

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032421\
 Data File : BF123437.D
 Acq On : 24 Mar 2021 14:04
 Operator : JU/CG
 Sample : M1720-13
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-4A-(0.5-1.0)

Manual Integrations
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Quant Time: Mar 24 14:26:58 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 24 12:51:15 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	229776	20.00	ng	0.00
21) Naphthalene-d8	8.198	136	861582	20.00	ng	# 0.00
39) Acenaphthene-d10	9.957	164	475990	20.00	ng	0.00
64) Phenanthrene-d10	11.451	188	768066	20.00	ng	0.00
76) Chrysene-d12	14.098	240	409082	20.00	ng	-0.01
86) Perylene-d12	15.604	264	430214	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	1257549	89.53	ng	0.00
7) Phenol-d6	6.534	99	1564483	83.68	ng	0.00
23) Nitrobenzene-d5	7.475	82	1080400	67.68	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	473287	88.94	ng	0.00
45) 2-Fluorobiphenyl	9.275	172	1960695	58.85	ng	0.00
79) Terphenyl-d14	13.039	244	1618012	67.03	ng	-0.01
Target Compounds						Qvalue
75) Fluoranthene	12.663	202	159869	3.48	ng	98
78) Pyrene	12.892	202	123659	3.50	ng	96
88) Benzo(b)fluoranthene	15.157	252	60935m	2.05	ng	

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

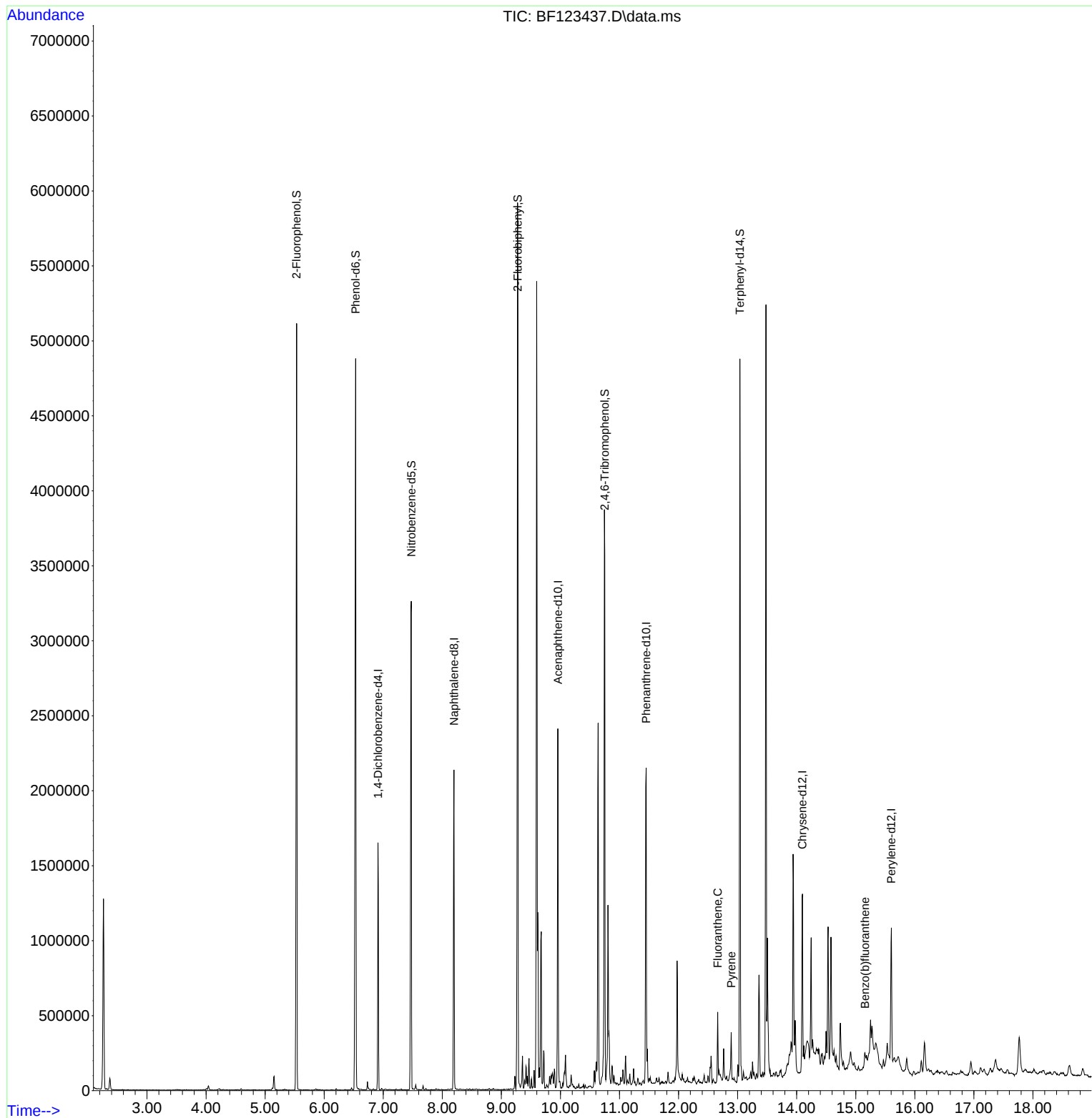
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032421\
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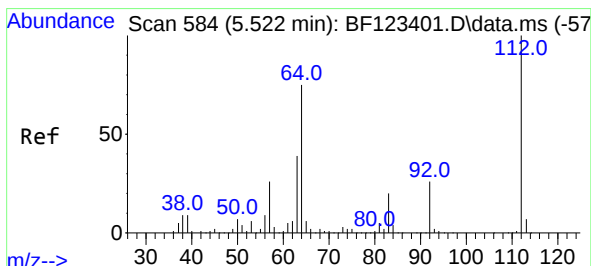
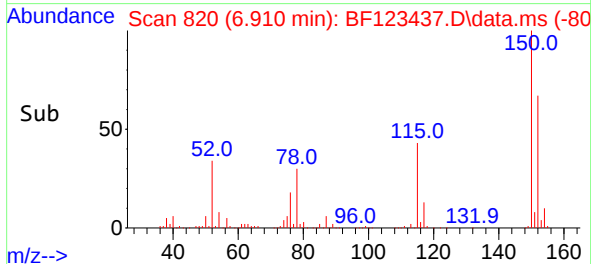
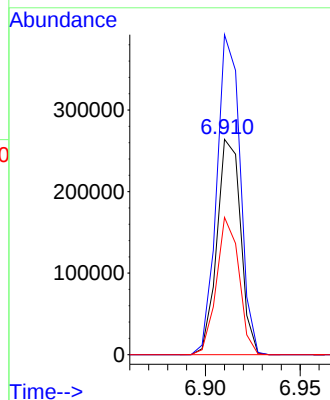
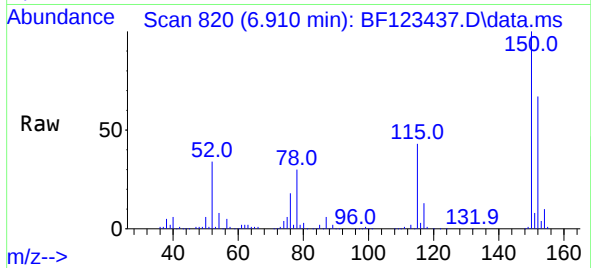
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.910 min Scan# 820
Delta R.T. -0.006 min
Lab File: BF123437.D
Acq: 24 Mar 2021 14:04

Tgt Ion:152 Resp: 229776
Ion Ratio Lower Upper
152 100
150 148.5 125.8 188.6
115 63.7 49.3 73.9

Instrument :
BNA_F
ClientSampled :
SB-4A-(0.5-1.0)

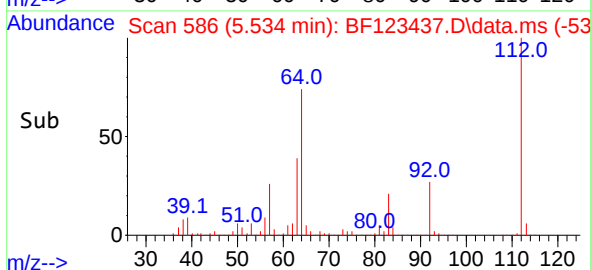
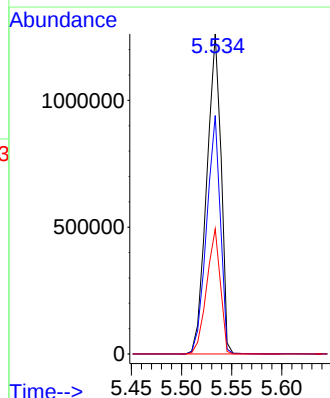
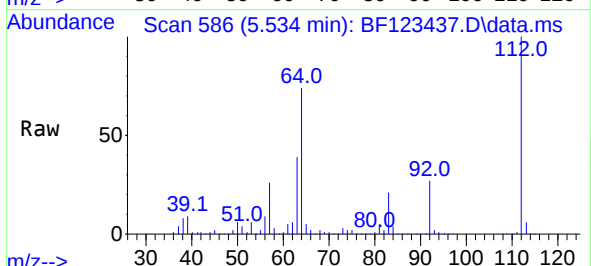
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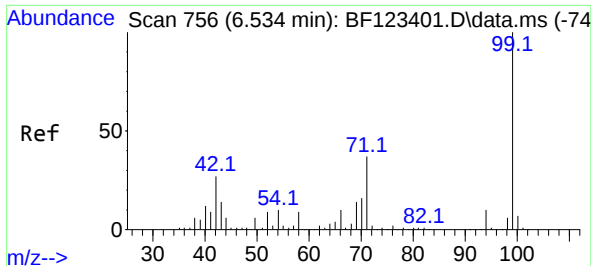
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#5
2-Fluorophenol
Concen: 89.53 ng
RT: 5.534 min Scan# 586
Delta R.T. 0.006 min
Lab File: BF123437.D
Acq: 24 Mar 2021 14:04

Tgt Ion:112 Resp: 1257549
Ion Ratio Lower Upper
112 100
64 74.5 46.9 70.3#
63 39.1 24.5 36.7#





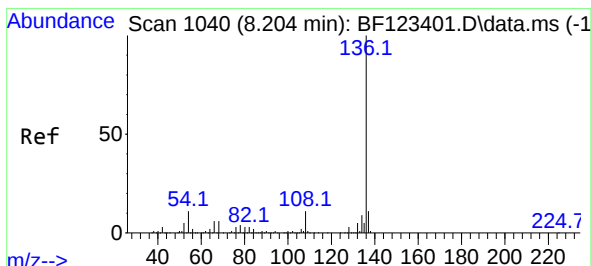
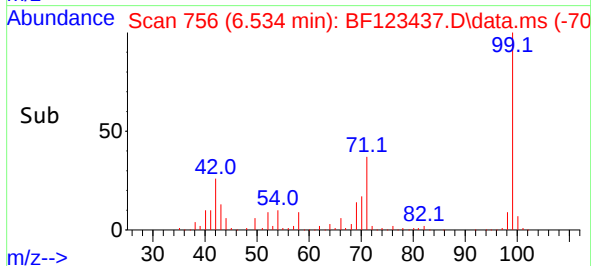
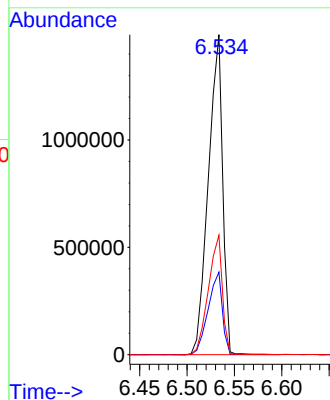
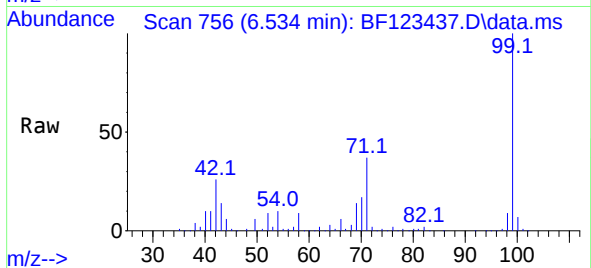
#7
Phenol-d6
Concen: 83.68 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF123437.D
Acq: 24 Mar 2021 14:04

Tgt Ion: 99 Resp: 1564483
Ion Ratio Lower Upper
99 100
42 25.8 13.8 20.6#
71 37.3 26.9 40.3

Instrument :
BNA_F
ClientSampleId :
SB-4A-(0.5-1.0)

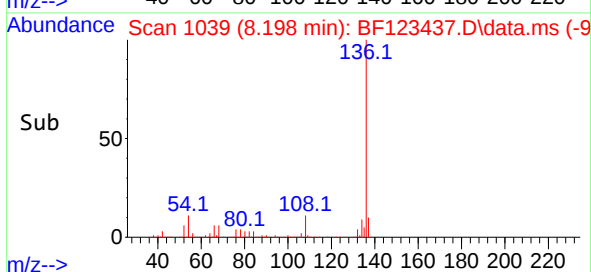
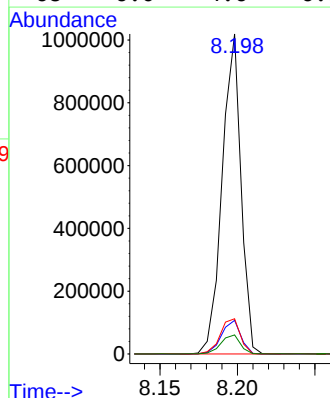
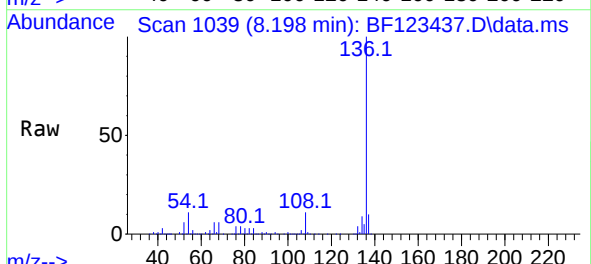
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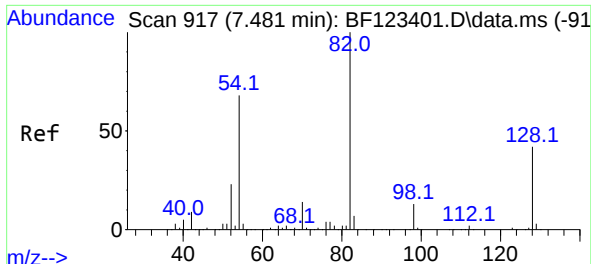
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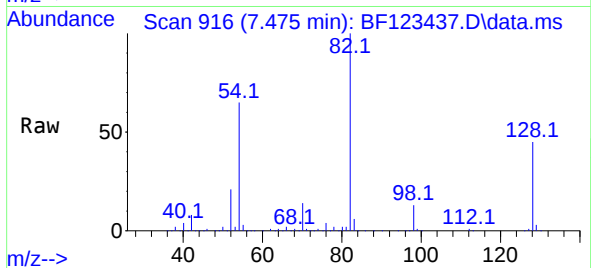
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.000 min
Lab File: BF123437.D
Acq: 24 Mar 2021 14:04

Tgt Ion: 136 Resp: 861582
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 11.0 5.5 8.3#
68 6.0 4.6 6.8

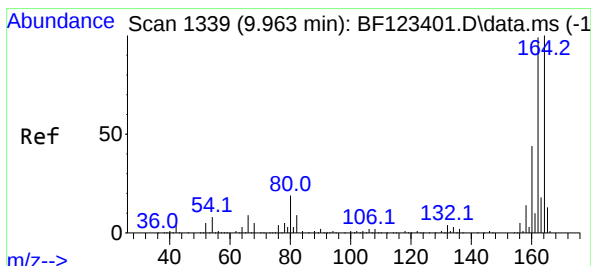
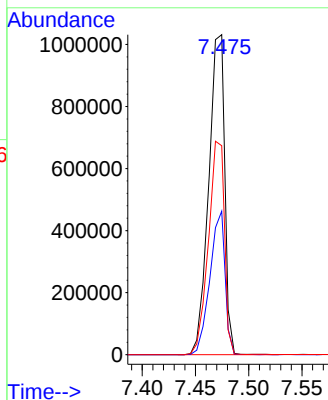
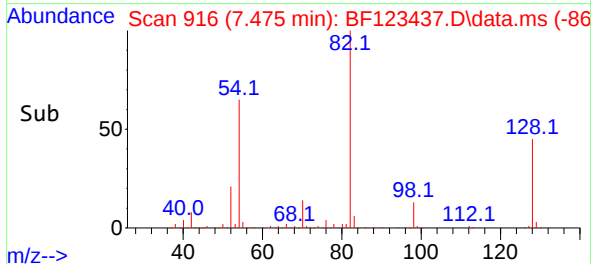




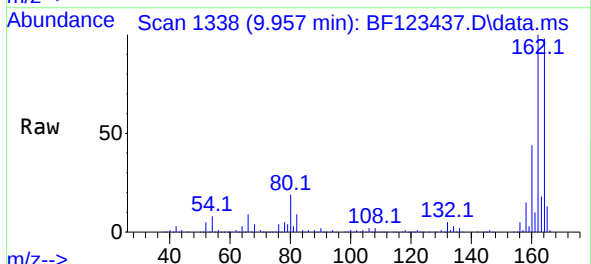
#23
Nitrobenzene-d5
Concen: 67.68 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF123437.D
Acq: 24 Mar 2021 14:04



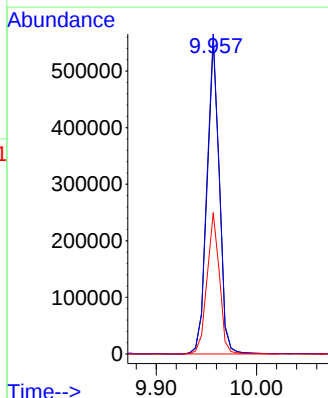
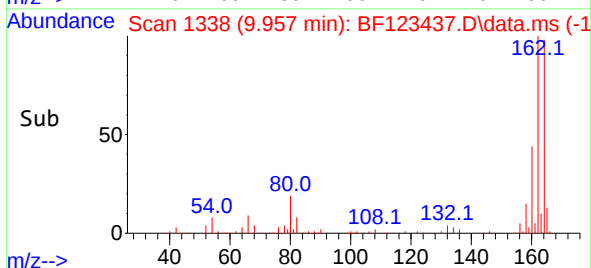
Tgt Ion: 82 Resp: 1080400
Ion Ratio Lower Upper
82 100
128 44.8 37.0 55.4
54 65.3 38.4 57.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF123437.D
Acq: 24 Mar 2021 14:04



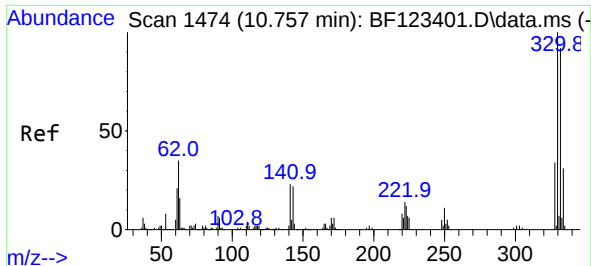
Tgt Ion: 164 Resp: 475990
Ion Ratio Lower Upper
164 100
162 102.2 80.8 121.2
160 45.1 35.4 53.0



Instrument :
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SB-4A-(0.5-1.0)

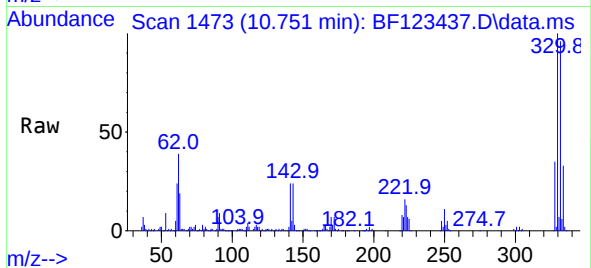
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#42
2,4,6-Tribromophenol
Concen: 88.94 ng
RT: 10.751 min Scan# 1473
Delta R.T. -0.006 min
Lab File: BF123437.D
Acq: 24 Mar 2021 14:04

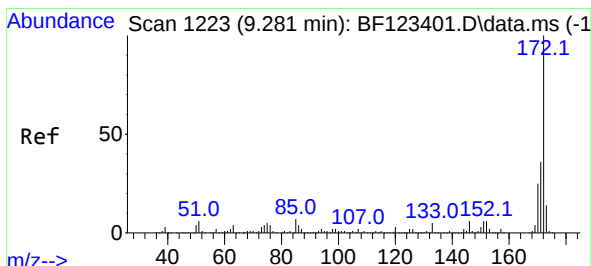
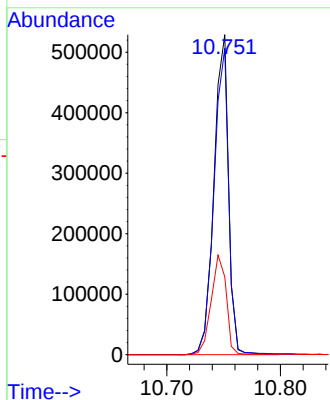
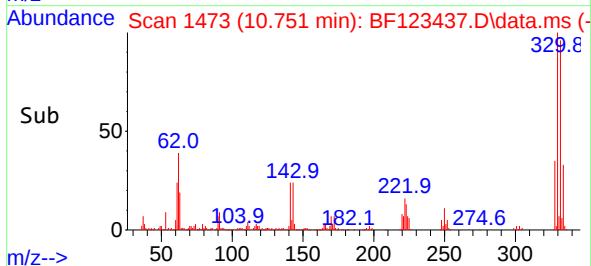
Instrument :
BNA_F
ClientSampled :
SB-4A-(0.5-1.0)



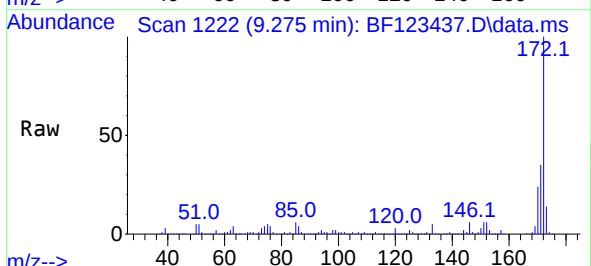
Tgt Ion:330 Resp: 473287
Ion Ratio Lower Upper
330 100
332 96.5 77.5 116.3
141 32.1 23.8 35.8

Manual Integrations
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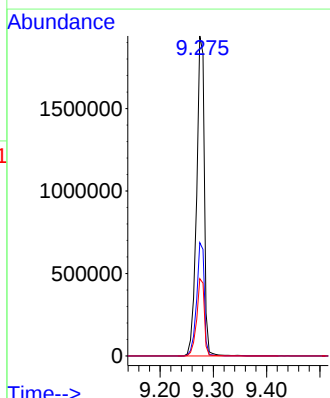
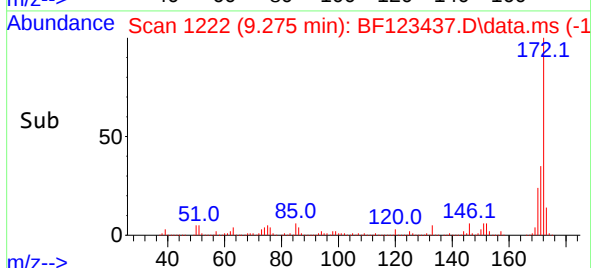
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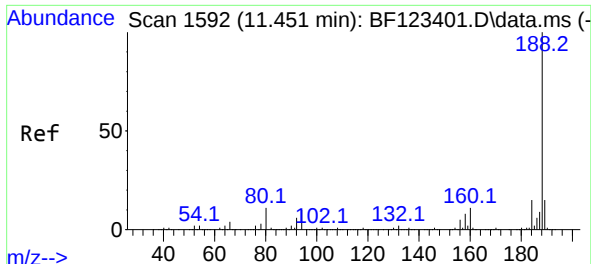


#45
2-Fluorobiphenyl
Concen: 58.85 ng
RT: 9.275 min Scan# 1222
Delta R.T. -0.006 min
Lab File: BF123437.D
Acq: 24 Mar 2021 14:04



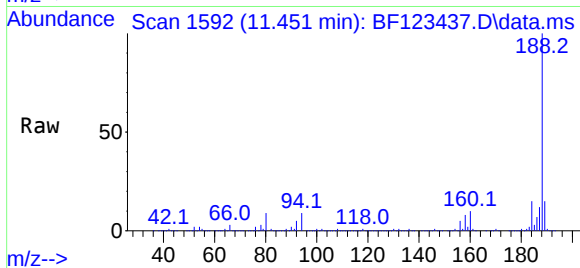
Tgt Ion:172 Resp: 1960695
Ion Ratio Lower Upper
172 100
171 35.4 29.6 44.4
170 24.2 19.5 29.3





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.451 min Scan# 1592
Delta R.T. -0.000 min
Lab File: BF123437.D
Acq: 24 Mar 2021 14:04

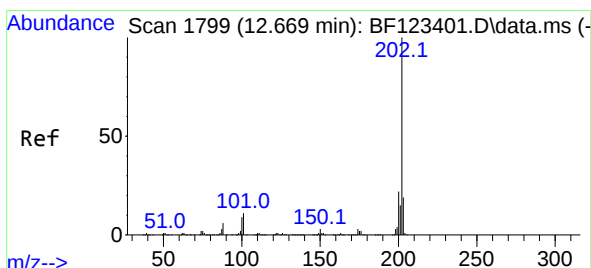
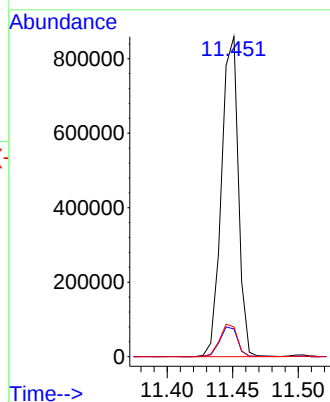
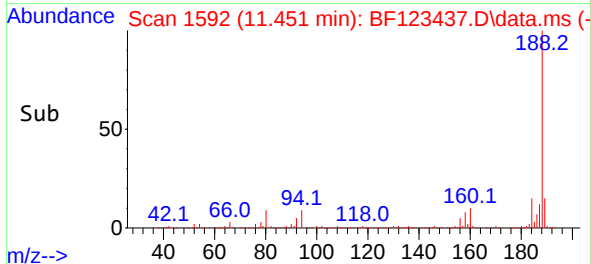
Instrument :
BNA_F
ClientSampleId :
SB-4A-(0.5-1.0)



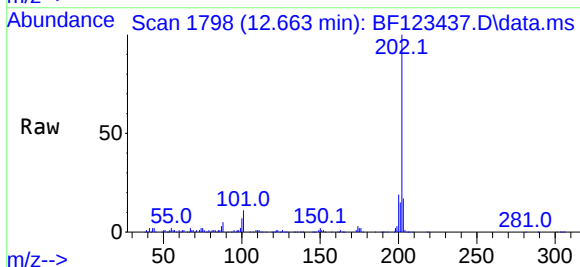
Tgt Ion:188 Resp: 768066
Ion Ratio Lower Upper
188 100
94 8.6 7.4 11.2
80 9.3 8.2 12.4

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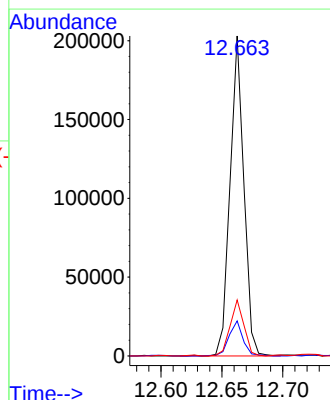
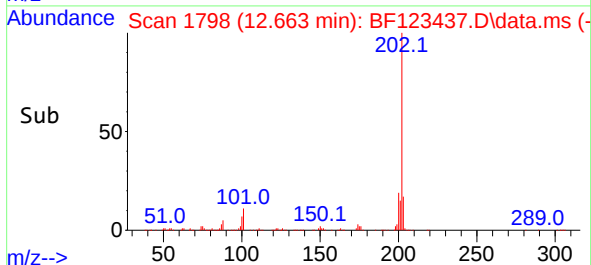
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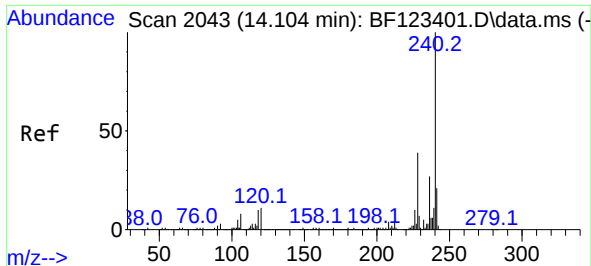


#75
Fluoranthene
Concen: 3.48 ng
RT: 12.663 min Scan# 1798
Delta R.T. -0.012 min
Lab File: BF123437.D
Acq: 24 Mar 2021 14:04

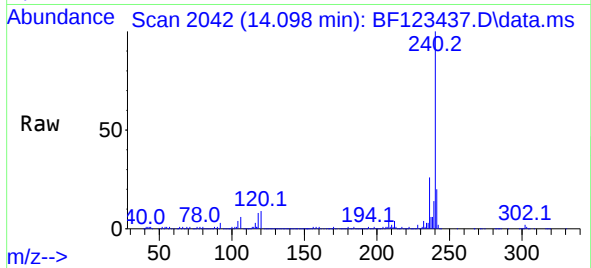


Tgt Ion:202 Resp: 159869
Ion Ratio Lower Upper
202 100
101 11.0 0.0 32.2
203 17.5 0.0 38.1

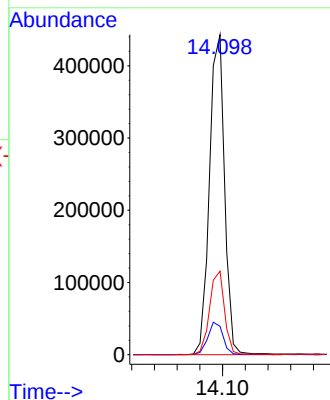
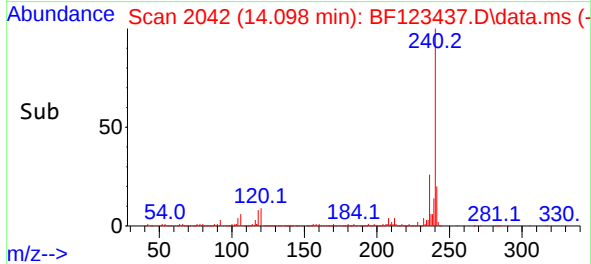




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.098 min Scan# 2042
Delta R.T. -0.012 min
Lab File: BF123437.D
Acq: 24 Mar 2021 14:04



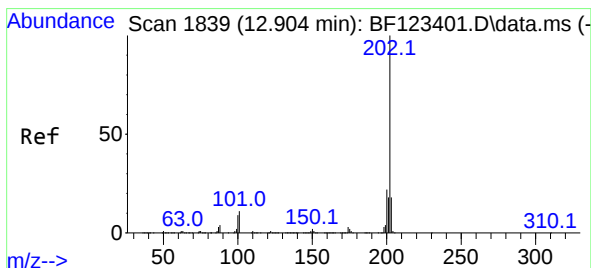
Tgt Ion:240 Resp: 409082
Ion Ratio Lower Upper
240 100
120 8.8 8.6 12.8
236 26.1 20.3 30.5



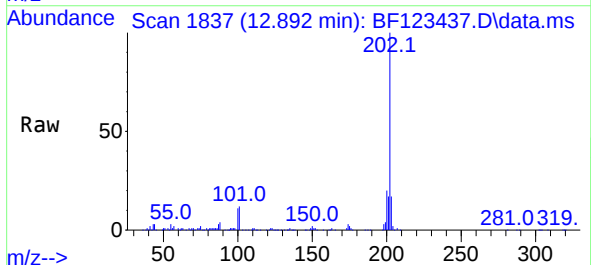
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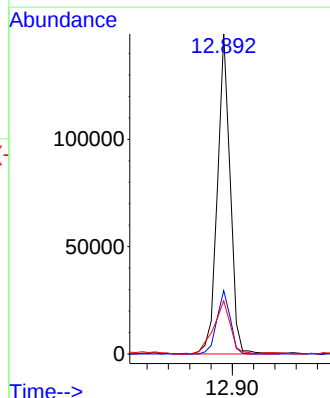
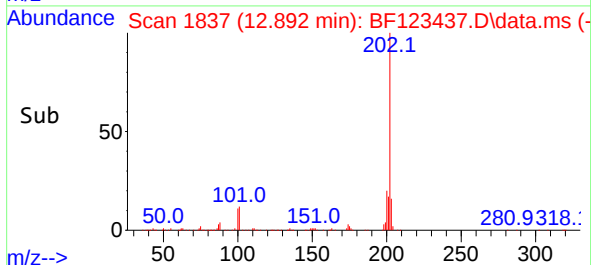
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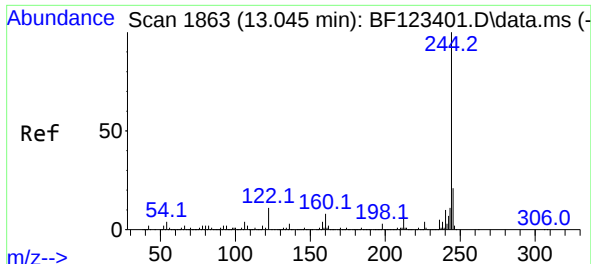


#78
Pyrene
Concen: 3.50 ng
RT: 12.892 min Scan# 1837
Delta R.T. -0.012 min
Lab File: BF123437.D
Acq: 24 Mar 2021 14:04



Tgt Ion:202 Resp: 123659
Ion Ratio Lower Upper
202 100
200 19.8 17.6 26.4
203 16.6 14.6 21.8





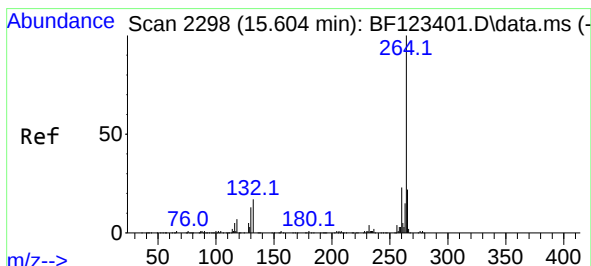
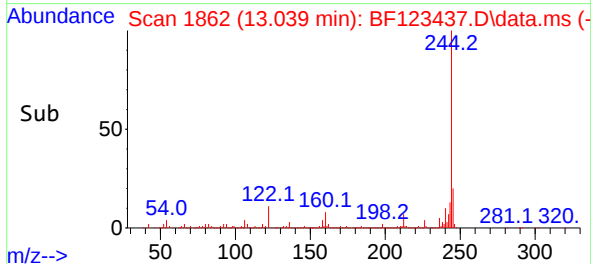
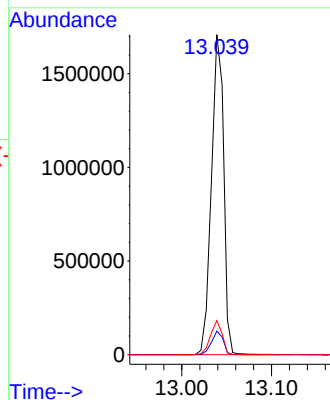
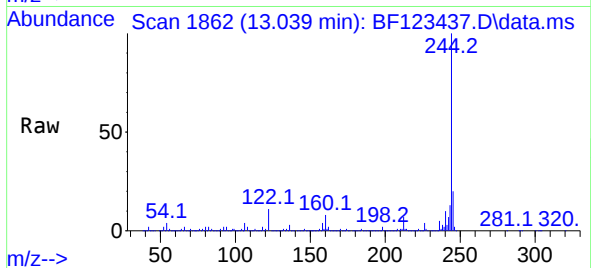
#79
Terphenyl-d14
Concen: 67.03 ng
RT: 13.039 min Scan# 1862
Delta R.T. -0.012 min
Lab File: BF123437.D
Acq: 24 Mar 2021 14:04

Tgt Ion:244 Resp: 1618012
Ion Ratio Lower Upper
244 100
212 7.4 5.7 8.5
122 10.7 8.3 12.5

Instrument :
BNA_F
ClientSampleId :
SB-4A-(0.5-1.0)

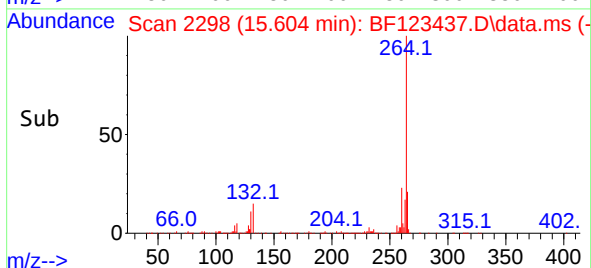
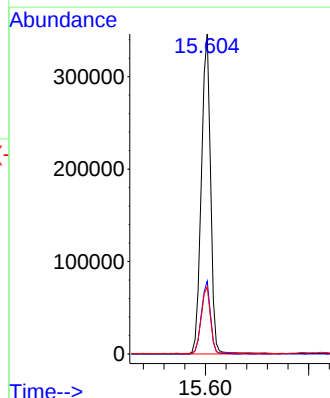
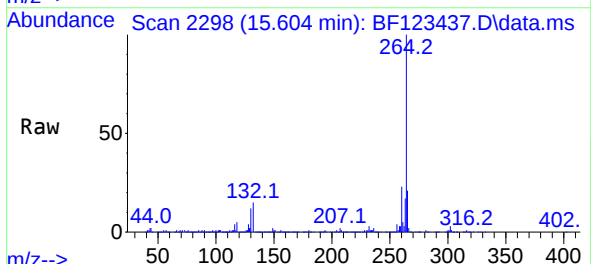
Manual Integrations
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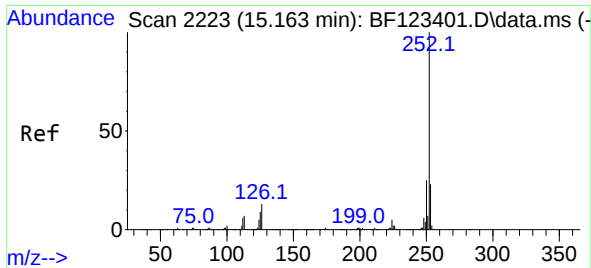
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3/25/2021 11:50:15 AM



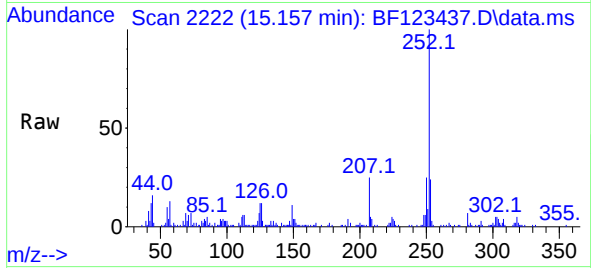
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.604 min Scan# 2298
Delta R.T. -0.006 min
Lab File: BF123437.D
Acq: 24 Mar 2021 14:04

Tgt Ion:264 Resp: 430214
Ion Ratio Lower Upper
264 100
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265 21.0 17.0 25.6

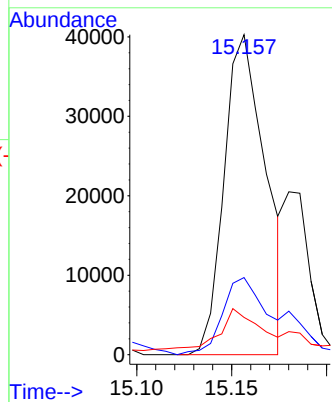
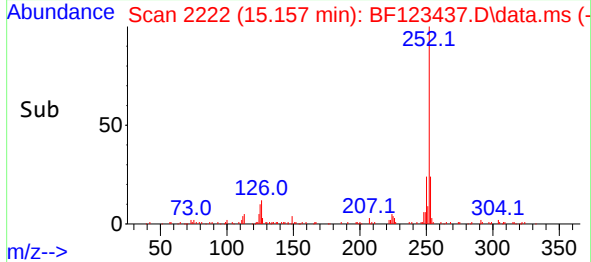




#88
Benzo(b)fluoranthene
Concen: 2.05 ng m
RT: 15.157 min Scan# 2222
Delta R.T. -0.012 min
Lab File: BF123437.D
Acq: 24 Mar 2021 14:04



Tgt Ion:252 Resp: 60935
Ion Ratio Lower Upper
252 100
253 24.1 18.3 27.5
125 11.6 8.1 12.1



Instrument :
BNA_F
ClientSampleId :
SB-4A-(0.5-1.0)

Manual Integrations
APPROVED

mohammad
3/25/2021 11:50:15 AM