

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032321\
 Data File : BF123426.D
 Acq On : 24 Mar 2021 7:00
 Operator : JU/CG
 Sample : M1712-03
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EXTERNAL-PAD-2

Manual Integrations
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Quant Time: Mar 24 07:38:42 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 23 15:58:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	281410	20.00	ng	0.00
21) Naphthalene-d8	8.198	136	1075562	20.00	ng	# 0.00
39) Acenaphthene-d10	9.957	164	588363	20.00	ng	0.00
64) Phenanthrene-d10	11.451	188	897322	20.00	ng	0.00
76) Chrysene-d12	14.098	240	437316	20.00	ng	0.00
86) Perylene-d12	15.604	264	462719	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	1258458	73.16	ng	0.02
7) Phenol-d6	6.534	99	1638819	71.57	ng	0.00
23) Nitrobenzene-d5	7.475	82	1133353	56.87	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	368867	56.08	ng	-0.01
45) 2-Fluorobiphenyl	9.275	172	2094684	50.86	ng	0.00
79) Terphenyl-d14	13.045	244	1597910	61.93	ng	0.00
Target Compounds						
78) Pyrene	12.892	202	126993	3.37	ng	Qvalue 97
83) Chrysene	14.121	228	76997	2.61	ng	97
87) Indeno(1,2,3-cd)pyrene	17.115	276	116249	4.04	ng	98
88) Benzo(b)fluoranthene	15.157	252	124522m	3.90	ng	
92) Benzo(g,h,i)perylene	17.574	276	184073	7.53	ng	99

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

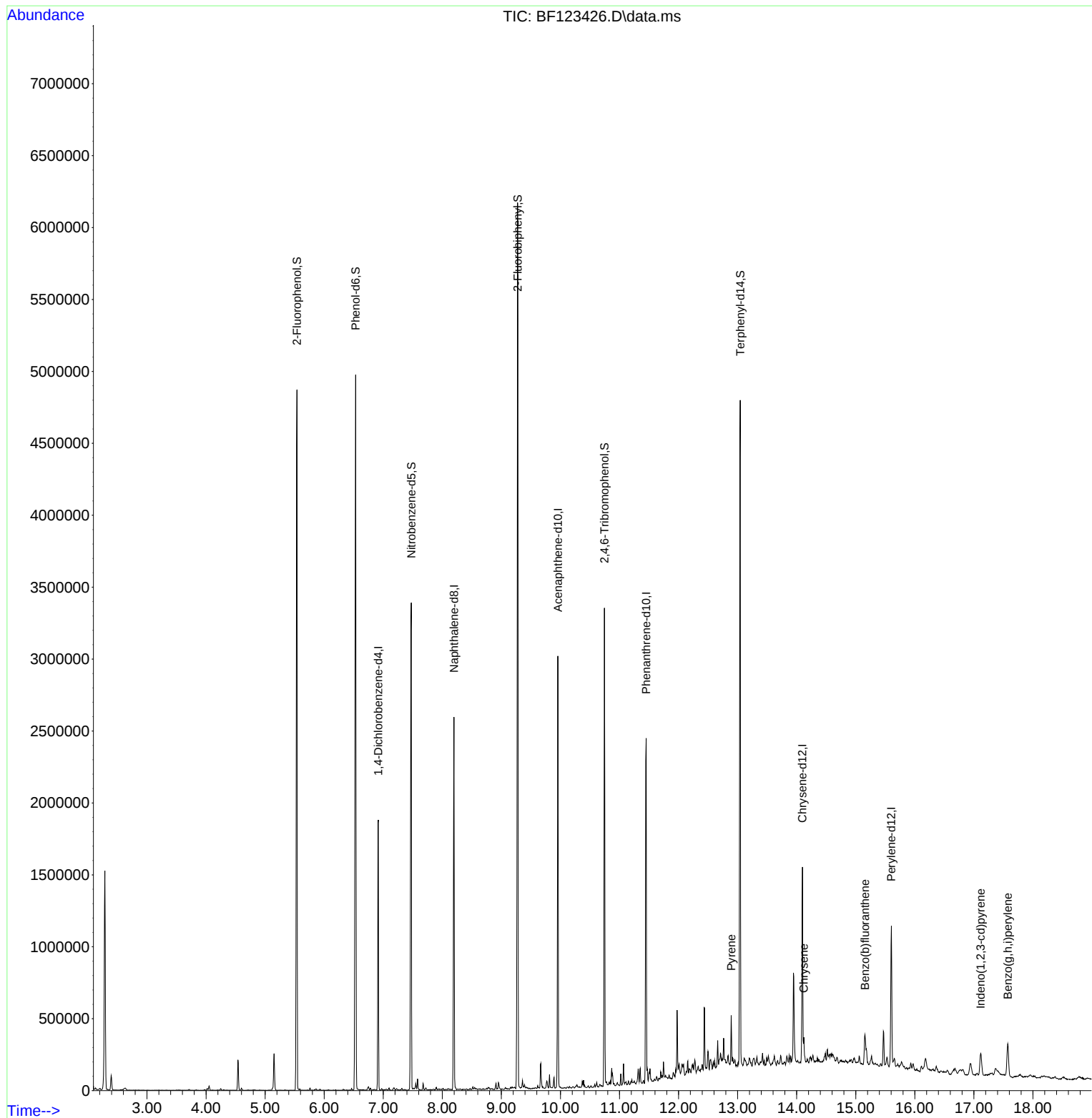
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032321\
Data File : BF123426.D
Acq On : 24 Mar 2021 7:00
Operator : JU/CG
Sample : M1712-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

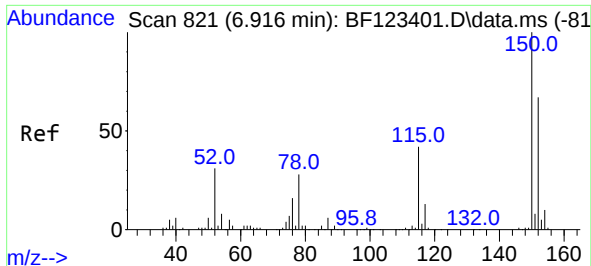
Instrument :
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ClientSampleId :
EXTERNAL-PAD-2

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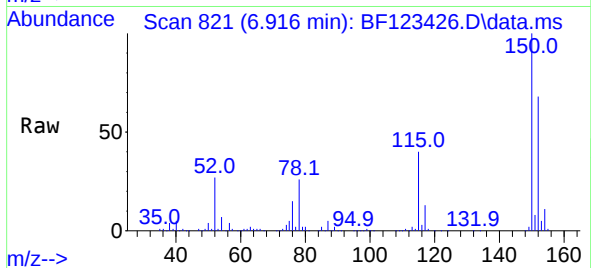
Quant Time: Mar 24 07:38:42 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 23 15:58:35 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.916 min Scan# 821
Delta R.T. -0.000 min
Lab File: BF123426.D
Acq: 24 Mar 2021 7:00

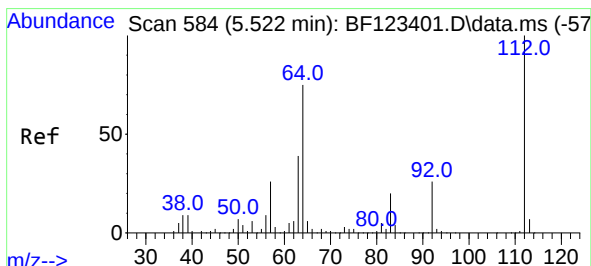
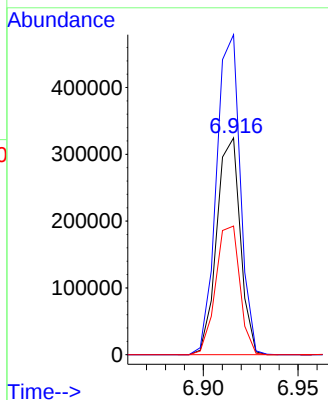
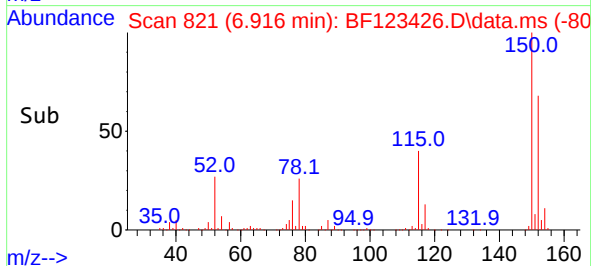
Instrument :
BNA_F
ClientSampleId :
EXTERNAL-PAD-2



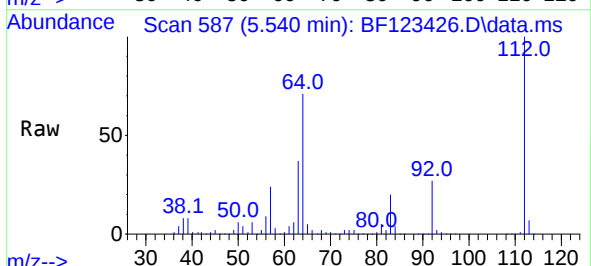
Tgt Ion:152 Resp: 281410
Ion Ratio Lower Upper
152 100
150 147.6 125.8 188.6
115 59.3 49.3 73.9

Manual Integrations
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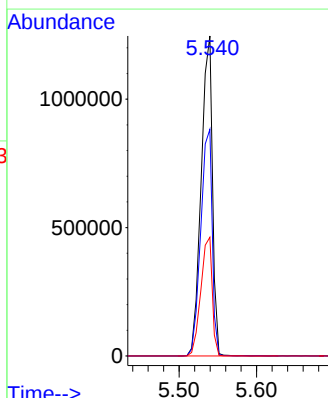
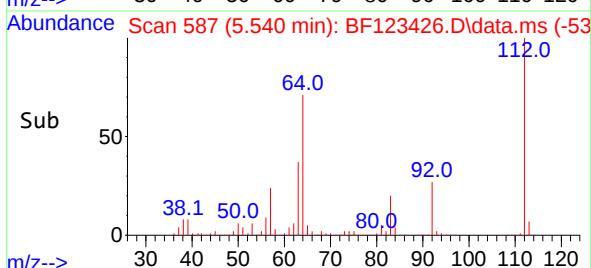
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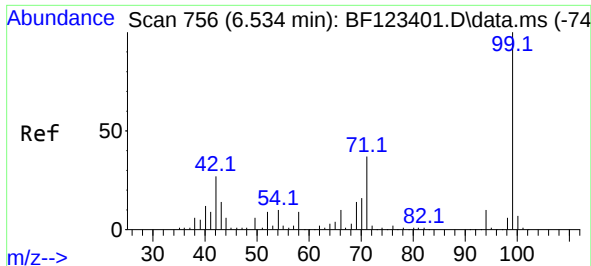


#5
2-Fluorophenol
Concen: 73.16 ng
RT: 5.540 min Scan# 587
Delta R.T. 0.018 min
Lab File: BF123426.D
Acq: 24 Mar 2021 7:00

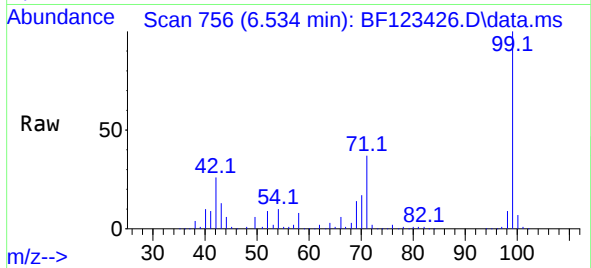


Tgt Ion:112 Resp: 1258458
Ion Ratio Lower Upper
112 100
64 70.8 46.9 70.3#
63 37.1 24.5 36.7#



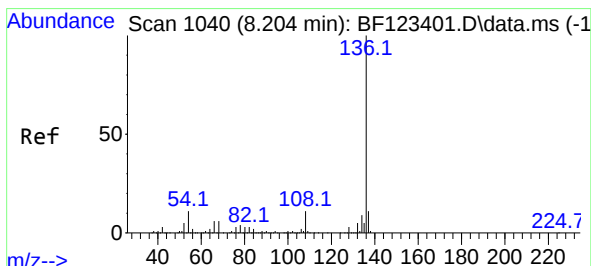
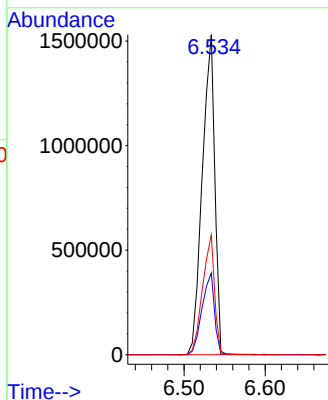
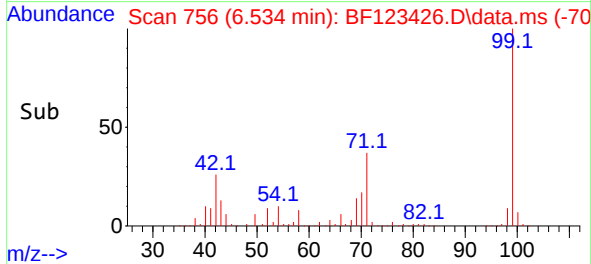


#7
Phenol-d6
Concen: 71.57 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.000 min
Lab File: BF123426.D
Acq: 24 Mar 2021 7:00

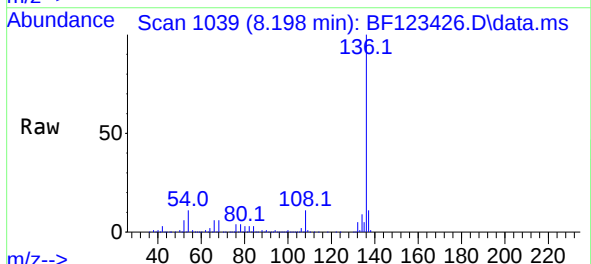


Tgt Ion: 99 Resp: 1638819

Ion	Ratio	Lower	Upper
99	100		
42	25.6	13.8	20.6#
71	37.4	26.9	40.3

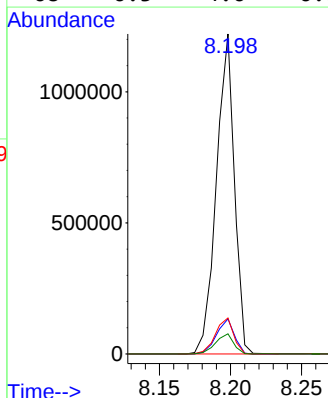
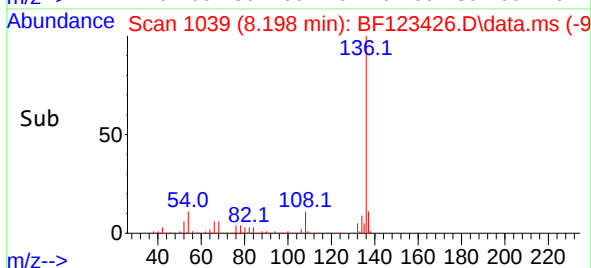


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF123426.D
Acq: 24 Mar 2021 7:00



Tgt Ion: 136 Resp: 1075562

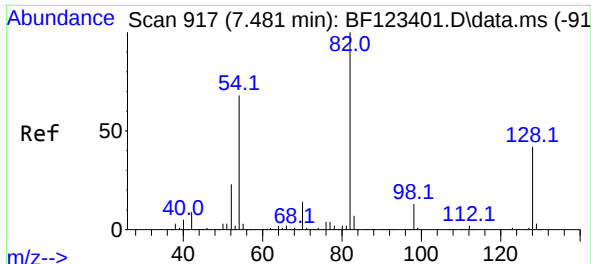
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	11.2	5.5	8.3#
68	6.3	4.6	6.8



Instrument :
BNA_F
ClientSampleId :
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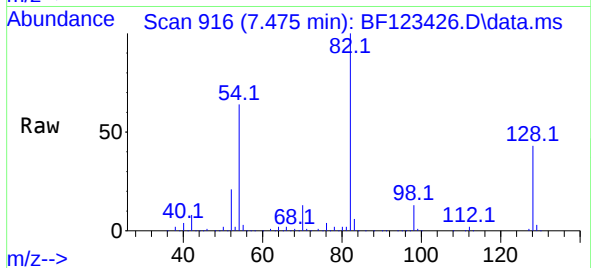
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#23
Nitrobenzene-d5
Concen: 56.87 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF123426.D
Acq: 24 Mar 2021 7:00

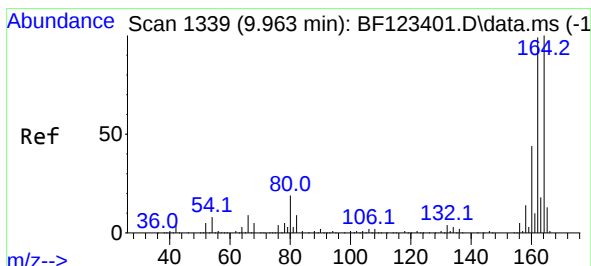
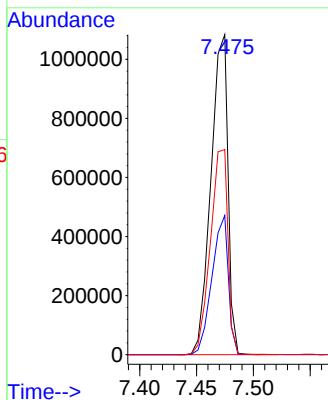
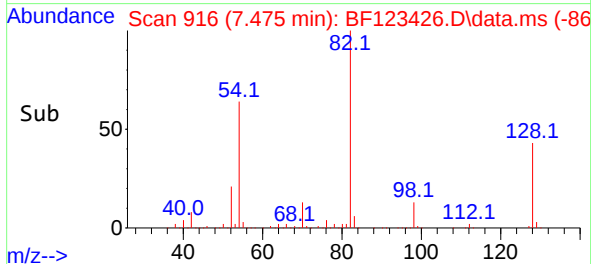
Instrument :
BNA_F
ClientSampleId :
EXTERNAL-PAD-2



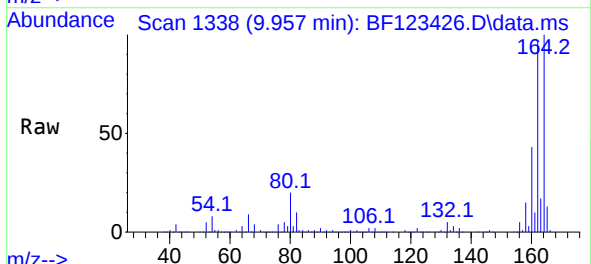
Tgt Ion: 82 Resp: 1133353
Ion Ratio Lower Upper
82 100
128 43.5 37.0 55.4
54 64.1 38.4 57.6#

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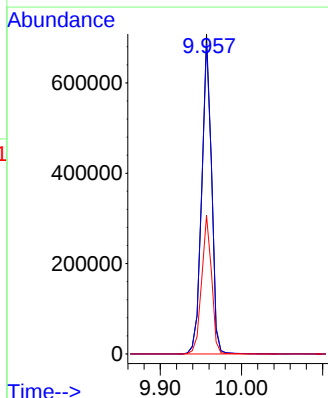
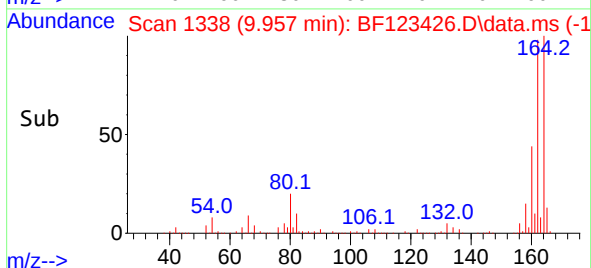
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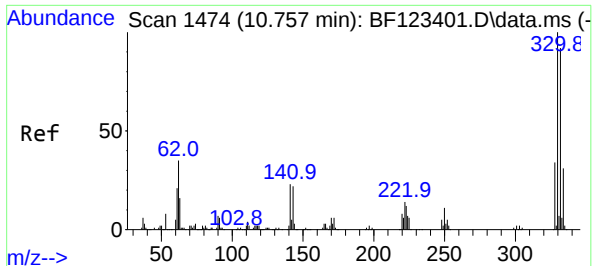


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF123426.D
Acq: 24 Mar 2021 7:00



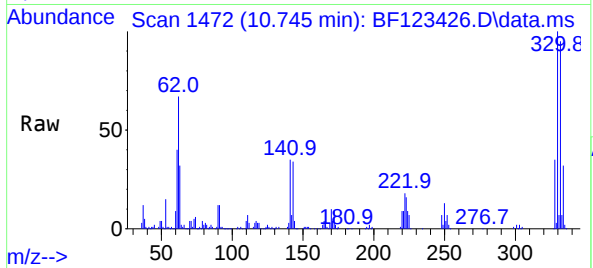
Tgt Ion:164 Resp: 588363
Ion Ratio Lower Upper
164 100
162 97.1 80.8 121.2
160 43.3 35.4 53.0





#42
2,4,6-Tribromophenol
Concen: 56.08 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.012 min
Lab File: BF123426.D
Acq: 24 Mar 2021 7:00

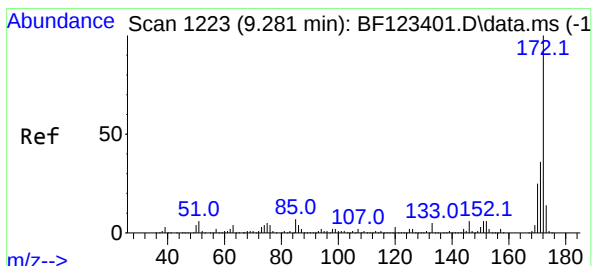
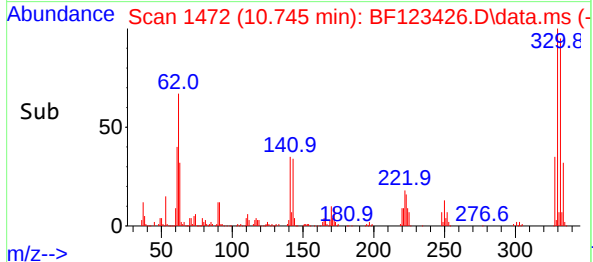
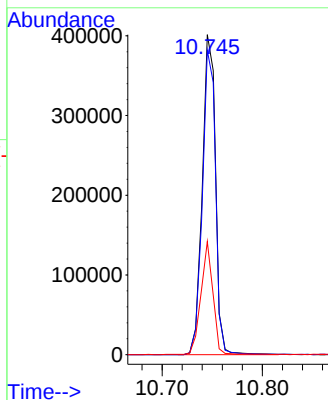
Instrument :
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ClientSampleId :
EXTERNAL-PAD-2



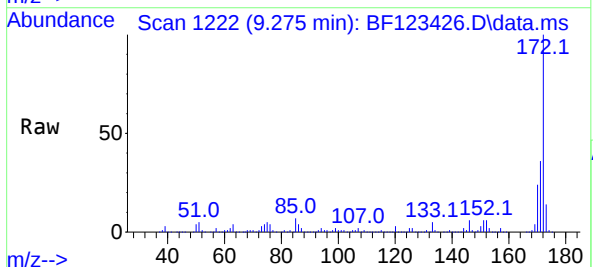
Tgt Ion: 330 Resp: 368867
Ion Ratio Lower Upper
330 100
332 95.1 77.5 116.3
141 32.6 23.8 35.8

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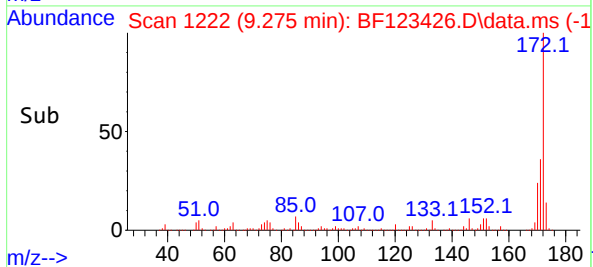
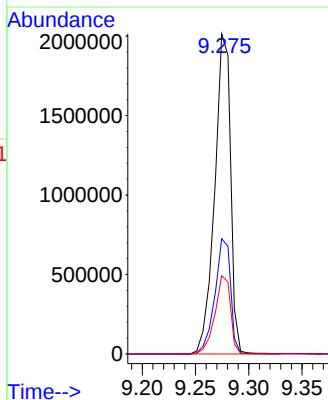
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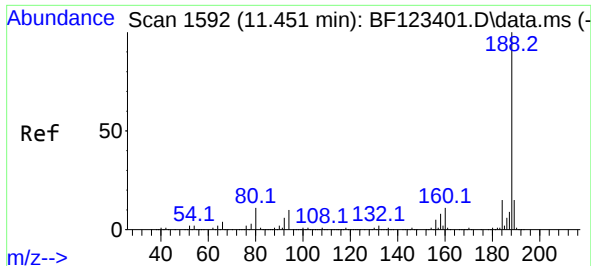


#45
2-Fluorobiphenyl
Concen: 50.86 ng
RT: 9.275 min Scan# 1222
Delta R.T. -0.006 min
Lab File: BF123426.D
Acq: 24 Mar 2021 7:00



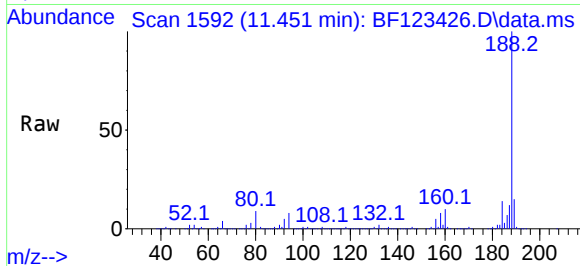
Tgt Ion: 172 Resp: 2094684
Ion Ratio Lower Upper
172 100
171 36.0 29.6 44.4
170 24.5 19.5 29.3





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.451 min Scan# 1592
Delta R.T. -0.000 min
Lab File: BF123426.D
Acq: 24 Mar 2021 7:00

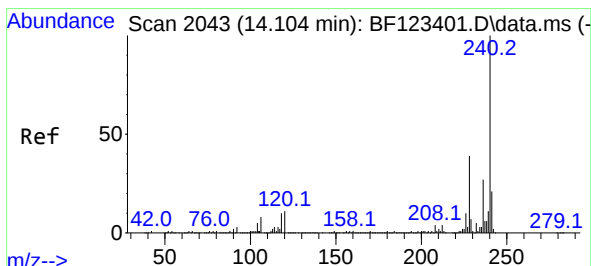
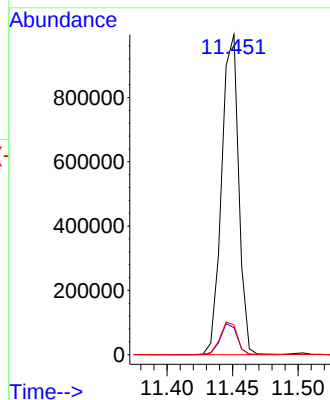
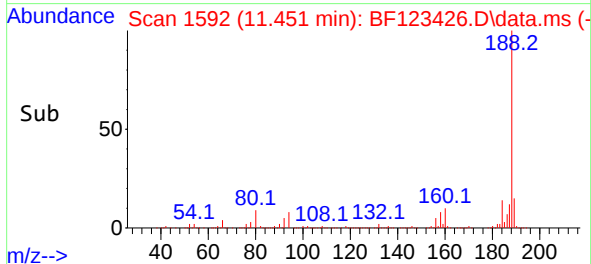
Instrument :
BNA_F
ClientSampleId :
EXTERNAL-PAD-2



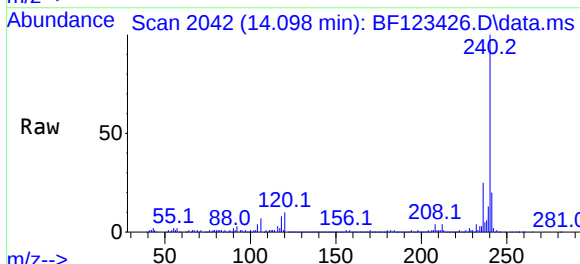
Tgt Ion:188 Resp: 897322
Ion Ratio Lower Upper
188 100
94 8.5 7.4 11.2
80 9.3 8.2 12.4

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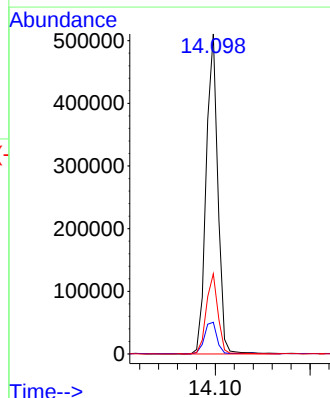
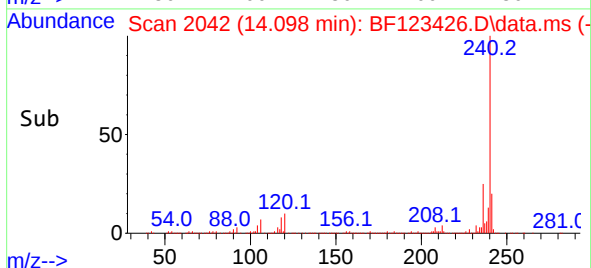
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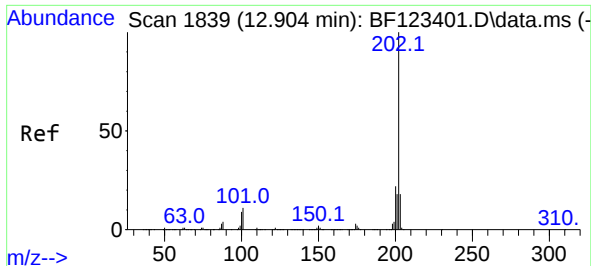


#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.098 min Scan# 2042
Delta R.T. -0.006 min
Lab File: BF123426.D
Acq: 24 Mar 2021 7:00

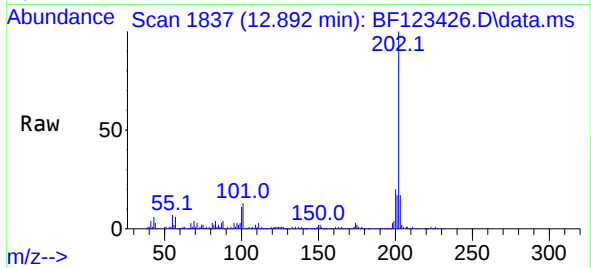


Tgt Ion:240 Resp: 437316
Ion Ratio Lower Upper
240 100
120 9.9 8.6 12.8
236 25.0 20.3 30.5

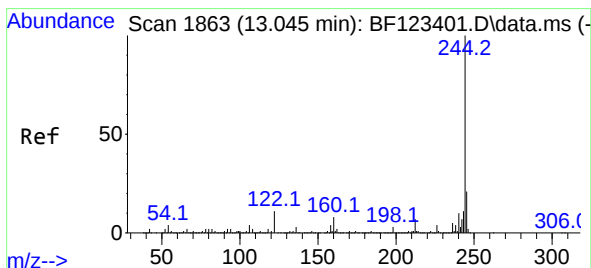
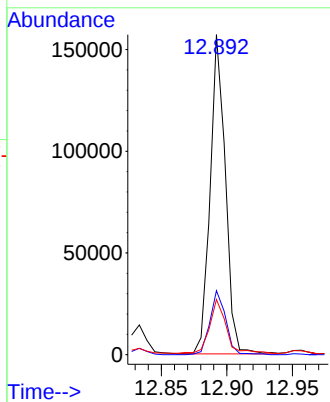
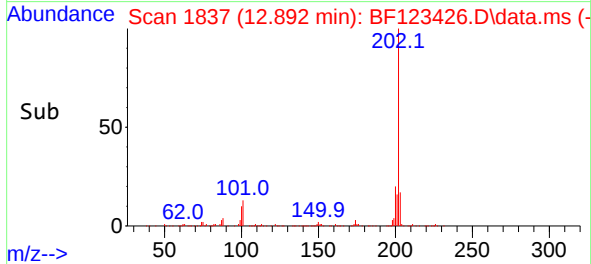




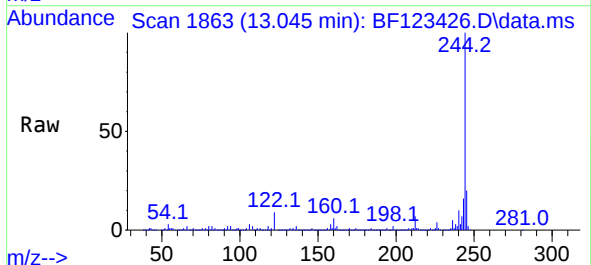
#78
Pyrene
Concen: 3.37 ng
RT: 12.892 min Scan# 1837
Delta R.T. -0.012 min
Lab File: BF123426.D
Acq: 24 Mar 2021 7:00



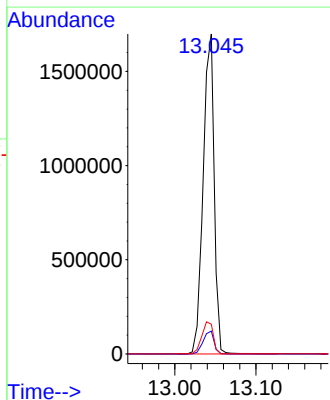
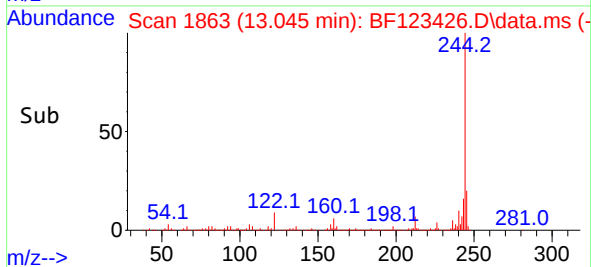
Tgt Ion:202 Resp: 126993
Ion Ratio Lower Upper
202 100
200 20.0 17.6 26.4
203 17.2 14.6 21.8



#79
Terphenyl-d14
Concen: 61.93 ng
RT: 13.045 min Scan# 1863
Delta R.T. -0.000 min
Lab File: BF123426.D
Acq: 24 Mar 2021 7:00



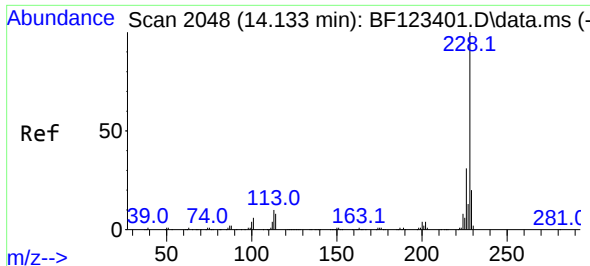
Tgt Ion:244 Resp: 1597910
Ion Ratio Lower Upper
244 100
212 7.2 5.7 8.5
122 9.3 8.3 12.5



Instrument :
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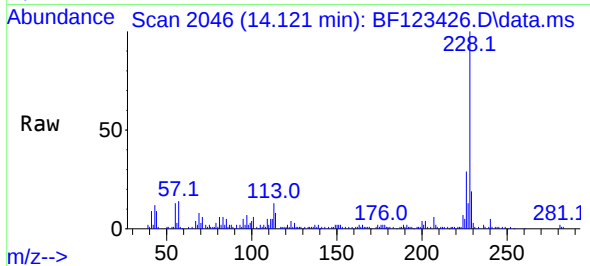
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#83
Chrysene
Concen: 2.61 ng
RT: 14.121 min Scan# 2046
Delta R.T. -0.012 min
Lab File: BF123426.D
Acq: 24 Mar 2021 7:00

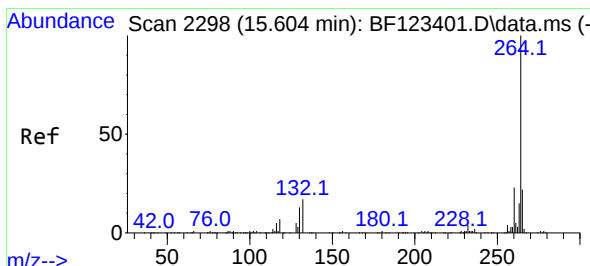
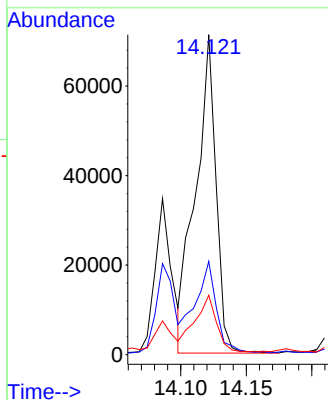
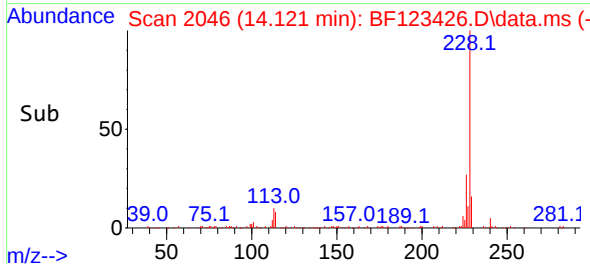
Instrument :
BNA_F
ClientSampleId :
EXTERNAL-PAD-2



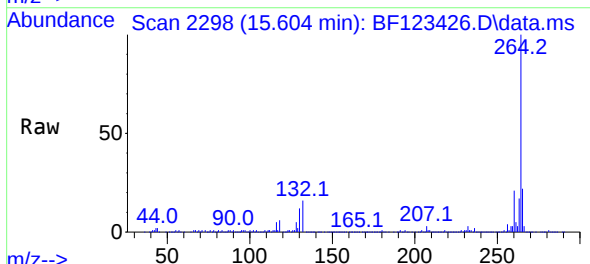
Tgt Ion:228 Resp: 76997
Ion Ratio Lower Upper
228 100
226 29.1 24.6 36.8
229 18.6 15.8 23.6

Manual Integrations
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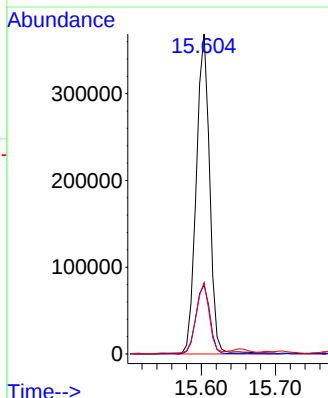
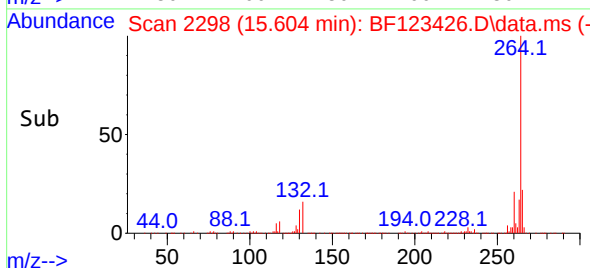
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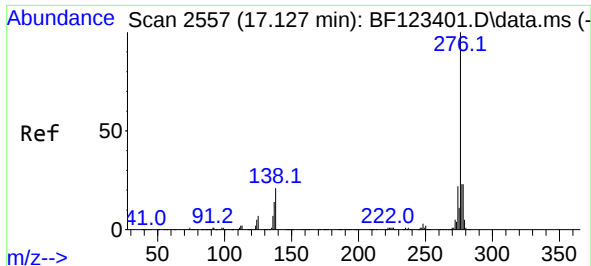


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.604 min Scan# 2298
Delta R.T. -0.000 min
Lab File: BF123426.D
Acq: 24 Mar 2021 7:00



Tgt Ion:264 Resp: 462719
Ion Ratio Lower Upper
264 100
260 21.5 18.6 28.0
265 22.3 17.0 25.6





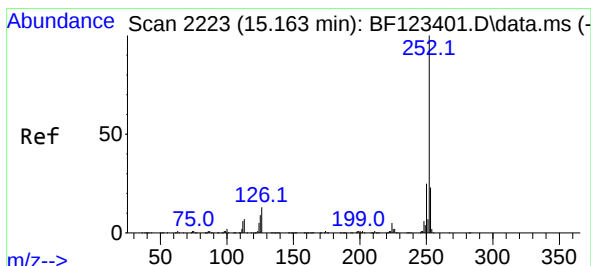
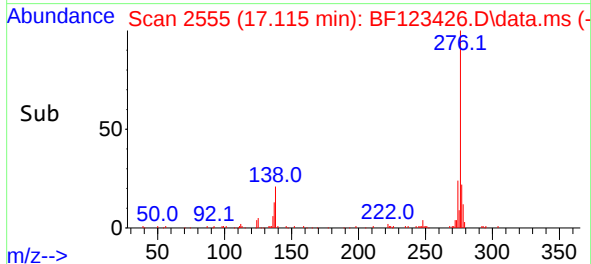
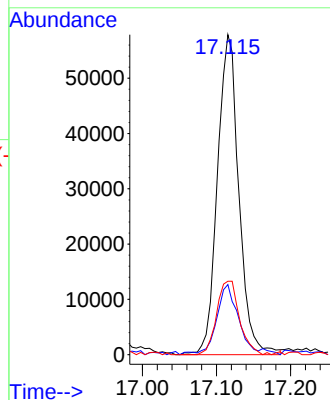
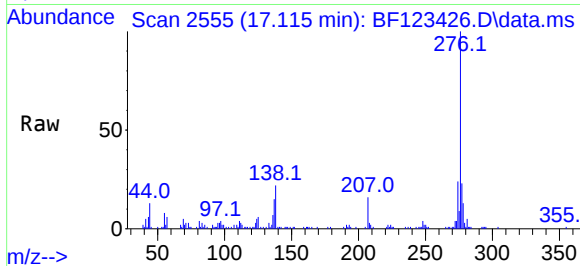
#87
Indeno(1,2,3-cd)pyrene
Concen: 4.04 ng
RT: 17.115 min Scan# 2555
Delta R.T. -0.012 min
Lab File: BF123426.D
Acq: 24 Mar 2021 7:00

Tgt Ion: 276 Resp: 116249
Ion Ratio Lower Upper
276 100
138 22.1 18.7 28.1
277 24.3 20.2 30.4

Instrument :
BNA_F
ClientSampleId :
EXTERNAL-PAD-2

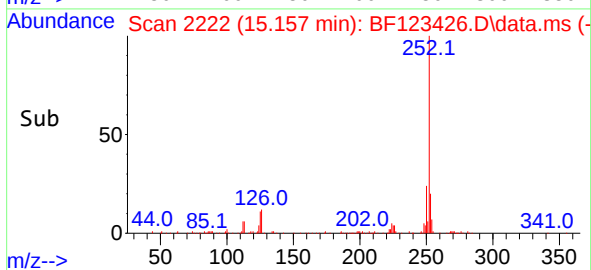
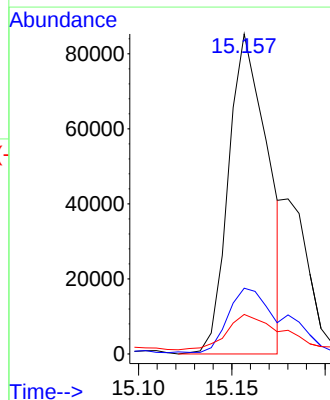
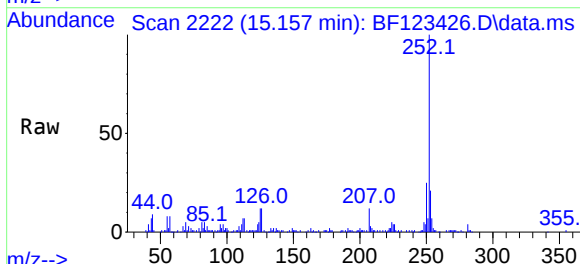
Manual Integrations
APPROVED

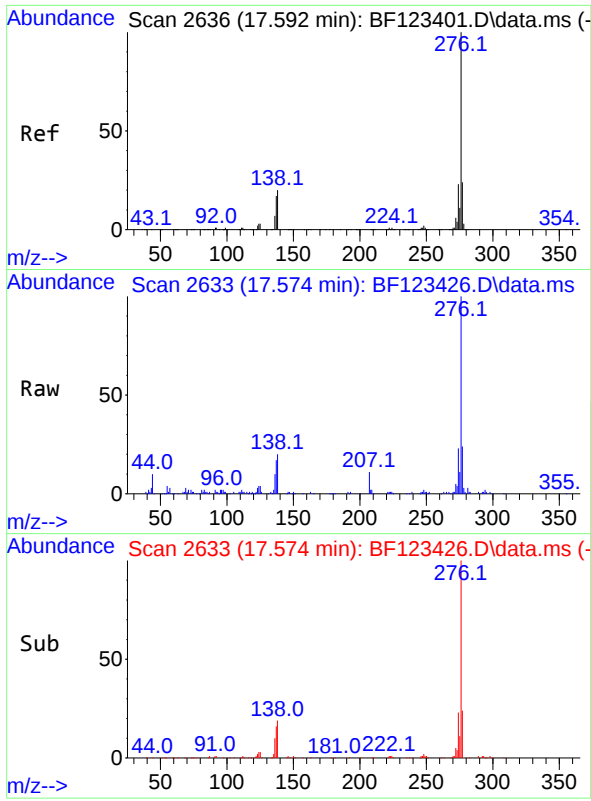
mohammad
3/24/2021 1:33:35 PM



#88
Benzo(b)fluoranthene
Concen: 3.90 ng m
RT: 15.157 min Scan# 2222
Delta R.T. -0.006 min
Lab File: BF123426.D
Acq: 24 Mar 2021 7:00

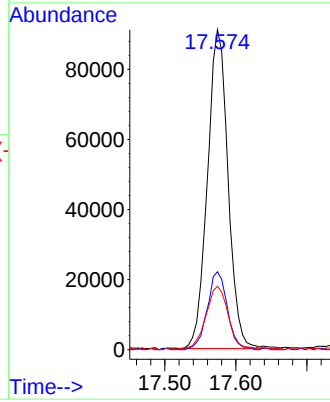
Tgt Ion: 252 Resp: 124522
Ion Ratio Lower Upper
252 100
253 20.5 18.3 27.5
125 12.4 8.1 12.1#





#92
 Benzo(g,h,i)perylene
 Concen: 7.53 ng
 RT: 17.574 min Scan# 2633
 Delta R.T. -0.018 min
 Lab File: BF123426.D
 Acq: 24 Mar 2021 7:00

Tgt Ion:276 Resp: 184073
 Ion Ratio Lower Upper
 276 100
 277 24.3 19.3 28.9
 138 19.8 16.6 24.8



Instrument :
 BNA_F
 ClientSampleId :
 EXTERNAL-PAD-2

Manual Integrations
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mohammad
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