

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF033120\
 Data File : BF119656.D
 Acq On : 31 Mar 2020 17:14
 Operator : MA/SJ
 Sample : L2042-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-1.0-1.5

Manual Integrations
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mohammad
 4/1/2020 11:55:27 AM

Quant Time: Mar 31 17:45:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 31 14:11:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	310578	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1153680	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	558904	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	929548	20.00	ng	0.00
76) Chrysene-d12	14.01	240	538838	20.00	ng	0.00
87) Perylene-d12	15.48	264	549006	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	2001743	102.60	ng	0.01
7) Phenol-d6	6.46	99	2549905	102.31	ng	0.00
23) Nitrobenzene-d5	7.39	82	1575544	74.22	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	569354	98.74	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2710450	71.85	ng	0.00
79) Terphenyl-d14	12.96	244	2367548	86.08	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.59	163	324626	8.177	ng	100
71) Phenanthrene	11.39	178	156773	3.253	ng	97
75) Fluoranthene	12.58	202	252778	4.846	ng	96
78) Pyrene	12.81	202	212599	4.808	ng	96
81) Benzo(a)anthracene	14.00	228	95781	2.733	ng	98
83) Chrysene	14.03	228	84728	2.343	ng	94
88) Benzo(b)fluoranthene	15.05	252	122673m	3.345	ng	
90) Benzo(a)pyrene	15.41	252	80475	2.415	ng	# 88

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

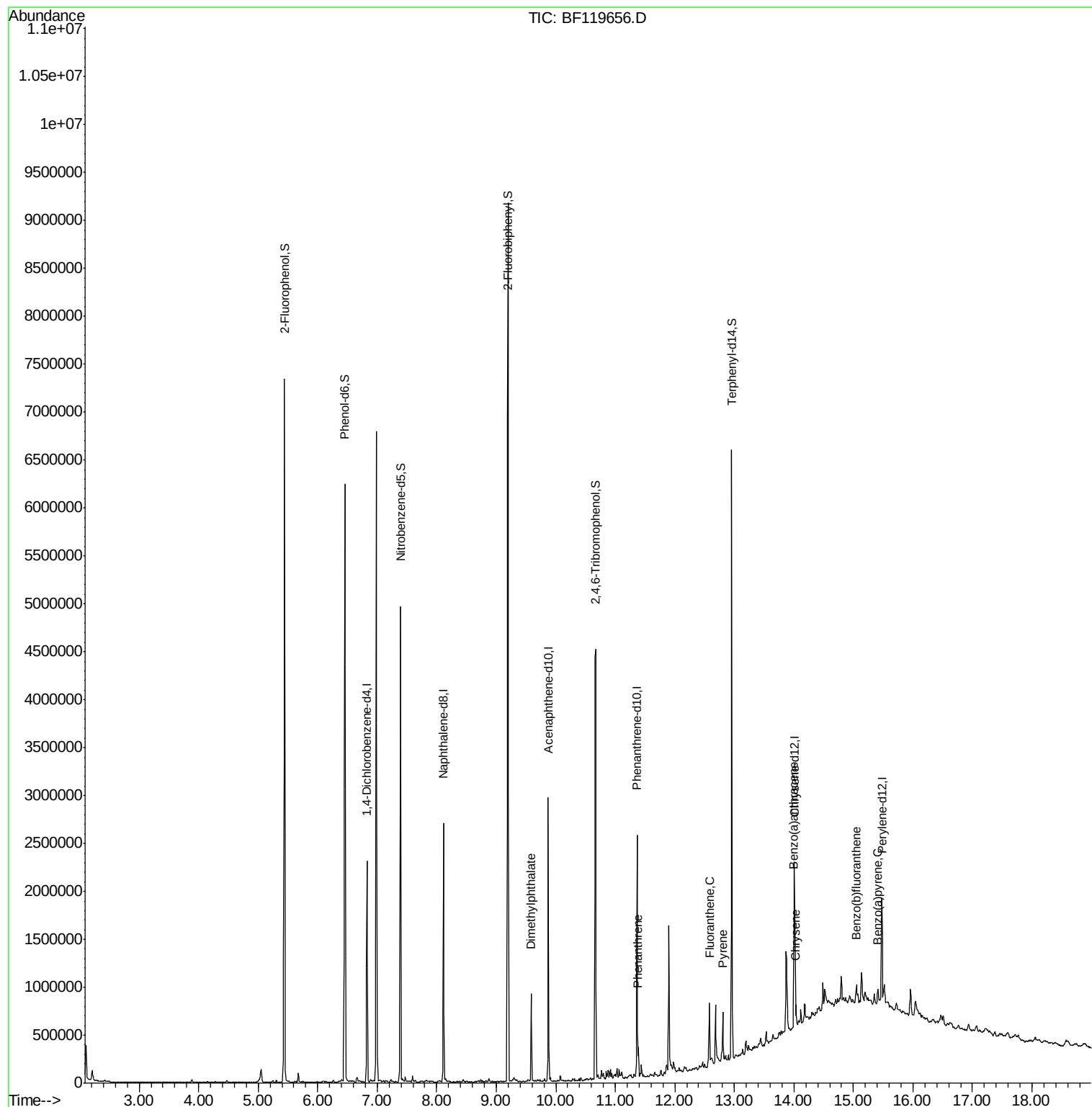
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF033120\
Data File : BF119656.D
Acq On : 31 Mar 2020 17:14
Operator : MA/SJ
Sample : L2042-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

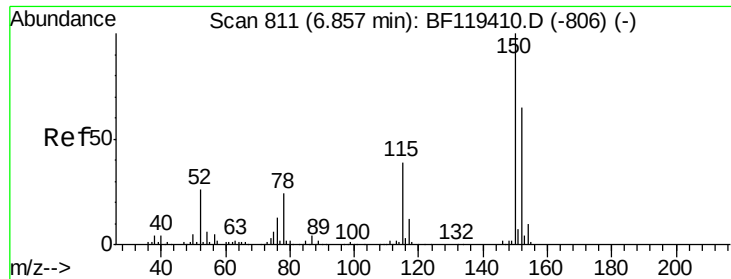
Instrument :
BNA_F
ClientSampleId :
SB-02-1.0-1.5

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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

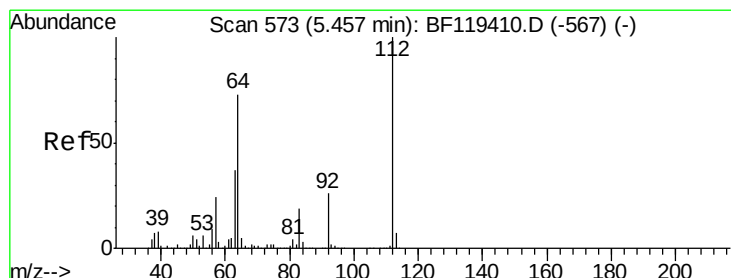
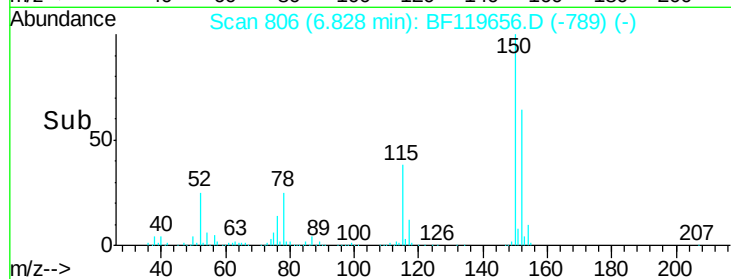
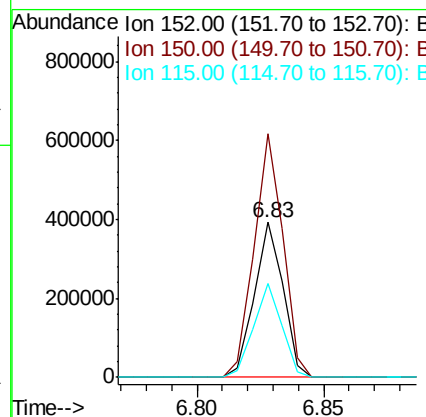
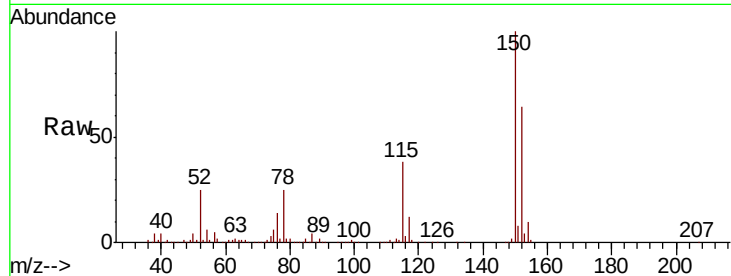
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.00 min
Lab File: BF119656.D
Acq: 31 Mar 2020 17:14

Instrument :
BNA_F
ClientSampleId :
SB-02-1.0-1.5

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.5	186.7
115	60.2	49.6	74.4

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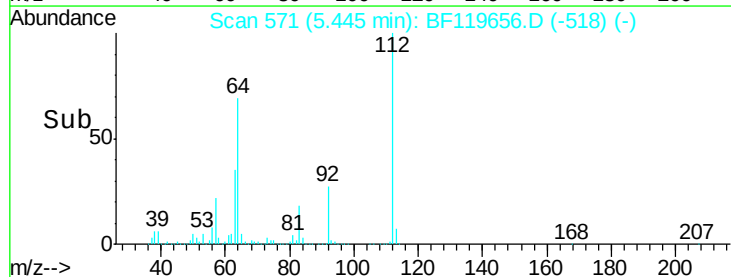
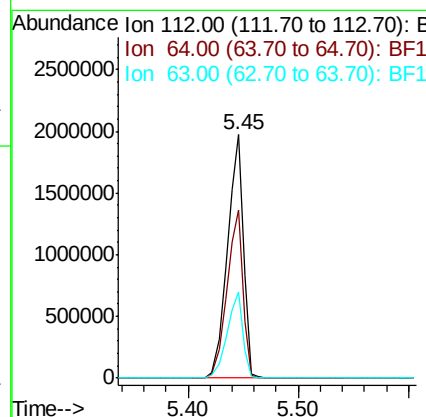
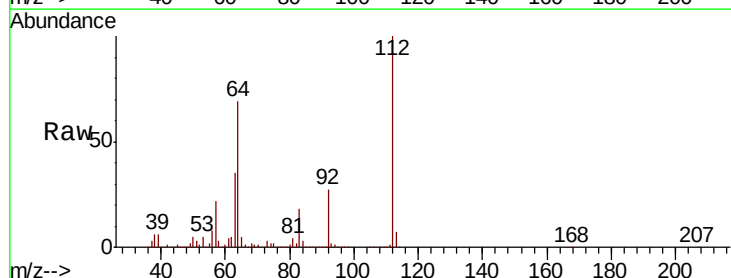
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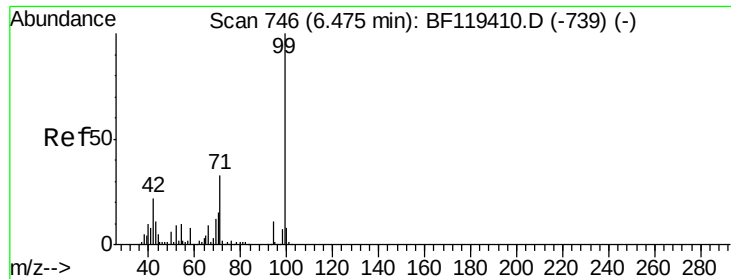


#5

2-Fluorophenol
Concen: 102.602 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF119656.D
Acq: 31 Mar 2020 17:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.1	56.7	85.1
63	35.5	29.5	44.3





#7

Phenol-d6

Concen: 102.314 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF119656.D

Acq: 31 Mar 2020 17:14

Instrument :

BNA_F

ClientSampleId :

SB-02-1.0-1.5

Tot Ion: 99 Resp: 2549905

Ion Ratio Lower Upper

99 100

42 20.1 16.6 24.8

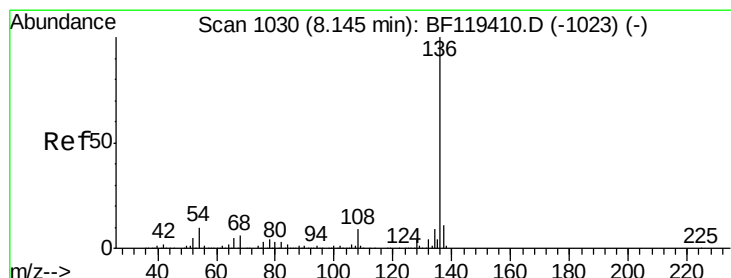
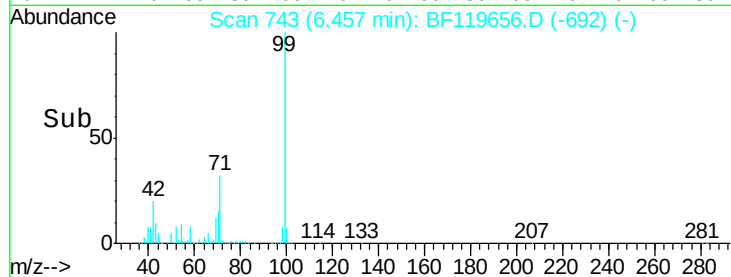
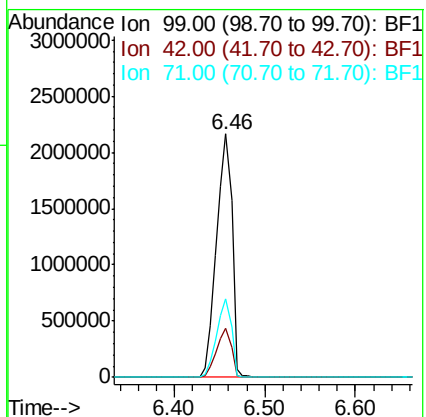
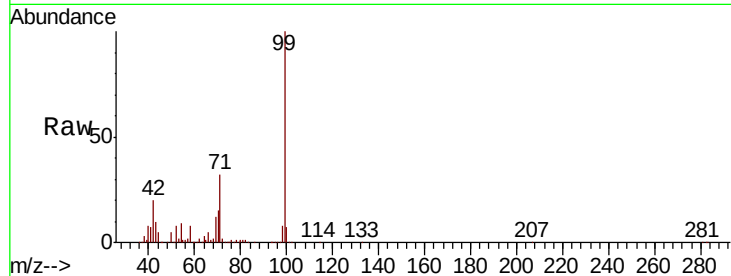
71 32.3 26.4 39.6

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.00 min

Lab File: BF119656.D

Acq: 31 Mar 2020 17:14

Tgt Ion: 136 Resp: 1153680

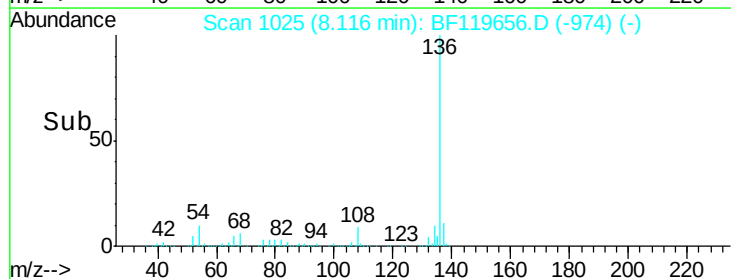
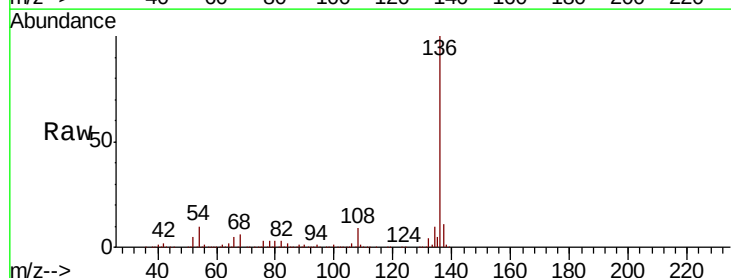
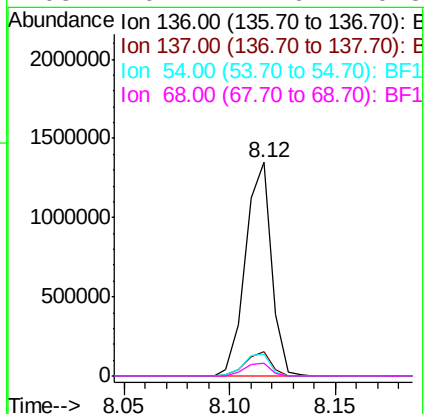
Ion Ratio Lower Upper

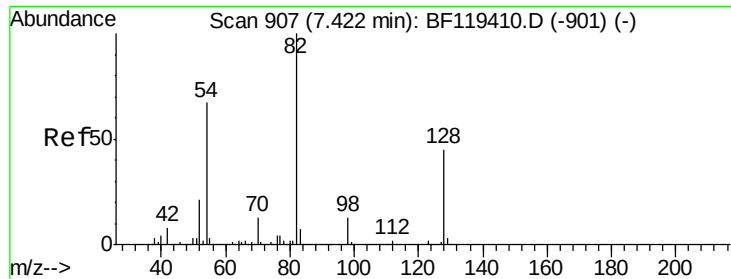
136 100

137 11.1 8.7 13.1

54 10.0 9.1 13.7

68 6.1 4.6 6.8





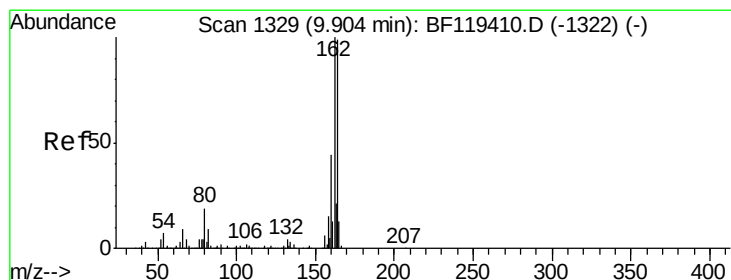
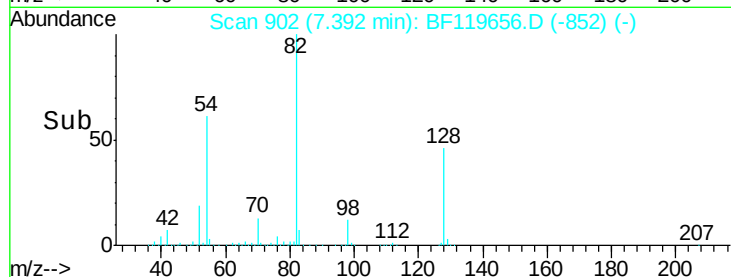
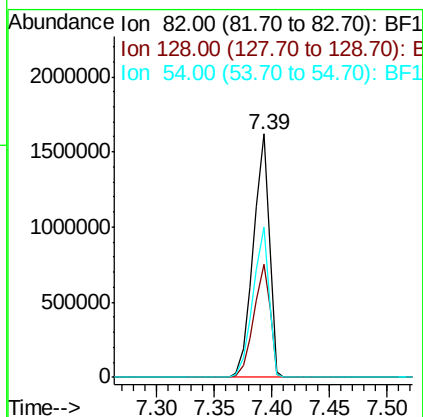
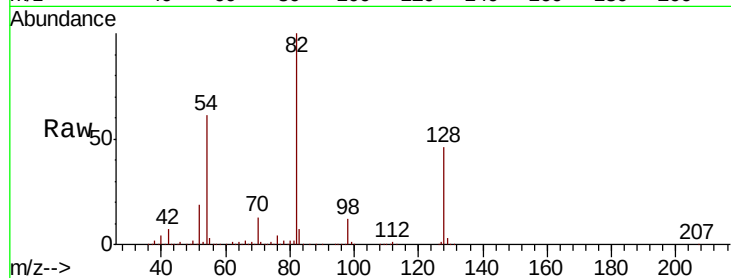
#23
Nitrobenzene-d5
Concen: 74.221 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF119656.D
Acq: 31 Mar 2020 17:14

Instrument :
BNA_F
ClientSampleId :
SB-02-1.0-1.5

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.4	36.3	54.5
54	61.5	50.6	75.8

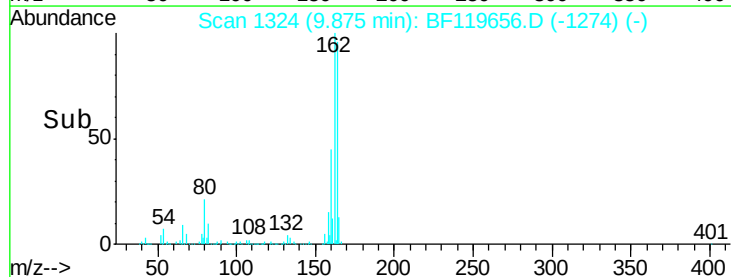
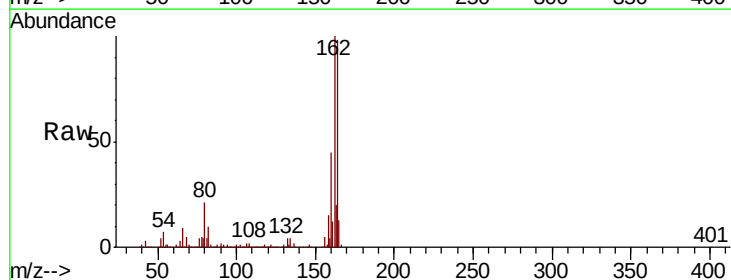
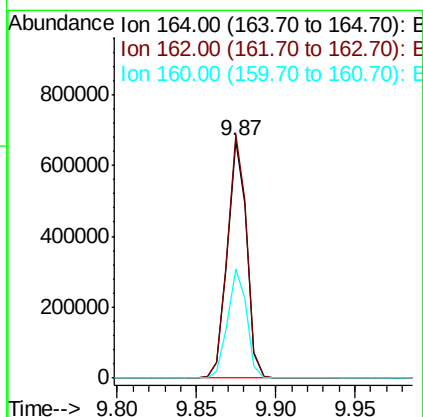
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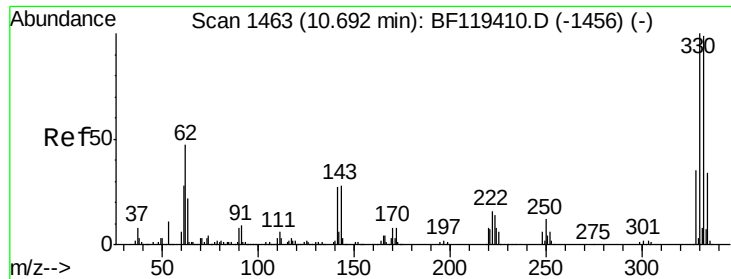
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF119656.D
Acq: 31 Mar 2020 17:14

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.4	80.6	121.0
160	45.7	35.7	53.5





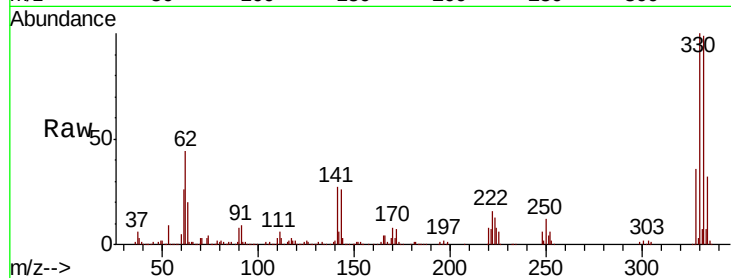
#42
 2,4,6-Tribromophenol
 Concen: 98.743 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF119656.D
 Acq: 31 Mar 2020 17:14

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-1.0-1.5

Tot Ion	Ratio	Resp	Lower	Upper
330	100	569354		
332	97.1		75.7	113.5
141	31.5		25.4	38.0

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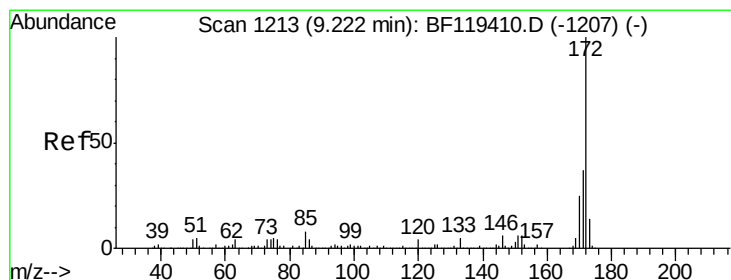
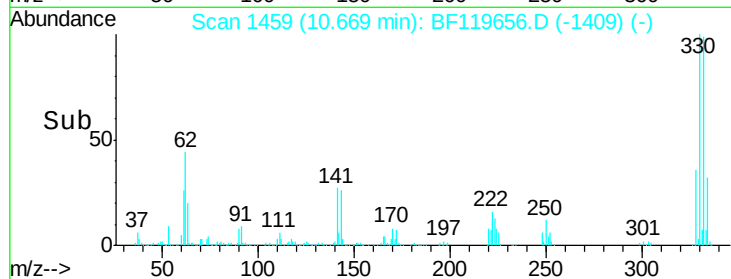
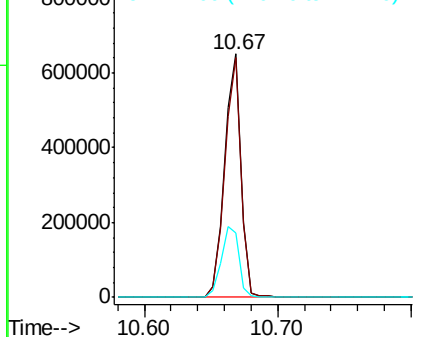


Abundance

Ion 329.80 (329.50 to 330.50): E

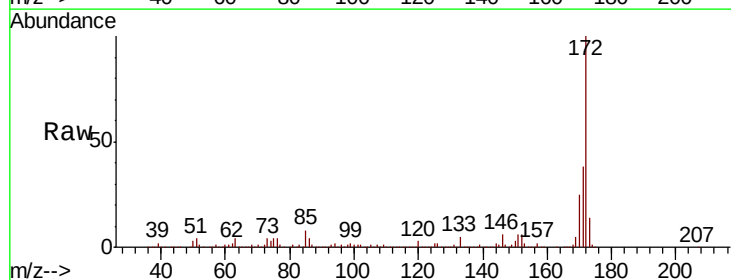
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 71.845 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.00 min
 Lab File: BF119656.D
 Acq: 31 Mar 2020 17:14

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2710450		
171	37.7		29.6	44.4
170	25.3		20.2	30.2

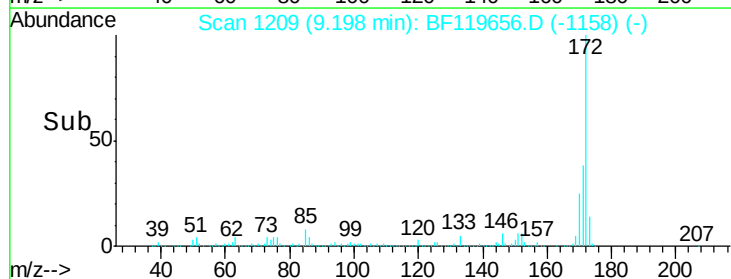
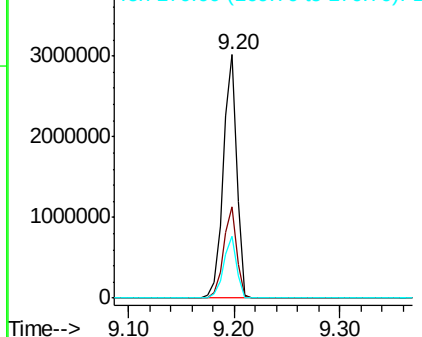


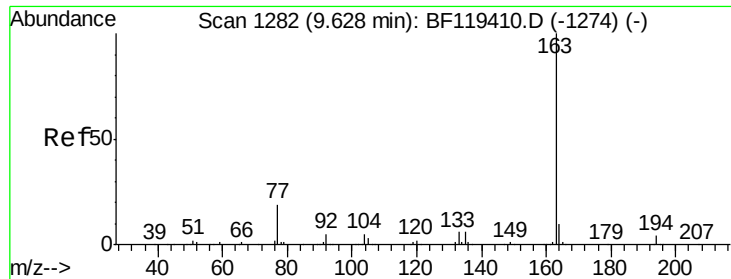
Abundance

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





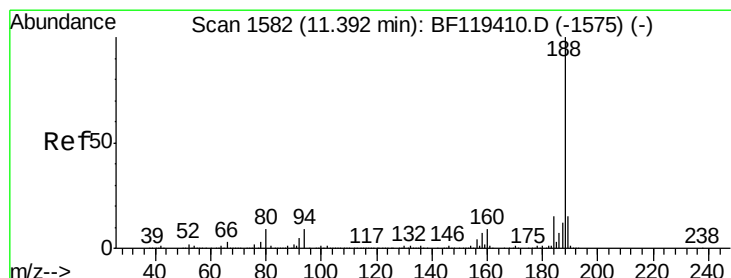
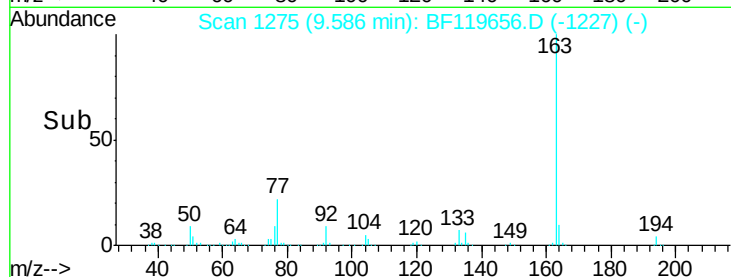
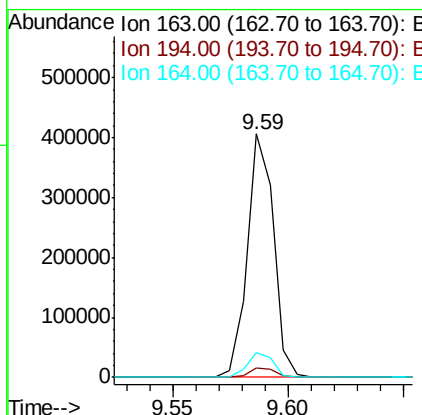
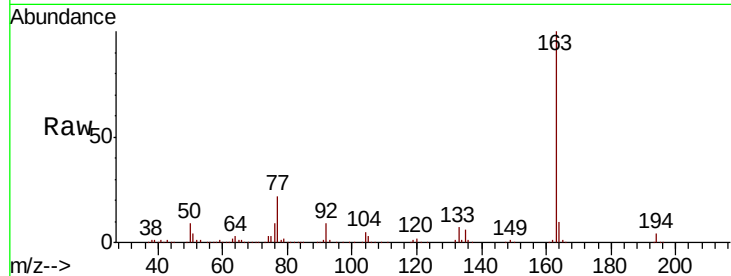
#50
Dimethylphthalate
Concen: 8.177 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF119656.D
Acq: 31 Mar 2020 17:14

Instrument :
BNA_F
ClientSampleId :
SB-02-1.0-1.5

Tot Ion	Ratio	Resp	Lower	Upper
163	100	324626		
194	3.7		3.1	4.7
164	10.2		8.2	12.2

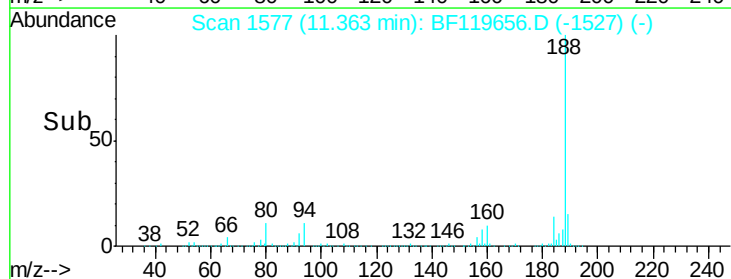
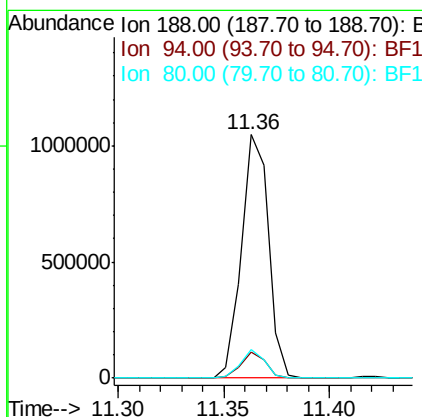
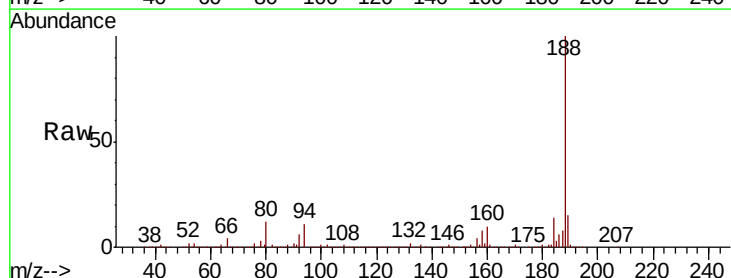
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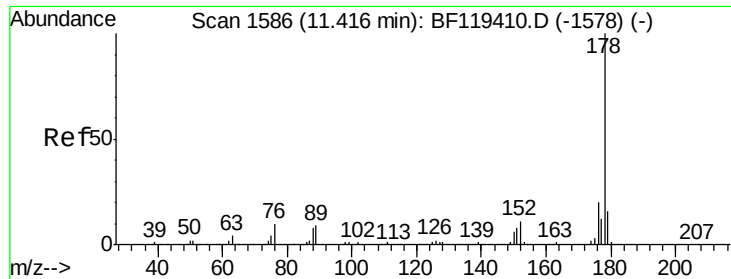
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF119656.D
Acq: 31 Mar 2020 17:14

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	929548		
94	10.8		7.5	11.3
80	11.5		9.0	13.4





#71

Phenanthrene

Concen: 3.253 ng

RT: 11.39 min Scan# 1581

Delta R.T. -0.01 min

Lab File: BF119656.D

Acq: 31 Mar 2020 17:14

Instrument :

BNA_F

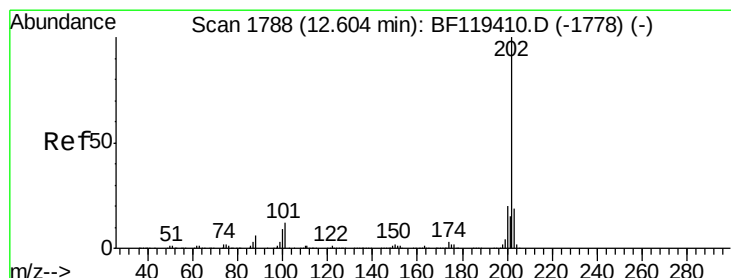
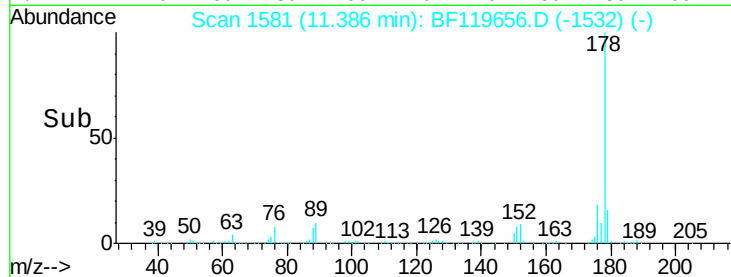
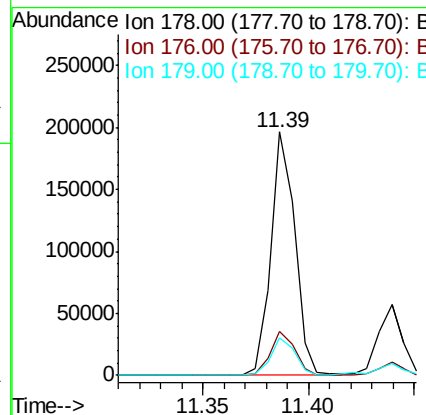
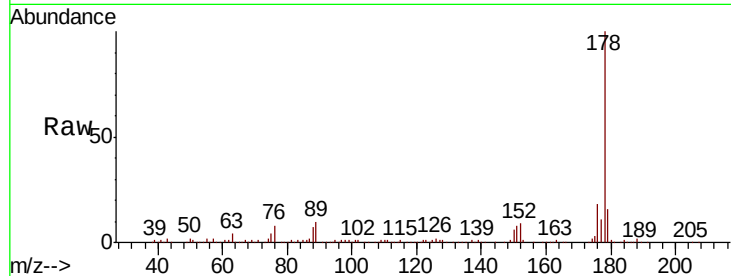
ClientSampleId :

SB-02-1.0-1.5

Tot Ion:	178	Resp:	156773
Ion Ratio	Lower	Upper	
178	100		
176	18.3	16.2	24.4
179	15.5	13.2	19.8

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#75

Fluoranthene

Concen: 4.846 ng

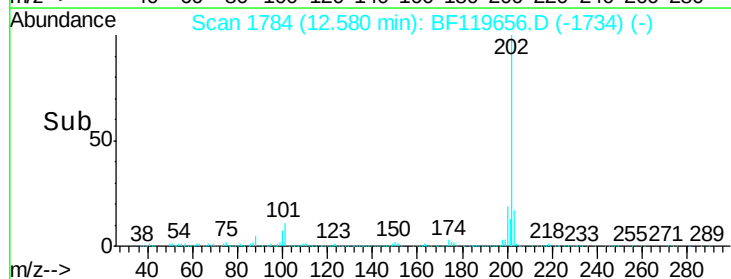
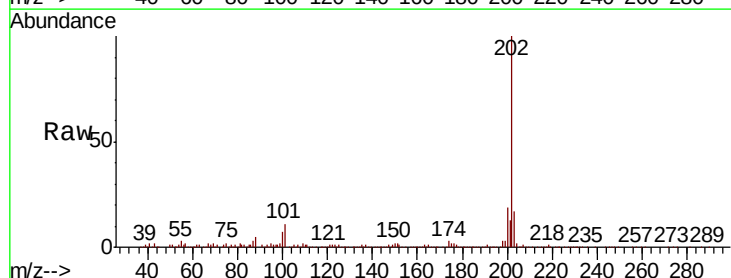
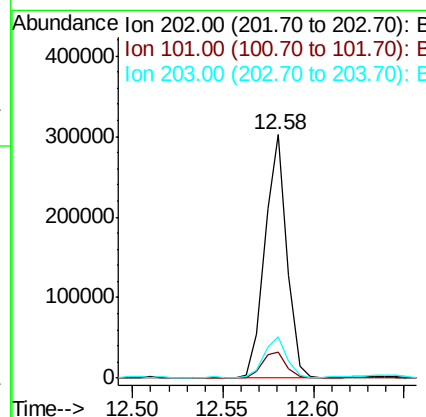
RT: 12.58 min Scan# 1784

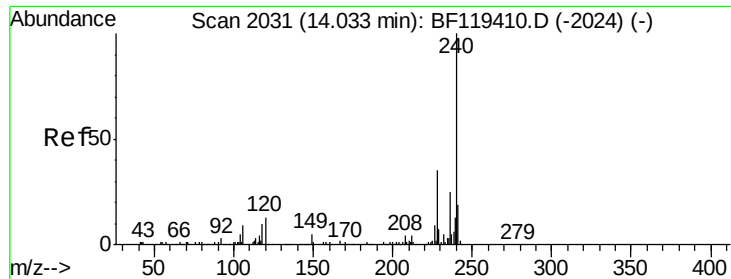
Delta R.T. -0.01 min

Lab File: BF119656.D

Acq: 31 Mar 2020 17:14

Tgt Ion:	202	Resp:	252778
Ion Ratio	Lower	Upper	
202	100		
101	10.6	0.0	32.2
203	17.0	0.0	38.8





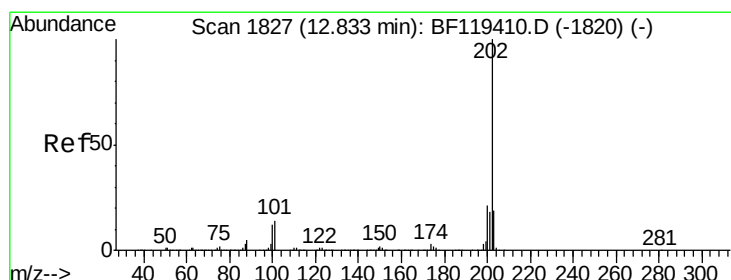
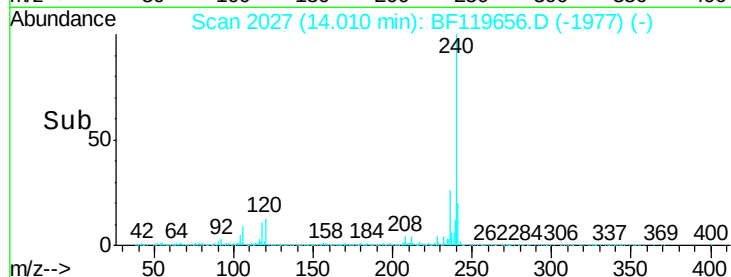
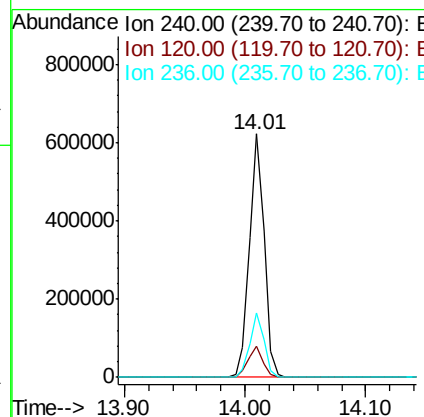
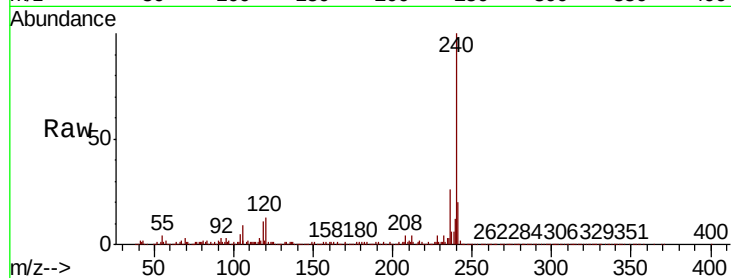
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF119656.D
Acq: 31 Mar 2020 17:14

Instrument :
BNA_F
ClientSampleId :
SB-02-1.0-1.5

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.8	10.6	15.8
236	26.4	20.2	30.2

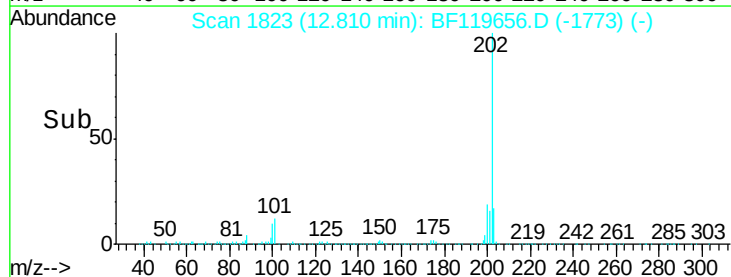
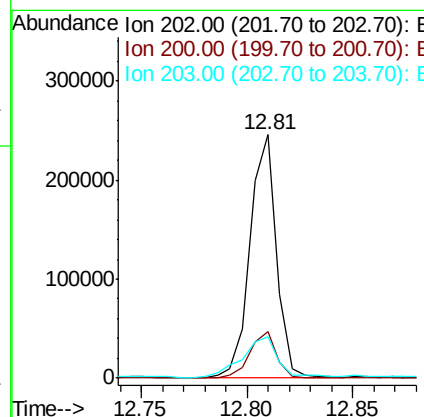
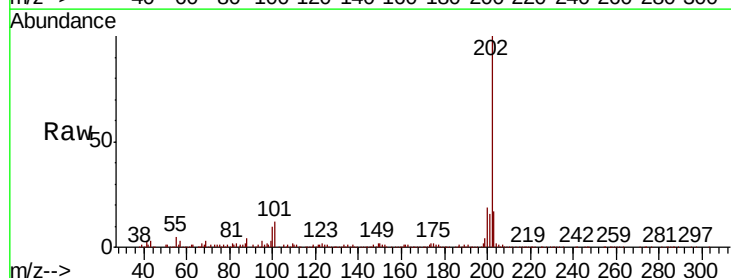
Manual Integrations
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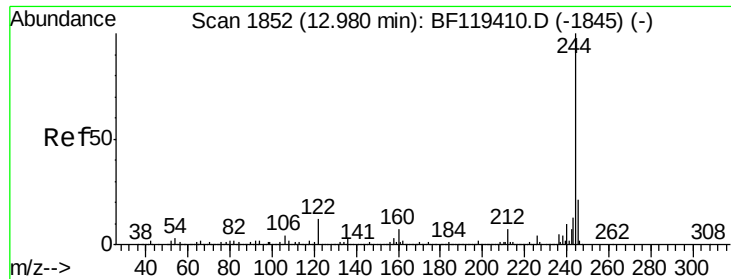
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#78
Pyrene
Concen: 4.808 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BF119656.D
Acq: 31 Mar 2020 17:14

Tgt Ion	Ratio	Lower	Upper
202	100		
200	18.9	16.8	25.2
203	17.2	15.1	22.7





#79

Terphenyl-d14

Concen: 86.084 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF119656.D

Acq: 31 Mar 2020 17:14

Instrument :

BNA_F

ClientSampleId :

SB-02-1.0-1.5

Tot Ion:244 Resp: 2367548

Ion Ratio Lower Upper

244 100

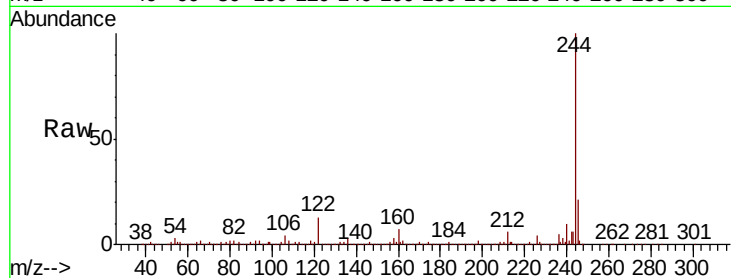
212 6.5 5.8 8.8

122 12.7 10.3 15.5

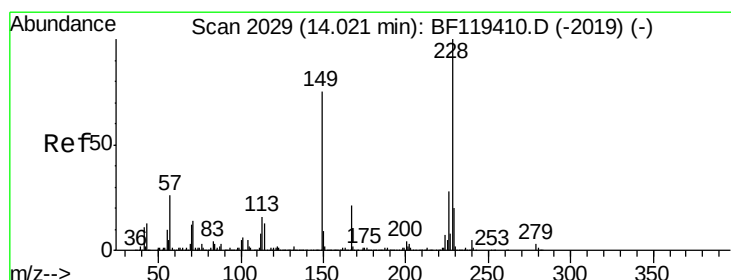
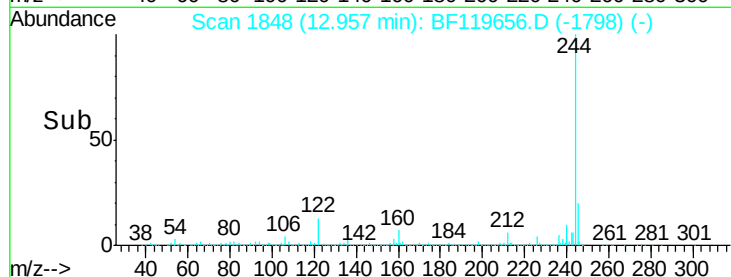
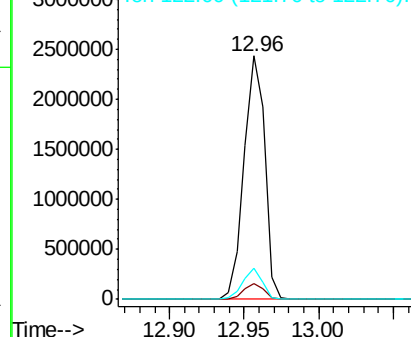
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#81

Benzo(a)anthracene

Concen: 2.733 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF119656.D

Acq: 31 Mar 2020 17:14

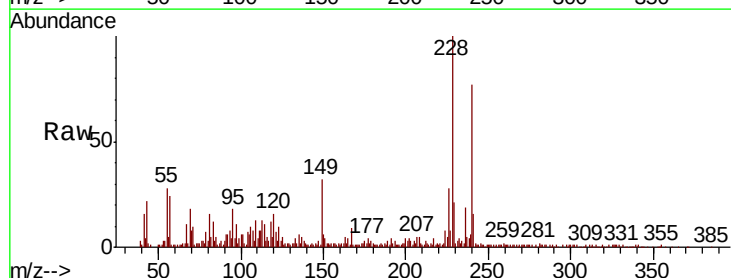
Tgt Ion:228 Resp: 95781

Ion Ratio Lower Upper

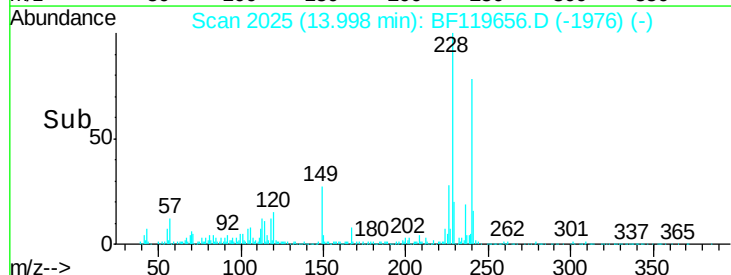
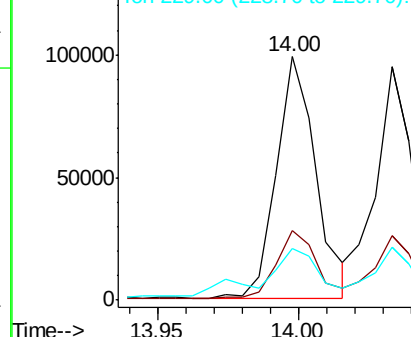
228 100

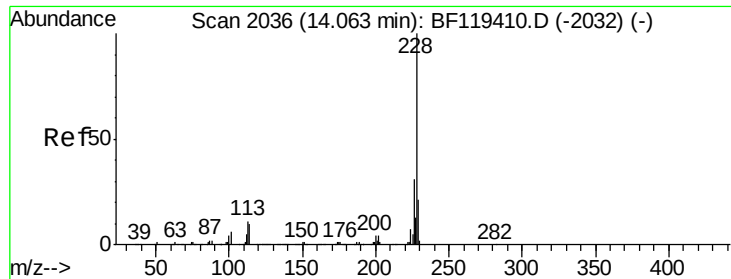
226 28.4 21.8 32.8

229 21.4 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





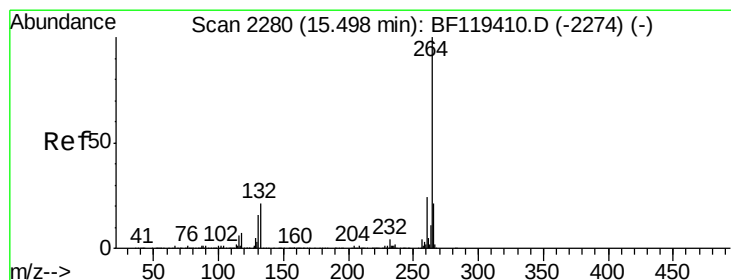
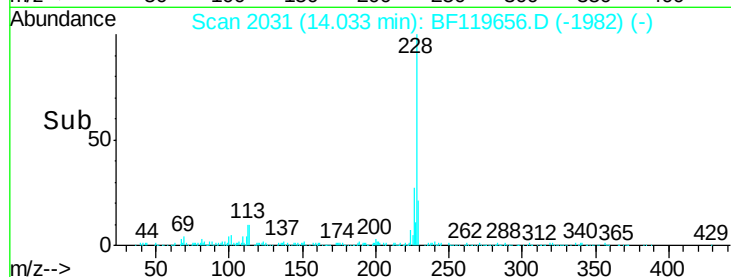
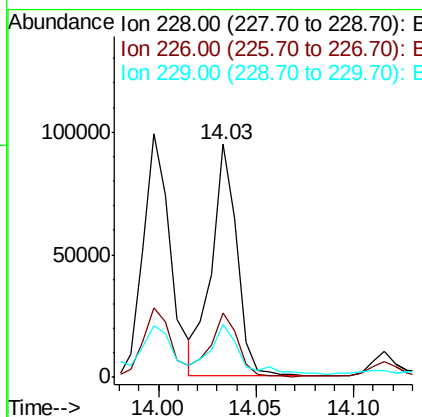
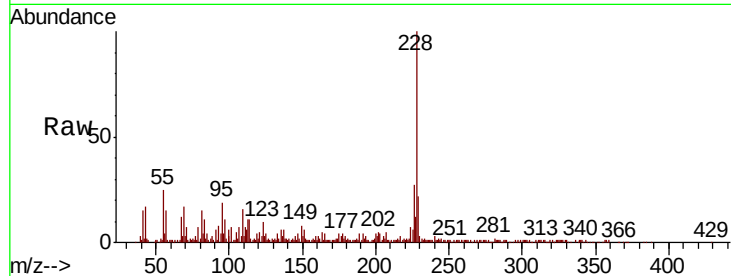
#83
Chrysene
Concen: 2.343 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF119656.D
Acq: 31 Mar 2020 17:14

Instrument :
BNA_F
ClientSampleId :
SB-02-1.0-1.5

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.4	25.4	38.0
229	22.5	16.6	24.8

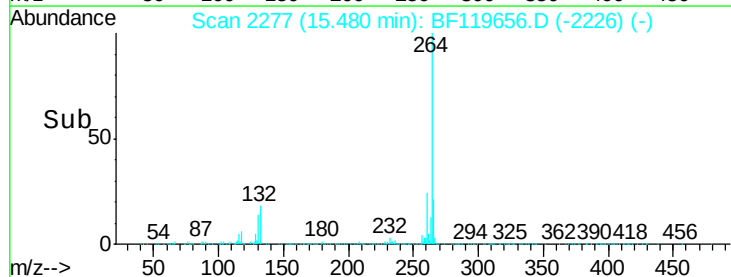
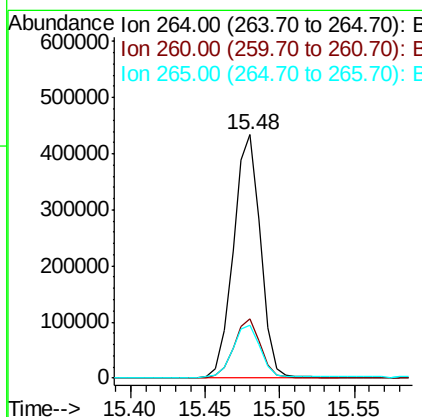
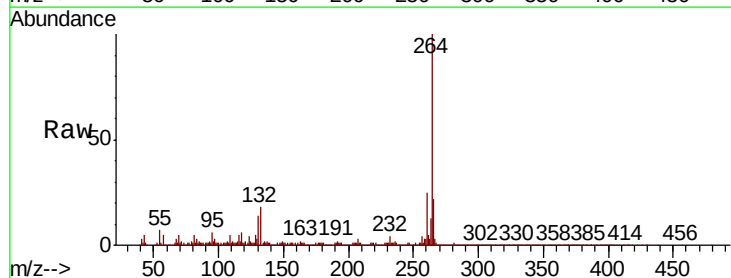
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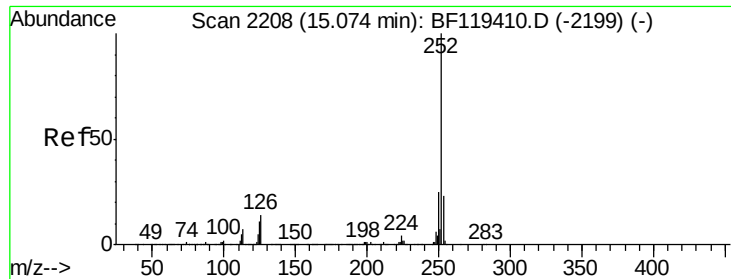
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.48 min Scan# 2277
Delta R.T. -0.00 min
Lab File: BF119656.D
Acq: 31 Mar 2020 17:14

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.7	28.1
265	21.5	17.7	26.5





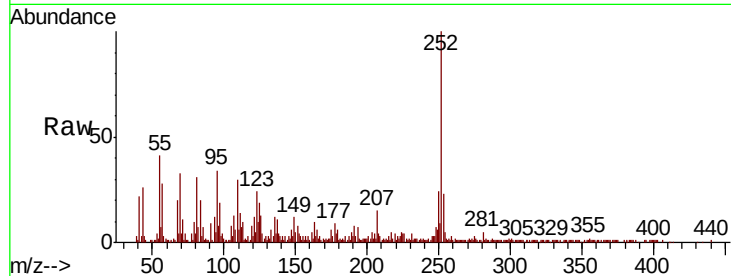
#88
Benzo(b)fluoranthene
Concen: 3.345 ng m
RT: 15.05 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BF119656.D
Acq: 31 Mar 2020 17:14

Instrument :
BNA_F
ClientSampleId :
SB-02-1.0-1.5

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.4	26.0
125	18.7	7.9	11.9#

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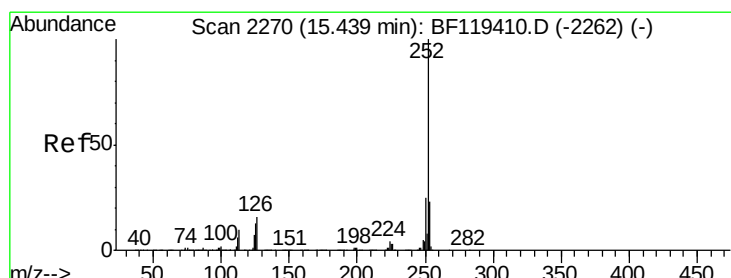
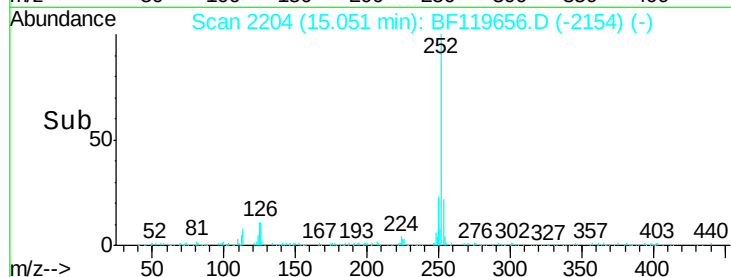
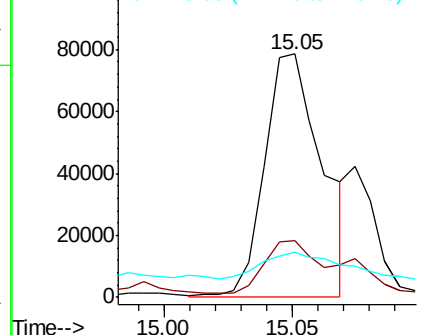


Abundance

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



#90
Benzo(a)pyrene
Concen: 2.415 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF119656.D
Acq: 31 Mar 2020 17:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.2	27.2
125	23.2	9.4	14.2#

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

