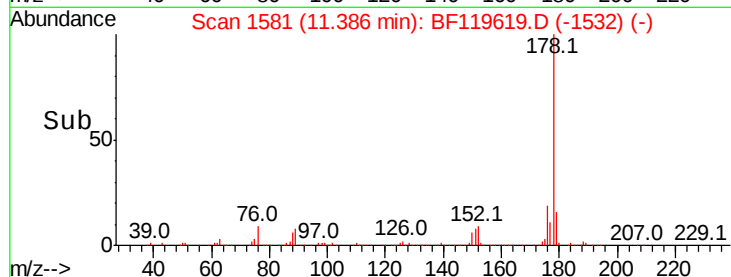
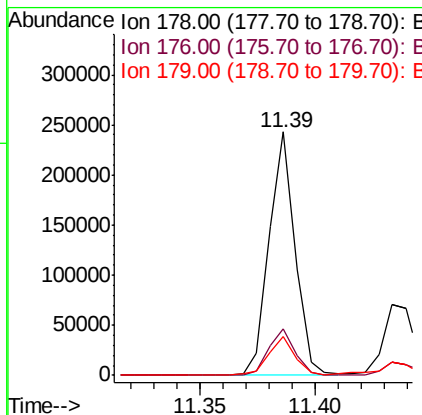
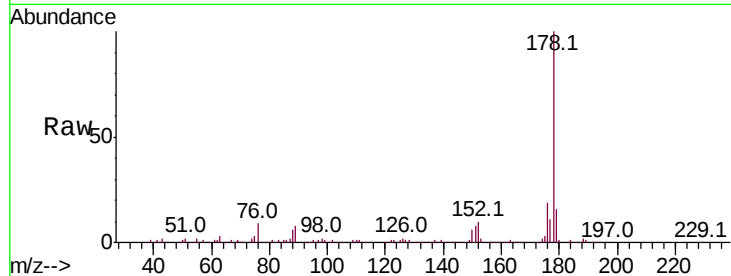
ClientSampleId :

FK-BPM-03-014-ABCD

Tot Ion:178	Resp:	190331
Ion Ratio	Lower	Upper
178	100	
176	18.9	16.2 24.4
179	16.1	13.2 19.8

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#75

Fluoranthene

Concen: 11.609 ng

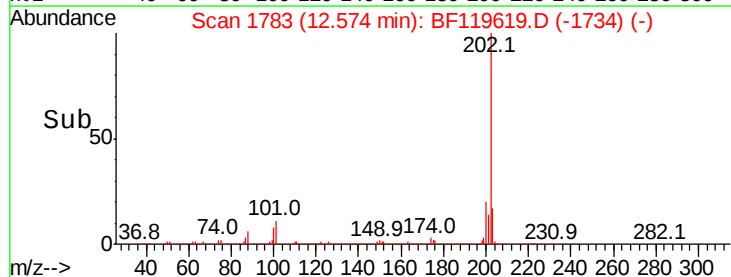
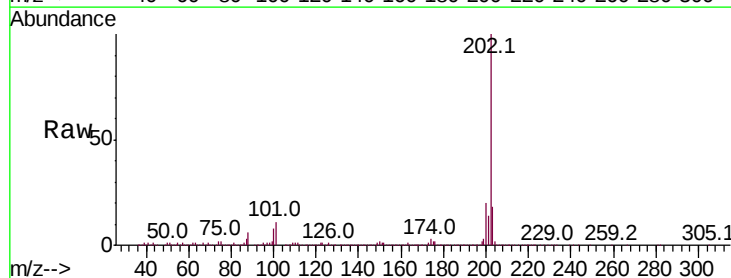
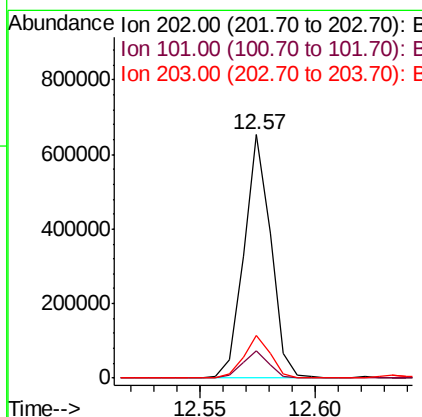
RT: 12.57 min Scan# 1783

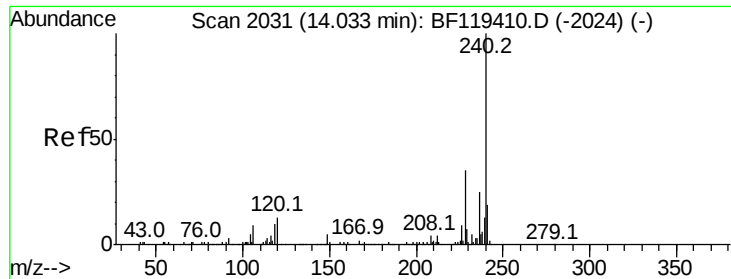
Delta R.T. -0.01 min

Lab File: BF119619.D

Acq: 28 Mar 2020 16:18

Tgt Ion:202	Resp:	528349
Ion Ratio	Lower	Upper
202	100	
101	11.2	0.0 32.2
203	17.5	0.0 38.8





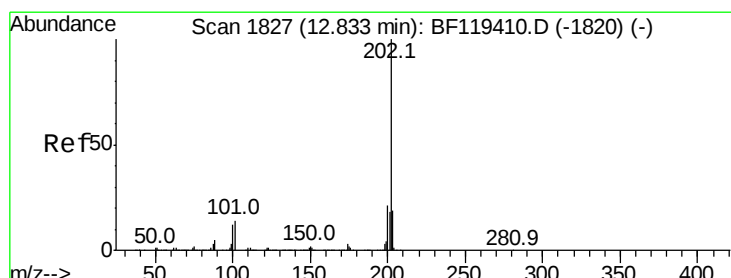
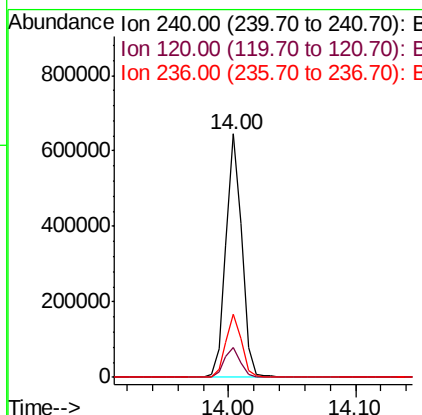
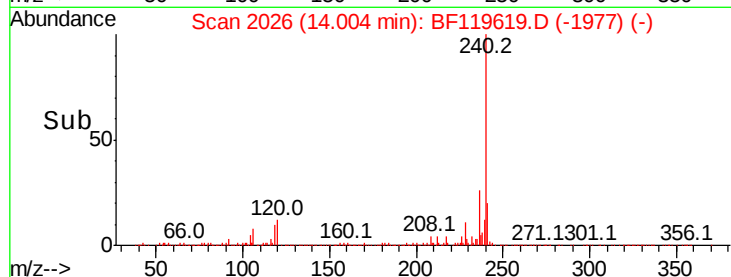
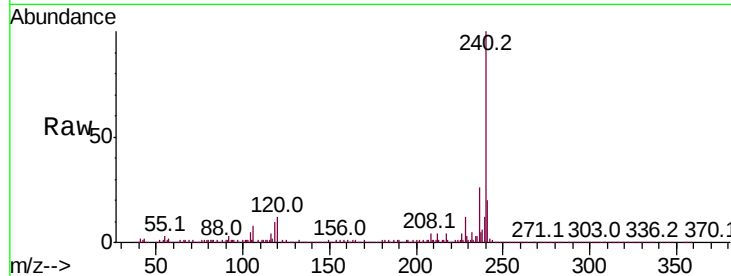
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF119619.D
Acq: 28 Mar 2020 16:18

Instrument :
BNA_F
ClientSampleId :
FK-BPM-03-014-ABCD

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.3	10.6	15.8
236	26.0	20.2	30.2

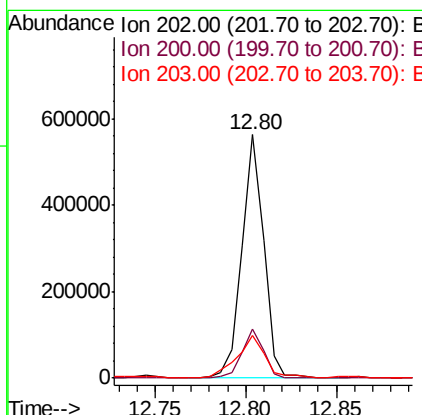
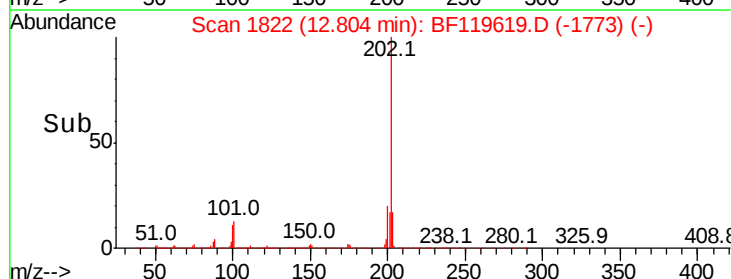
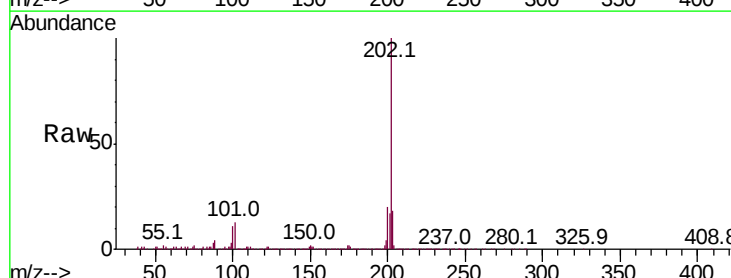
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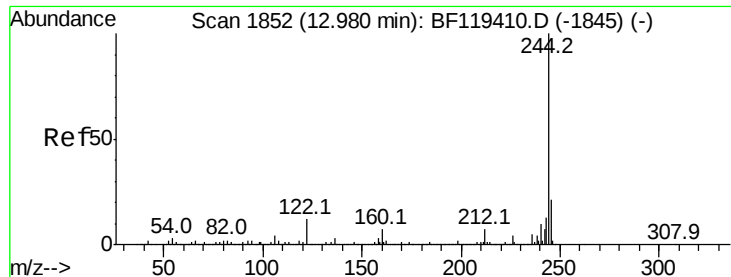
mohammad
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#78
Pyrene
Concen: 10.271 ng
RT: 12.80 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BF119619.D
Acq: 28 Mar 2020 16:18

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.8	25.2
203	17.5	15.1	22.7





#79

Terphenyl-d14

Concen: 79.808 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF119619.D

Acq: 28 Mar 2020 16:18

Instrument :

BNA_F

ClientSampleId :

FK-BPM-03-014-ABCD

Tot Ion:244 Resp: 2272196

Ion Ratio Lower Upper

244 100

212 6.1 5.8 8.8

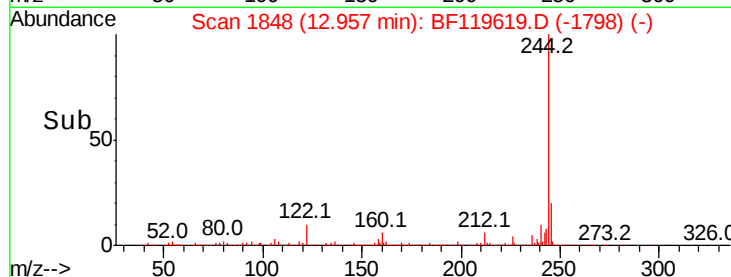
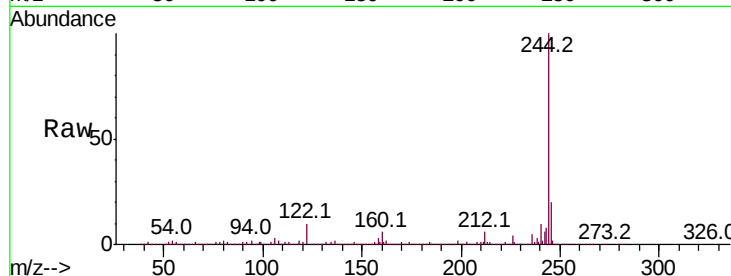
122 10.0 10.3 15.5#

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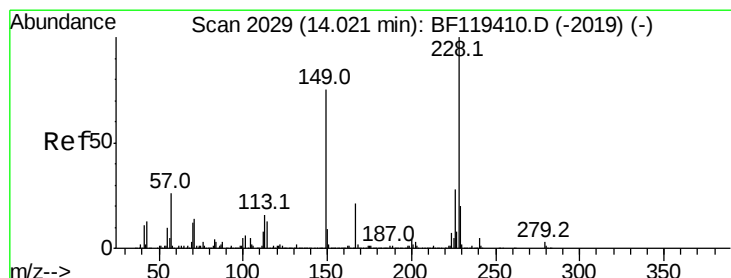
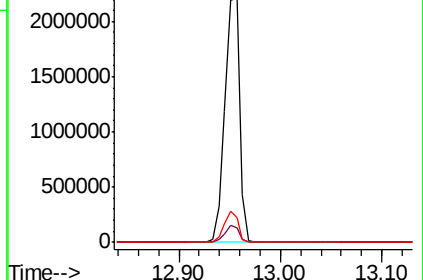
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#81

Benzo(a)anthracene

Concen: 8.337 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.02 min

Lab File: BF119619.D

Acq: 28 Mar 2020 16:18

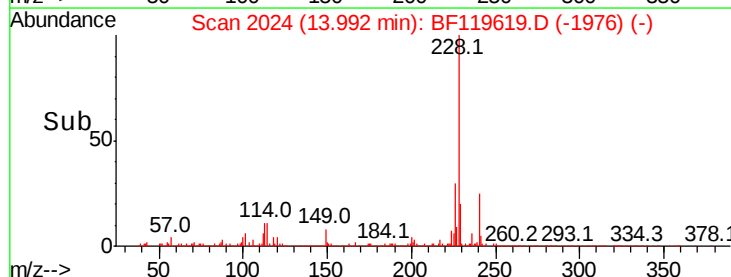
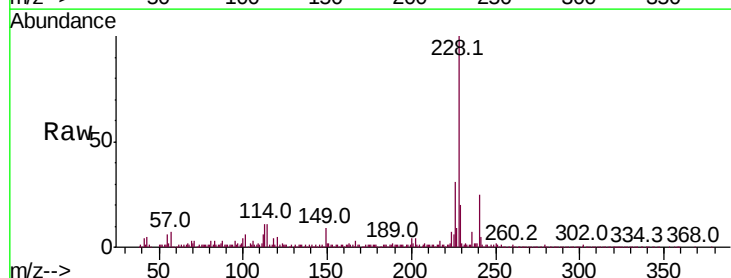
Tgt Ion:228 Resp: 302422

Ion Ratio Lower Upper

228 100

226 30.7 21.8 32.8

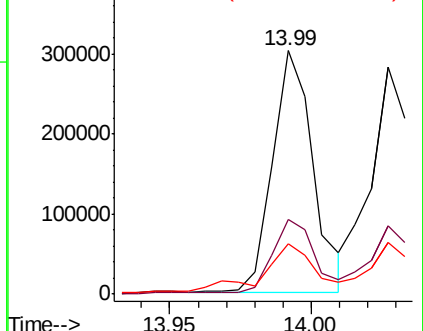
229 20.5 16.2 24.4

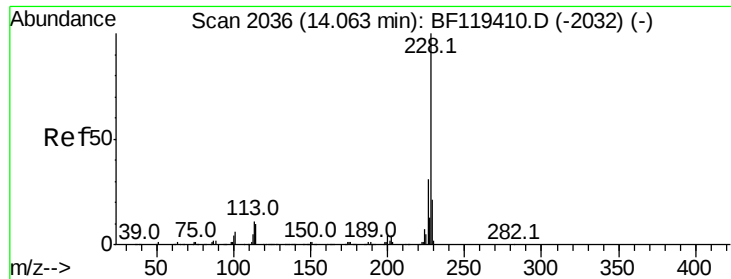


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





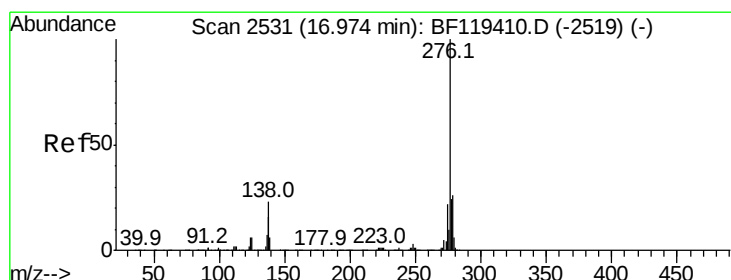
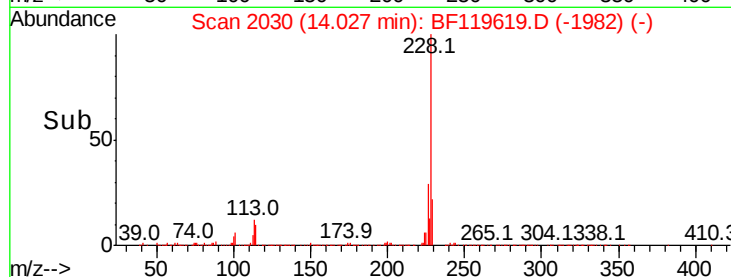
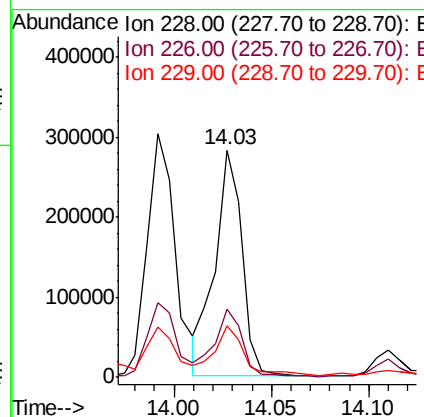
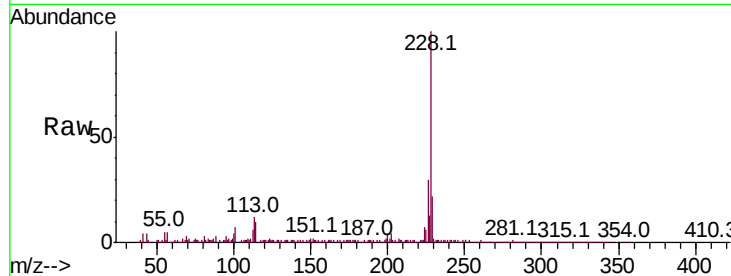
#83
Chrysene
Concen: 7.307 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.02 min
Lab File: BF119619.D
Acq: 28 Mar 2020 16:18

Instrument :
BNA_F
ClientSampleId :
FK-BPM-03-014-ABCD

Tot Ion:	228	Resp:	273554
Ion Ratio	Lower	Upper	
228	100		
226	29.8	25.4	38.0
229	22.5	16.6	24.8

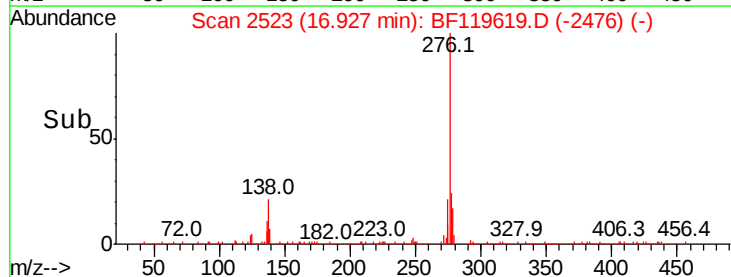
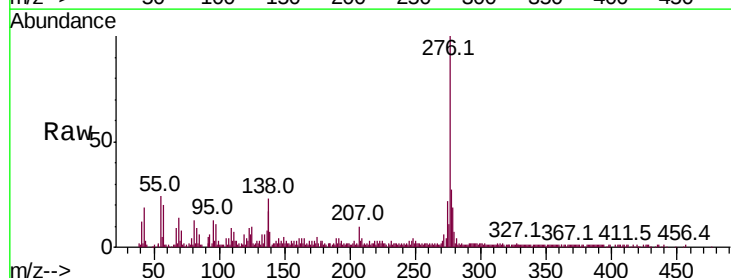
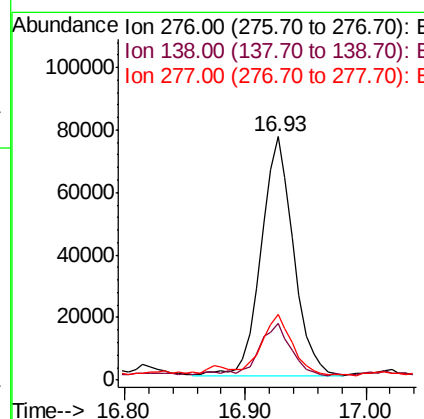
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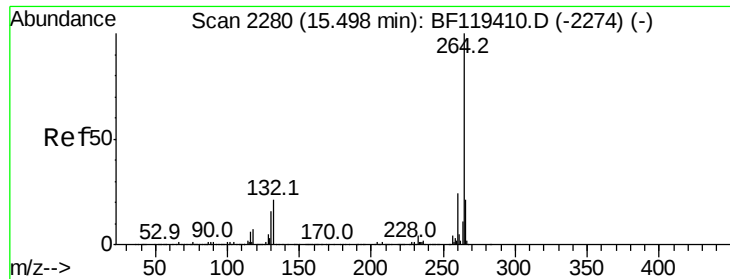
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#86
Indeno(1,2,3-cd)pyrene
Concen: 4.045 ng
RT: 16.93 min Scan# 2523
Delta R.T. -0.02 min
Lab File: BF119619.D
Acq: 28 Mar 2020 16:18

Tgt Ion:	276	Resp:	142622
Ion Ratio	Lower	Upper	
276	100		
138	20.9	19.6	29.4
277	23.9	20.0	30.0





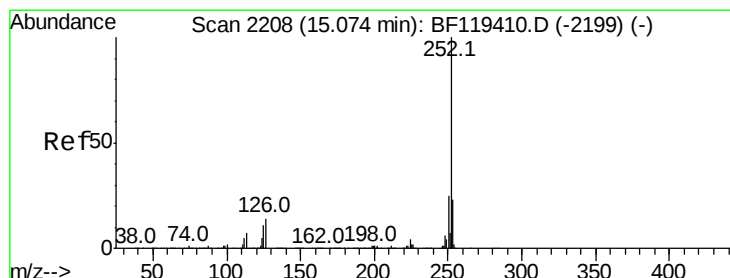
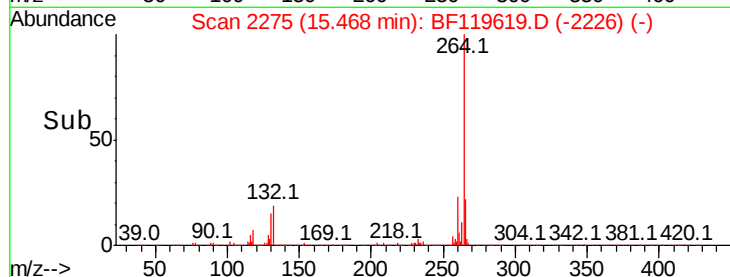
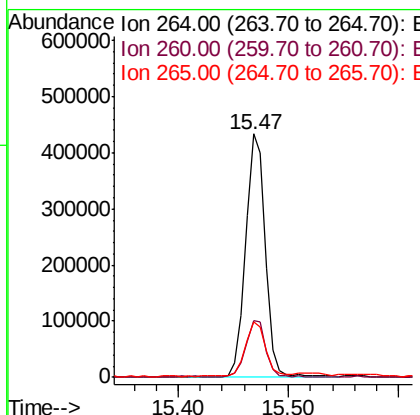
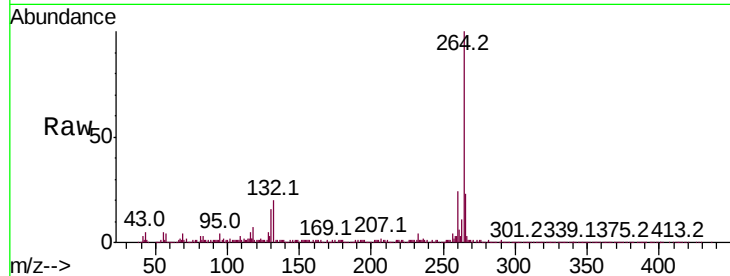
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF119619.D
Acq: 28 Mar 2020 16:18

Instrument :
BNA_F
ClientSampleId :
FK-BPM-03-014-ABCD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	22.6	17.7	26.5

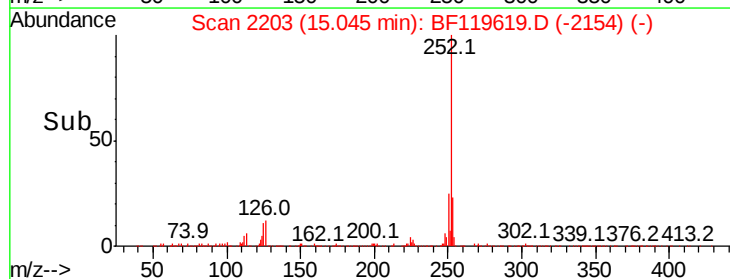
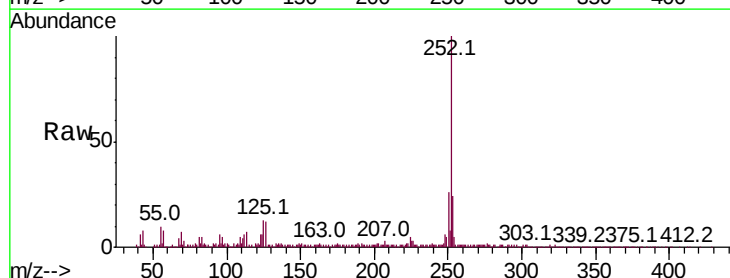
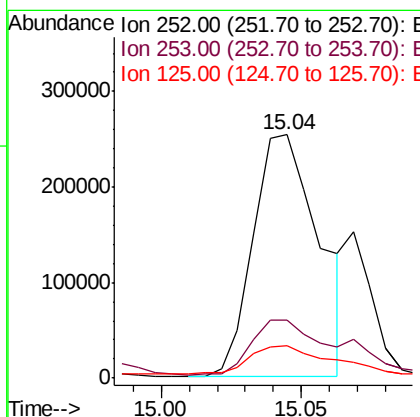
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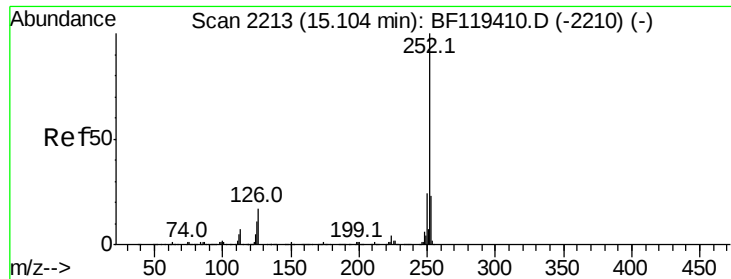
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#88
Benzo(b)fluoranthene
Concen: 11.455 ng m
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF119619.D
Acq: 28 Mar 2020 16:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.4	26.0
125	13.4	7.9	11.9





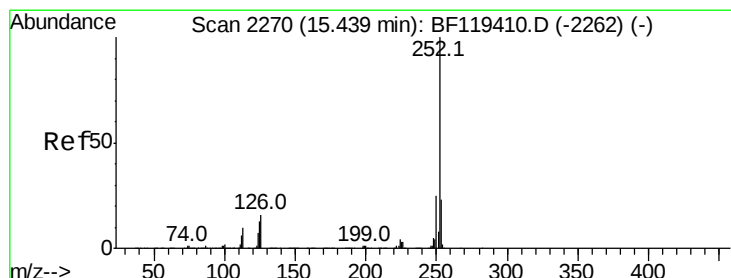
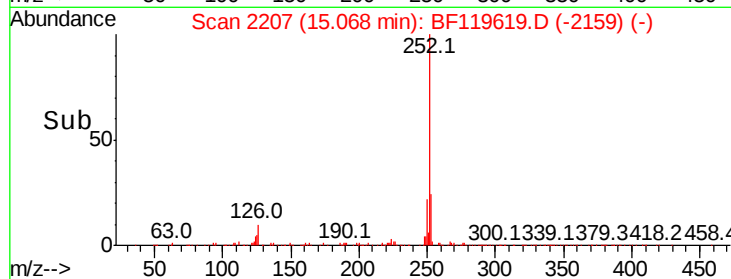
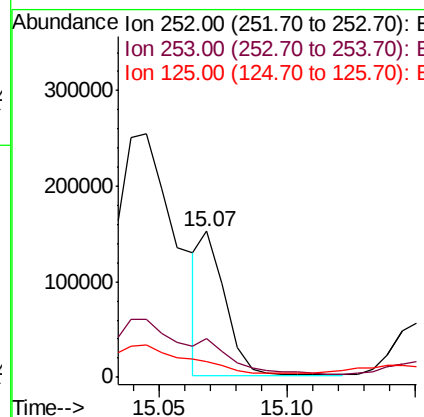
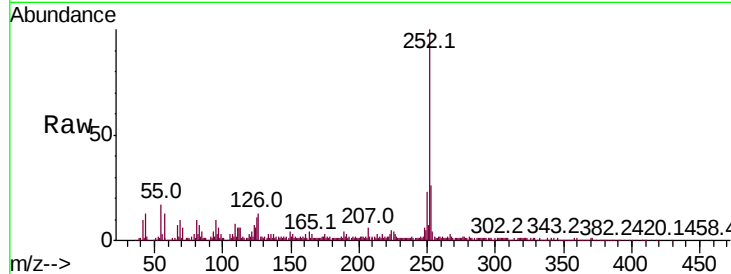
#89
Benzo(k)fluoranthene
Concen: 3.005 ng m
RT: 15.07 min Scan# 2207
Delta R.T. -0.02 min
Lab File: BF119619.D
Acq: 28 Mar 2020 16:18

Instrument :
BNA_F
ClientSampleId :
FK-BPM-03-014-ABCD

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.5	17.8	26.6
125	10.9	8.4	12.6

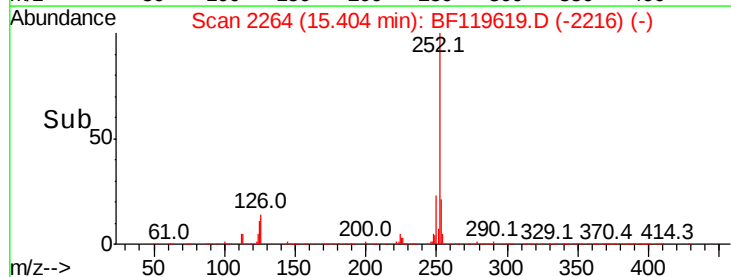
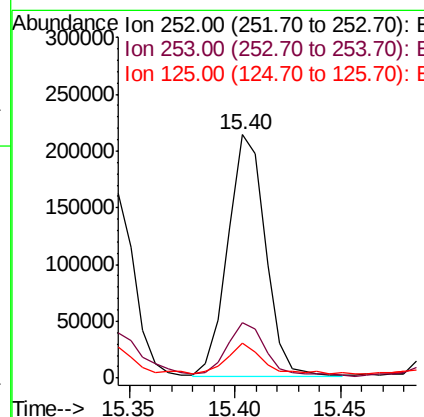
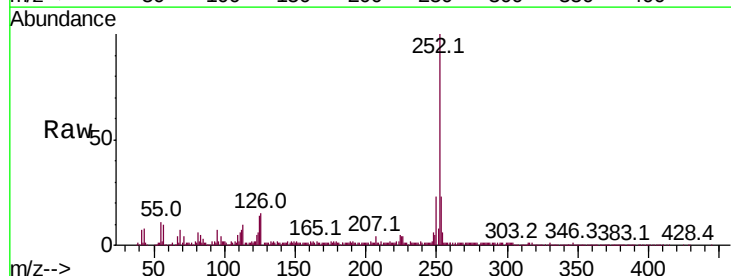
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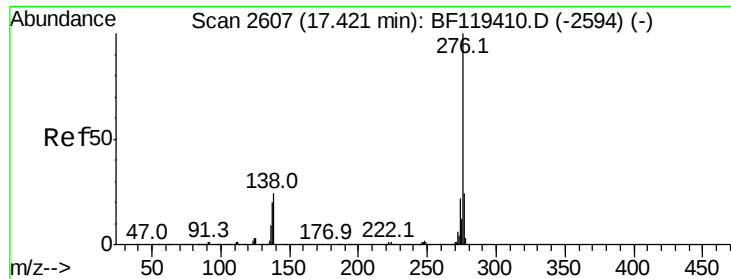
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#90
Benzo(a)pyrene
Concen: 7.994 ng
RT: 15.40 min Scan# 2264
Delta R.T. -0.02 min
Lab File: BF119619.D
Acq: 28 Mar 2020 16:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.2
125	14.2	9.4	14.2#





#92
 Benzo(a,h,i)perylene
 Concen: 4.501 ng
 RT: 17.37 min Scan# 2598
 Delta R.T. -0.03 min
 Lab File: BF119619.D
 Acq: 28 Mar 2020 16:18

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-03-014-ABCD

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.4	27.6
138	24.0	15.4	23.0

Manual Integrations
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