

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080921\
 Data File : BF125013.D
 Acq On : 9 Aug 2021 21:34
 Operator : JU/CG
 Sample : M3298-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1940

Manual Integrations
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Quant Time: Aug 10 04:46:09 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 09 11:03:44 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	6031	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	19984	20.000	ng	# 0.00
39) Acenaphthene-d10	9.951	164	10242m	20.000	ng	0.09
64) Phenanthrene-d10	11.498	188	8073m	20.000	ng	0.15
76) Chrysene-d12	14.057	240	11233	20.000	ng	# 0.07
86) Perylene-d12	15.468	264	10504	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	8923	24.236	ng	-0.02
7) Phenol-d6	6.445	99	10986	23.665	ng	-0.01
23) Nitrobenzene-d5	7.387	82	31575	82.655	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	115	1.257	ng	0.09
45) 2-Fluorobiphenyl	9.216	172	53893	76.995	ng	0.04
79) Terphenyl-d14	13.051	244	30952	46.480	ng	0.12
Target Compounds						
						Qvalue
20) 3+4-Methylphenols	7.228	107	4704	11.722	ng	# 73
27) 2,4-Dimethylphenol	7.757	122	3095	11.631	ng	# 36
81) Benzo(a)anthracene	14.045	228	2256	3.082	ng	# 41
83) Chrysene	14.080	228	2920	4.126	ng	# 65
88) Benzo(b)fluoranthene	15.051	252	3694m	5.008	ng	
89) Benzo(k)fluoranthene	15.068	252	1412m	2.105	ng	

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

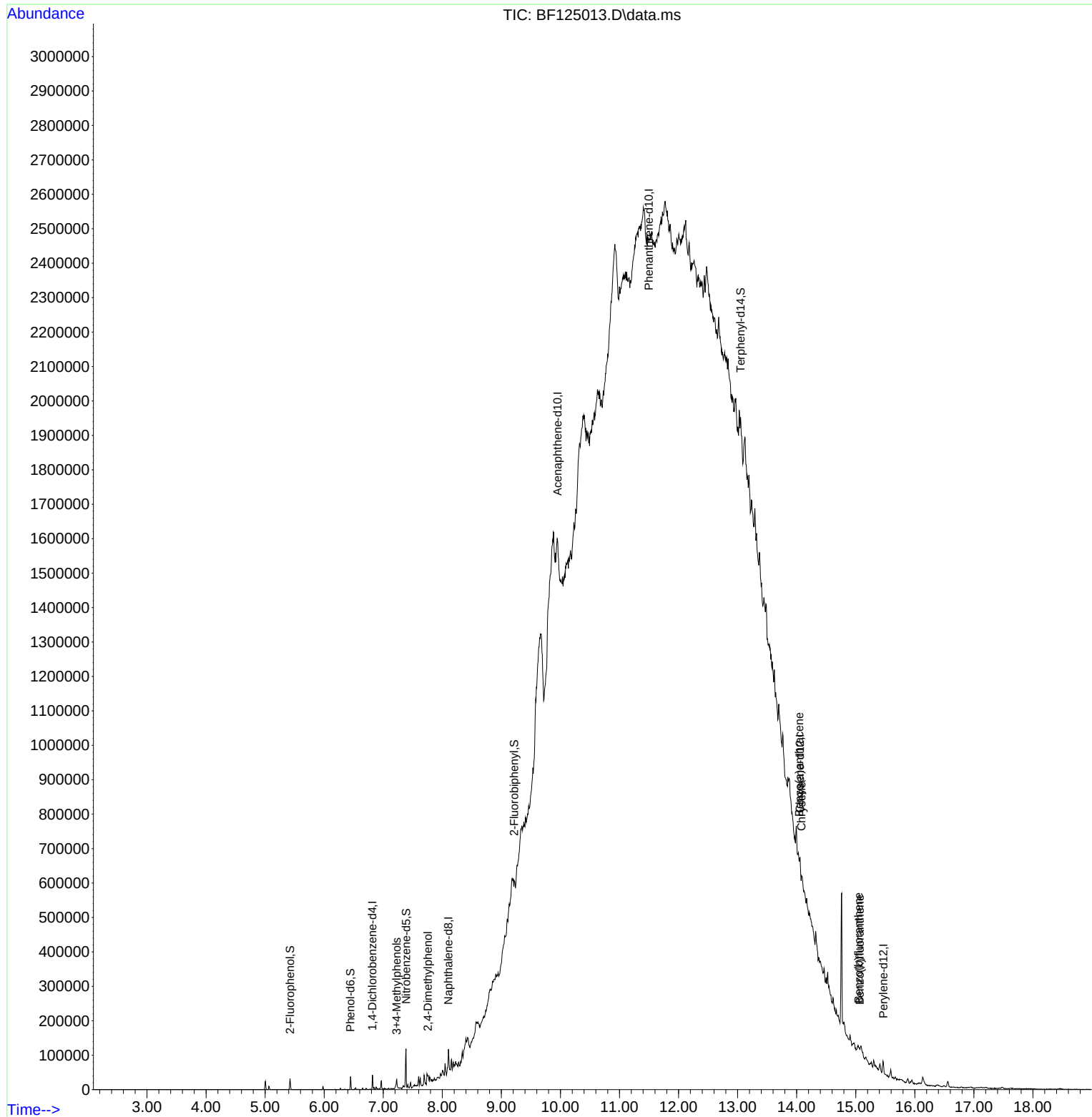
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080921\
Data File : BF125013.D
Acq On : 9 Aug 2021 21:34
Operator : JU/CG
Sample : M3298-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

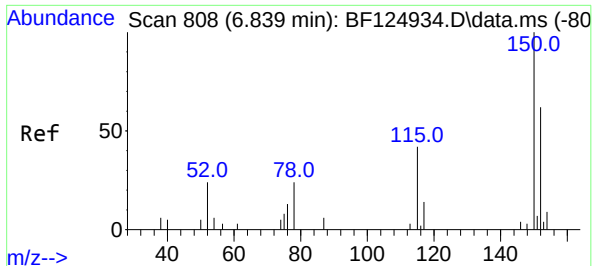
Instrument :
BNA_F
ClientSampleId :
1940

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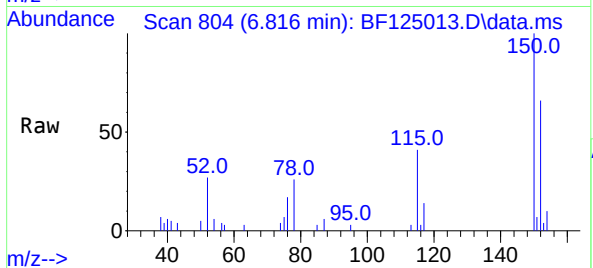
Quant Time: Aug 10 04:46:09 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 09 11:03:44 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF125013.D
Acq: 9 Aug 2021 21:34

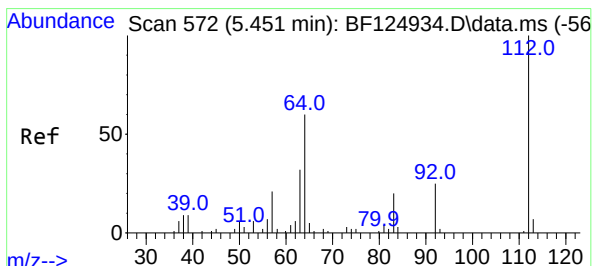
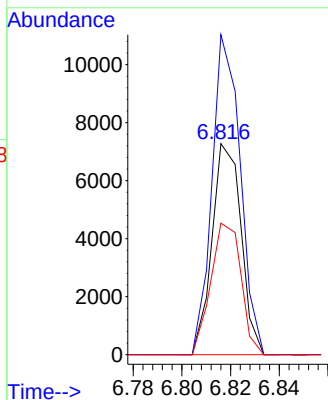
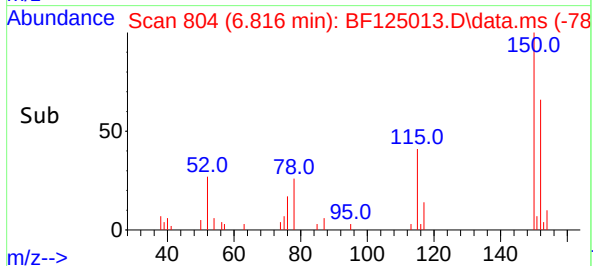
Instrument :
BNA_F
ClientSampled :
1940



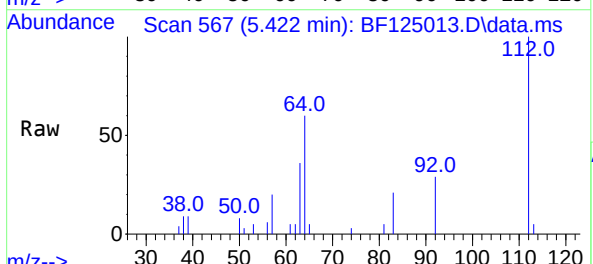
Tgt Ion:152 Resp: 6031
Ion Ratio Lower Upper
152 100
150 151.6 117.6 176.4
115 62.3 47.1 70.7

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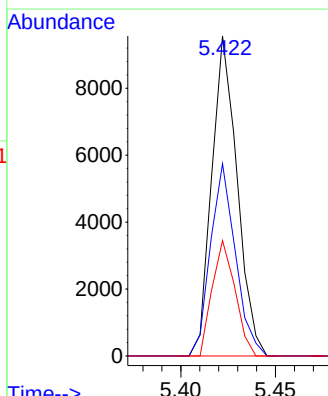
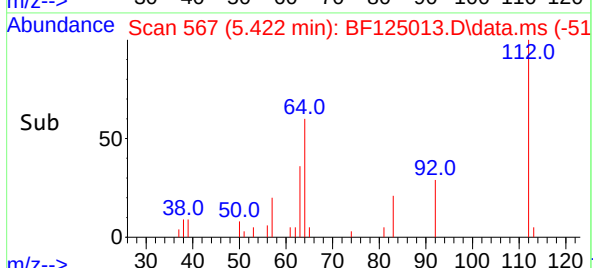
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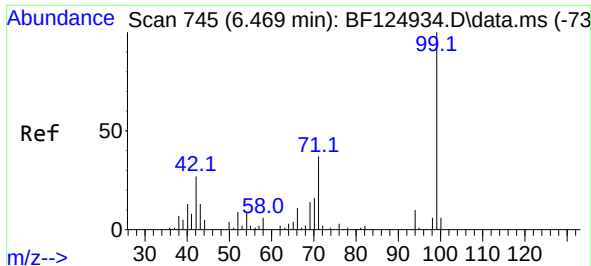


#5
2-Fluorophenol
Concen: 24.236 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.017 min
Lab File: BF125013.D
Acq: 9 Aug 2021 21:34



Tgt Ion:112 Resp: 8923
Ion Ratio Lower Upper
112 100
64 60.1 44.2 66.2
63 36.0 26.2 39.2





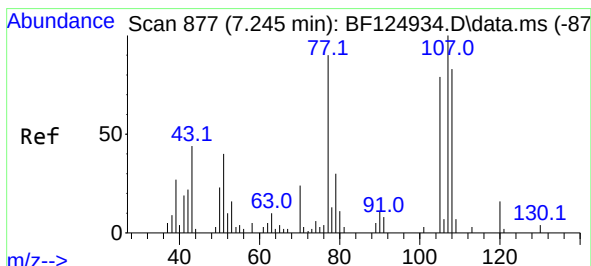
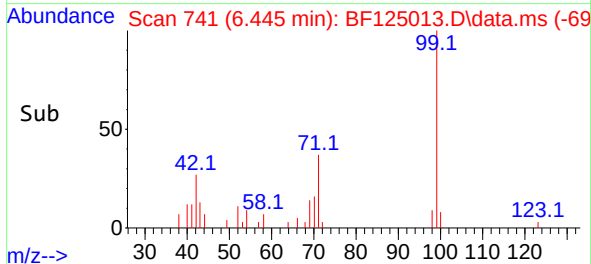
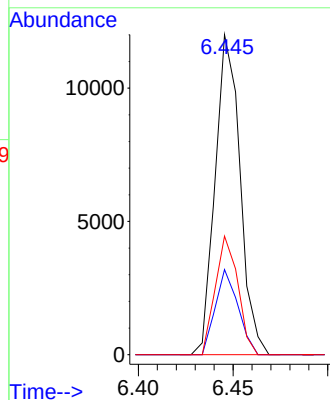
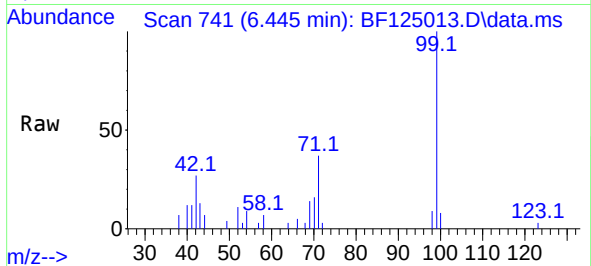
#7
Phenol-d6
Concen: 23.665 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF125013.D
Acq: 9 Aug 2021 21:34

Tgt Ion:	99	Resp:	10986
Ion	Ratio	Lower	Upper
99	100		
42	26.6	23.5	35.3
71	37.1	25.6	38.4

Instrument :
BNA_F
ClientSampled :
1940

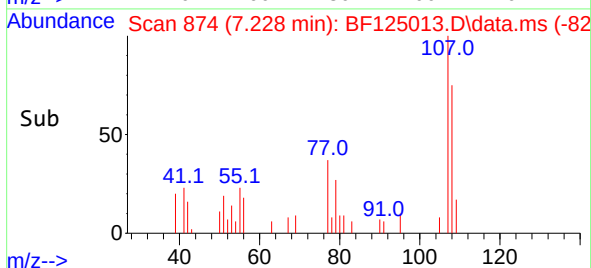
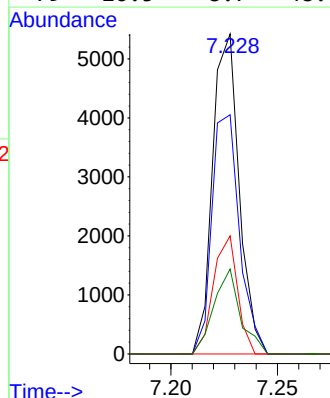
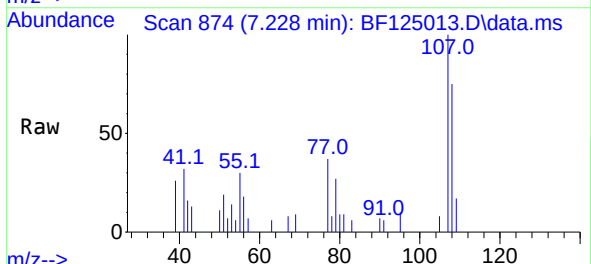
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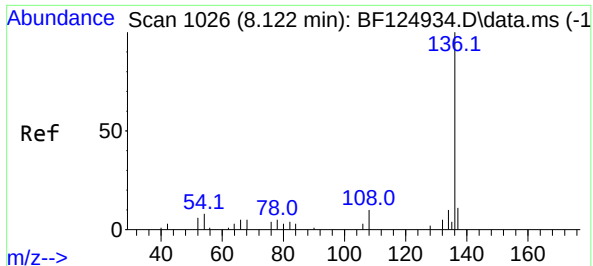
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#20
3+4-Methylphenols
Concen: 11.722 ng
RT: 7.228 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF125013.D
Acq: 9 Aug 2021 21:34

Tgt Ion:	107	Resp:	4704
Ion	Ratio	Lower	Upper
107	100		
108	74.8	76.6	116.6#
77	36.9	53.3	93.3#
79	26.5	8.7	48.7





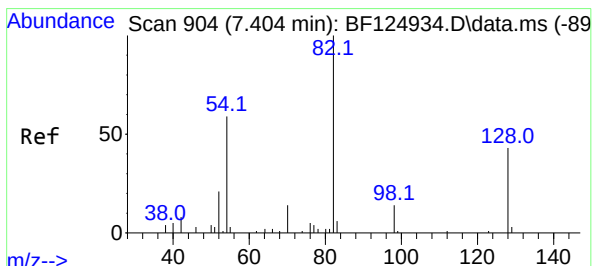
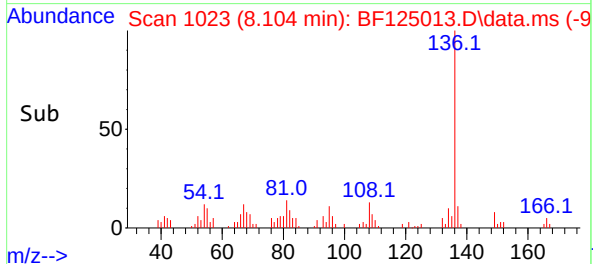
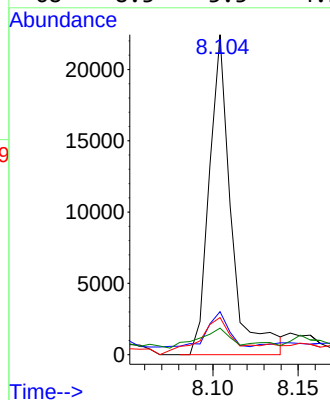
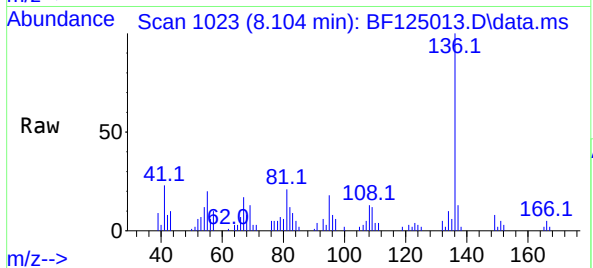
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF125013.D
Acq: 9 Aug 2021 21:34

Tgt Ion:	136	Resp:	19984
Ion Ratio	Lower	Upper	
136	100		
137	13.5	9.8	14.6
54	11.6	6.4	9.6#
68	8.3	3.3	4.9#

Instrument :
BNA_F
ClientSampled :
1940

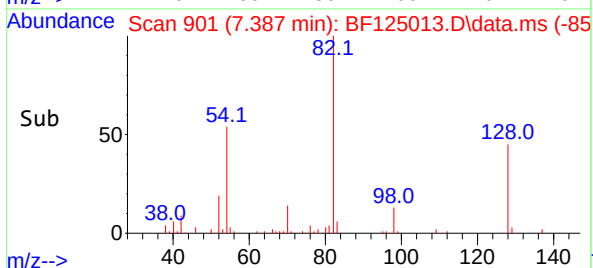
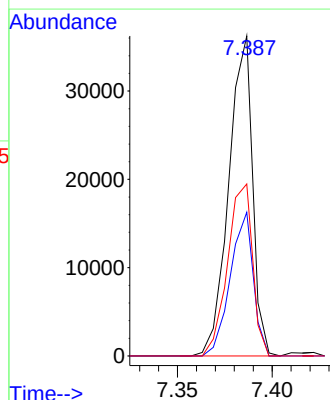
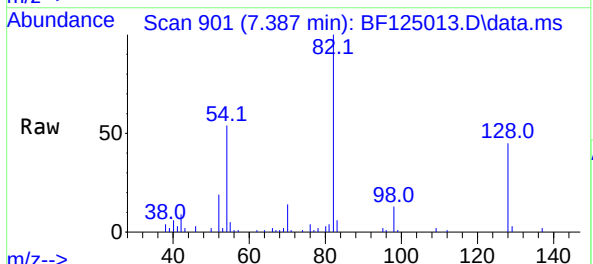
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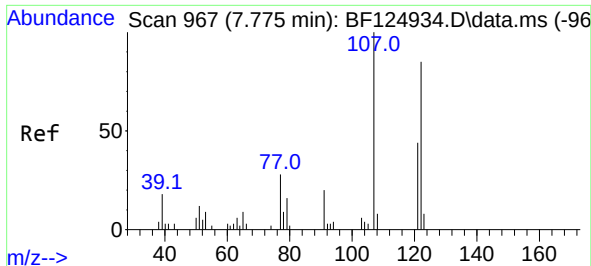
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#23
Nitrobenzene-d5
Concen: 82.655 ng
RT: 7.387 min Scan# 901
Delta R.T. -0.006 min
Lab File: BF125013.D
Acq: 9 Aug 2021 21:34

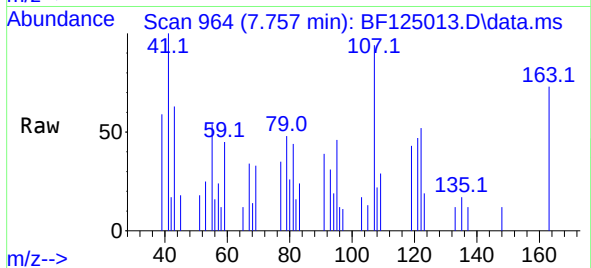
Tgt Ion:	82	Resp:	31575
Ion Ratio	Lower	Upper	
82	100		
128	44.9	40.6	60.8
54	53.7	49.6	74.4





#27
2,4-Dimethylphenol
Concen: 11.631 ng
RT: 7.757 min Scan# 964
Delta R.T. 0.000 min
Lab File: BF125013.D
Acq: 9 Aug 2021 21:34

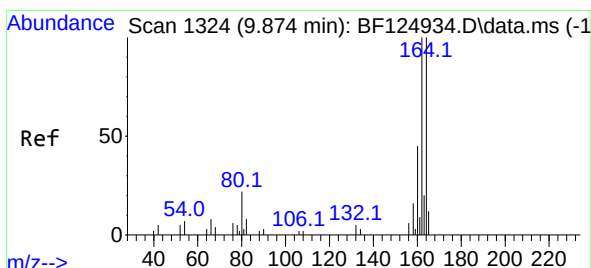
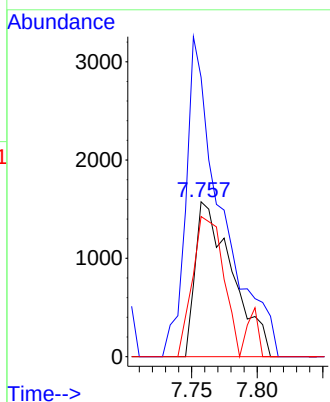
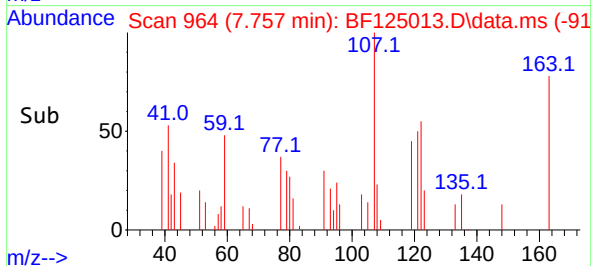
Instrument :
BNA_F
ClientSampled :
1940



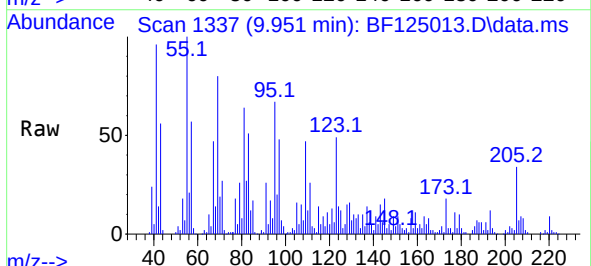
Tgt Ion:122 Resp: 3095
Ion Ratio Lower Upper
122 100
107 180.3 85.0 127.6#
121 90.4 43.3 64.9#

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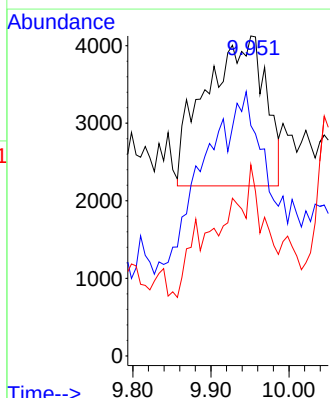
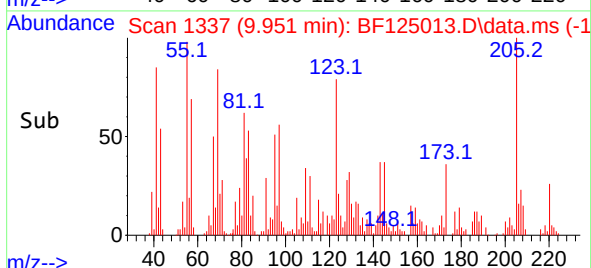
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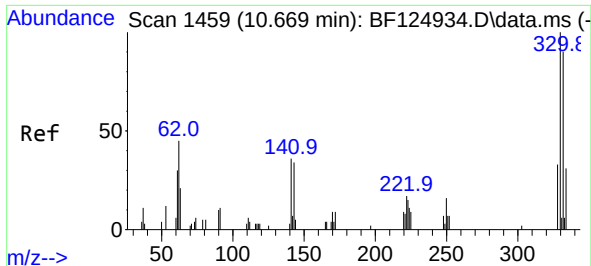


#39
Acenaphthene-d10
Concen: 20.000 ng m
RT: 9.951 min Scan# 1337
Delta R.T. 0.088 min
Lab File: BF125013.D
Acq: 9 Aug 2021 21:34

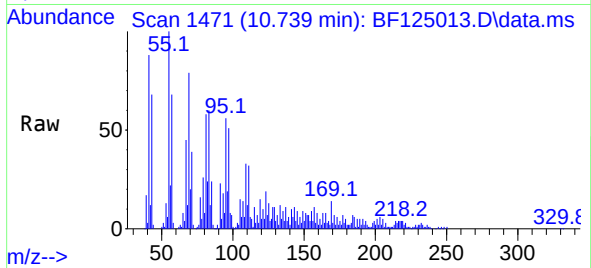


Tgt Ion:164 Resp: 10242
Ion Ratio Lower Upper
164 100
162 72.0 81.3 121.9#
160 59.8 38.0 57.0#

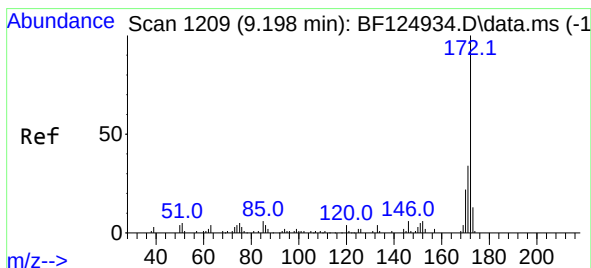
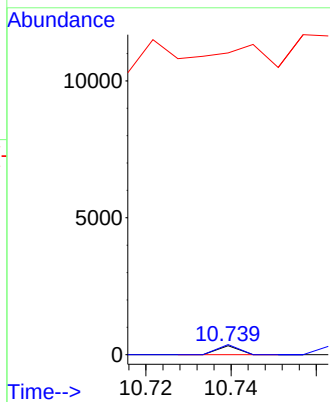
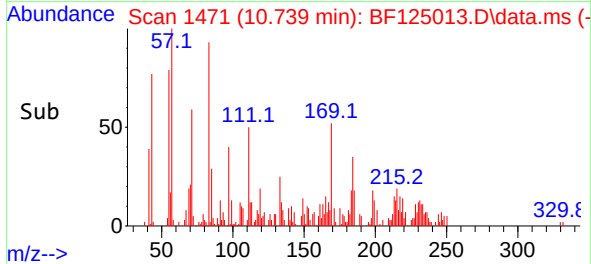




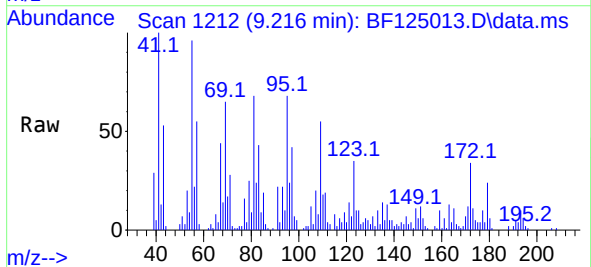
#42
2,4,6-Tribromophenol
Concen: 1.257 ng
RT: 10.739 min Scan# 1471
Delta R.T. 0.088 min
Lab File: BF125013.D
Acq: 9 Aug 2021 21:34



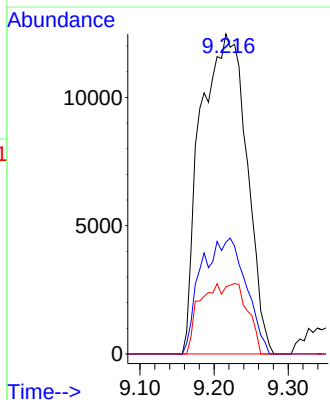
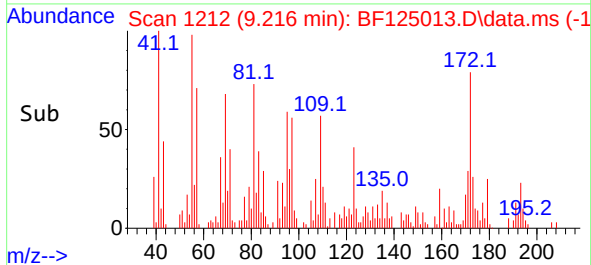
Tgt Ion: 330 Resp: 115
Ion Ratio Lower Upper
330 100
332 112.2 76.2 114.4
141 711.3 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 76.995 ng
RT: 9.216 min Scan# 1212
Delta R.T. 0.035 min
Lab File: BF125013.D
Acq: 9 Aug 2021 21:34



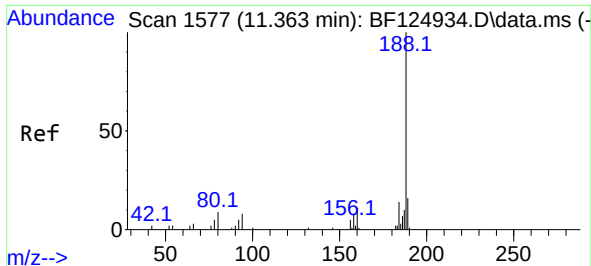
Tgt Ion: 172 Resp: 53893
Ion Ratio Lower Upper
172 100
171 34.9 26.5 39.7
170 21.0 18.8 28.2



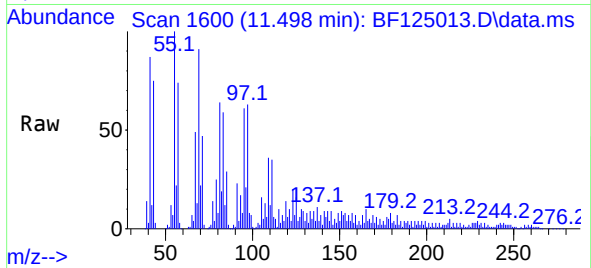
Instrument :
BNA_F
ClientSampleId :
1940

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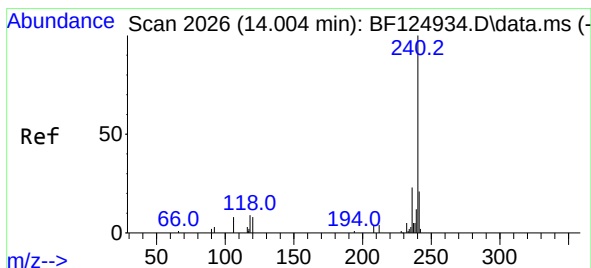
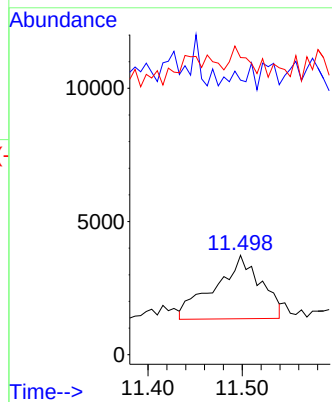
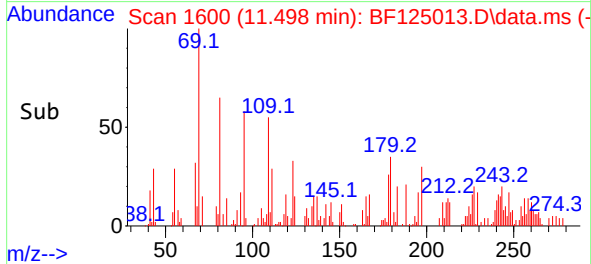
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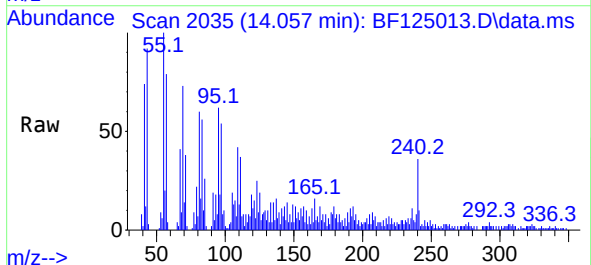
#64
Phenanthrene-d10
Concen: 20.000 ng m
RT: 11.498 min Scan# 1600
Delta R.T. 0.153 min
Lab File: BF125013.D
Acq: 9 Aug 2021 21:34



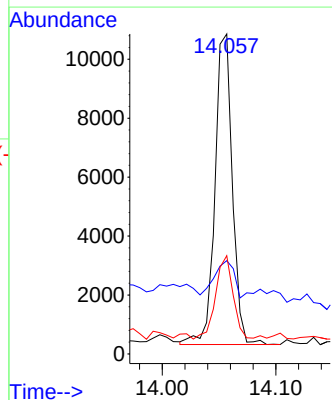
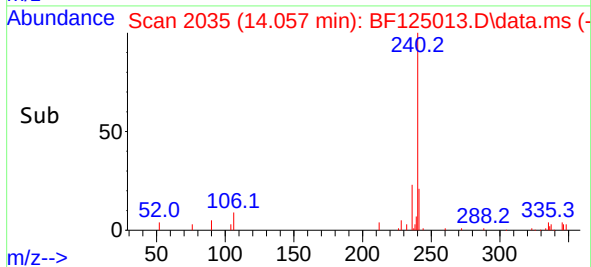
Tgt Ion:188 Resp: 8073
Ion Ratio Lower Upper
188 100
94 276.3 6.7 10.1#
80 299.0 7.5 11.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. 0.071 min
Lab File: BF125013.D
Acq: 9 Aug 2021 21:34



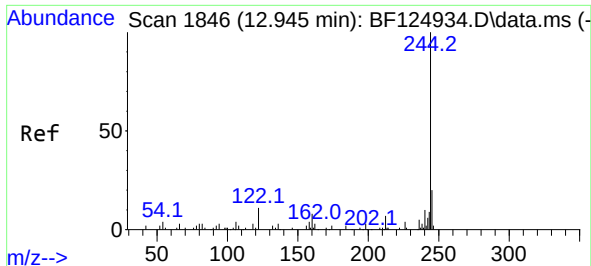
Tgt Ion:240 Resp: 11233
Ion Ratio Lower Upper
240 100
120 29.2 10.8 16.2#
236 30.7 21.6 32.4



Instrument :
BNA_F
ClientSampled :
1940

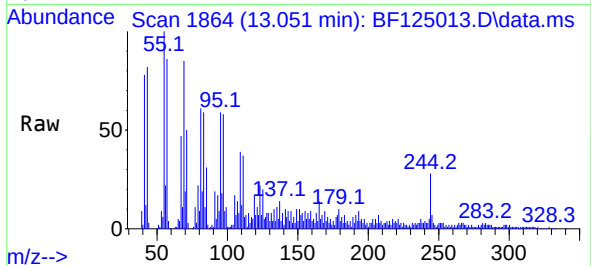
Manual Integrations
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#79
Terphenyl-d14
Concen: 46.480 ng
RT: 13.051 min Scan# 1864
Delta R.T. 0.124 min
Lab File: BF125013.D
Acq: 9 Aug 2021 21:34

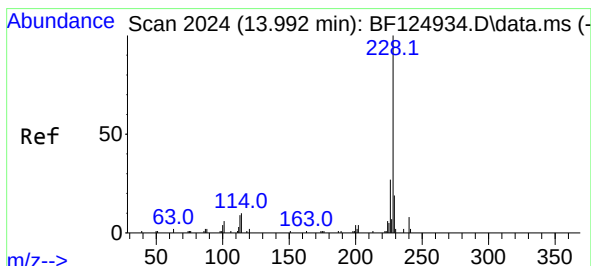
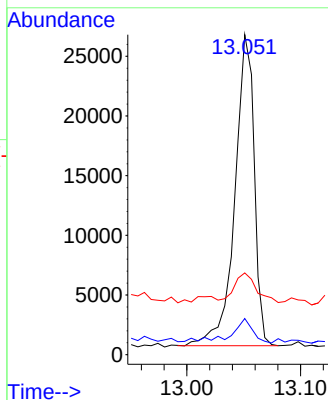
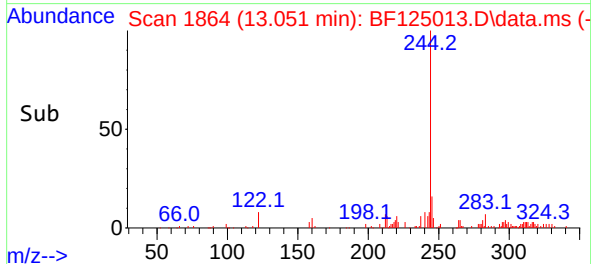
Instrument :
BNA_F
ClientSampled :
1940



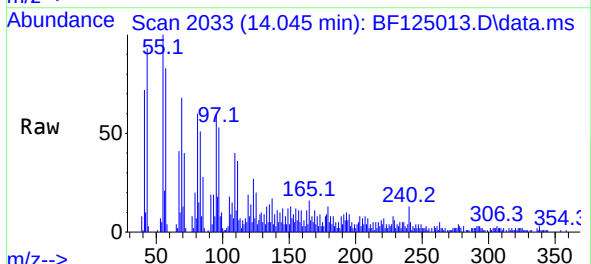
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Ion Ratio Lower Upper
244 100
212 11.3 5.9 8.9#
122 25.5 9.0 13.4#

Manual Integrations
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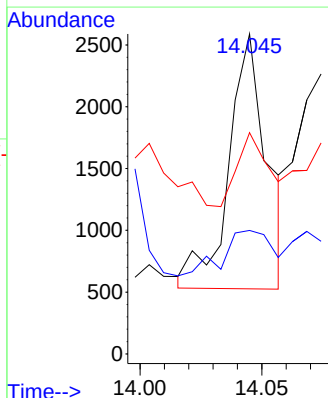
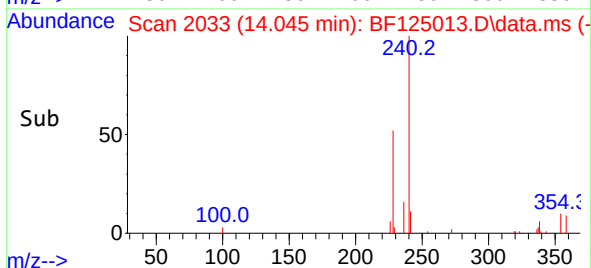
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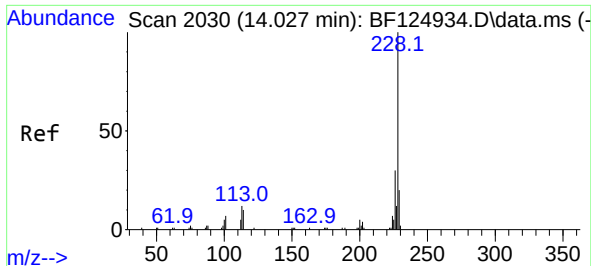


#81
Benzo(a)anthracene
Concen: 3.082 ng
RT: 14.045 min Scan# 2033
Delta R.T. 0.071 min
Lab File: BF125013.D
Acq: 9 Aug 2021 21:34



Tgt Ion:228 Resp: 2256
Ion Ratio Lower Upper
228 100
226 38.6 21.6 32.4#
229 69.1 15.6 23.4#





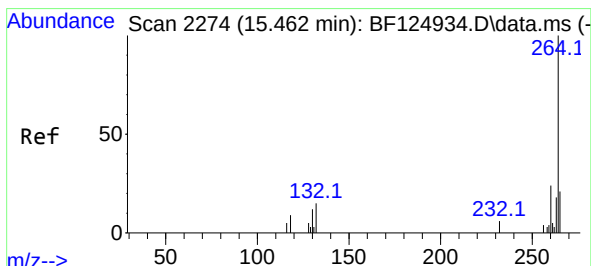
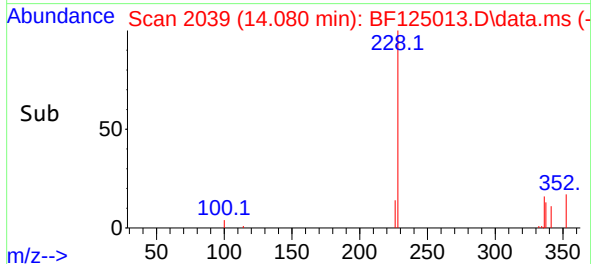
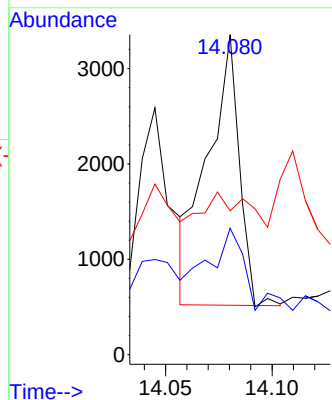
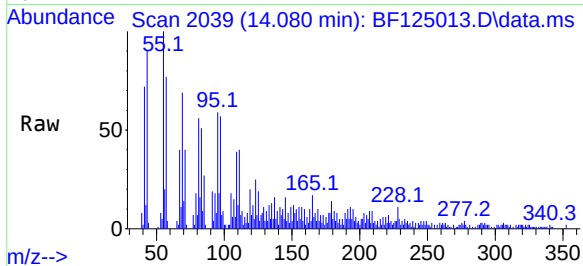
#83
Chrysene
Concen: 4.126 ng
RT: 14.080 min Scan# 2039
Delta R.T. 0.071 min
Lab File: BF125013.D
Acq: 9 Aug 2021 21:34

Tgt Ion:228 Resp: 2920
Ion Ratio Lower Upper
228 100
226 39.5 22.6 34.0#
229 44.9 15.9 23.9#

Instrument :
BNA_F
ClientSampleId :
1940

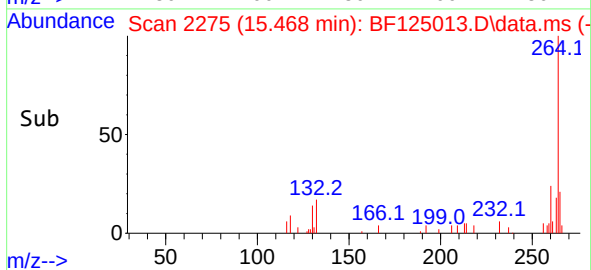
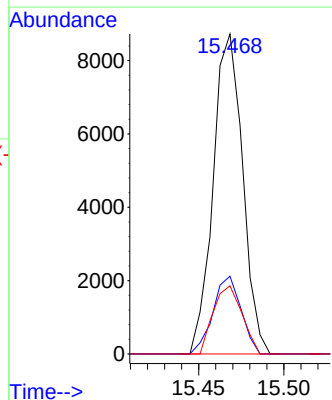
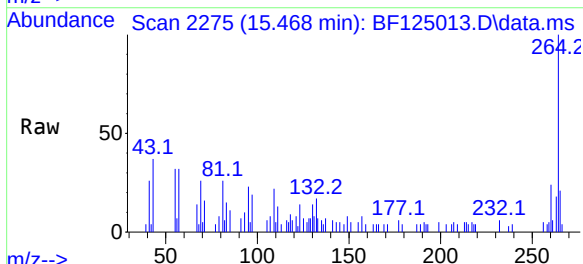
Manual Integrations
APPROVED

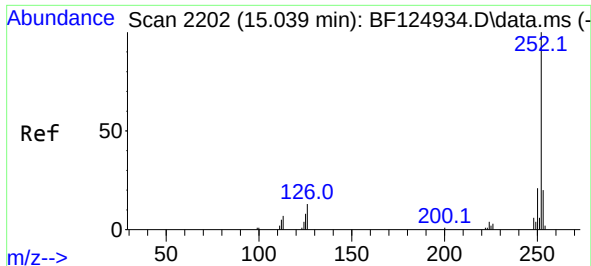
mohammad
8/10/2021 4:34:56 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.468 min Scan# 2275
Delta R.T. 0.030 min
Lab File: BF125013.D
Acq: 9 Aug 2021 21:34

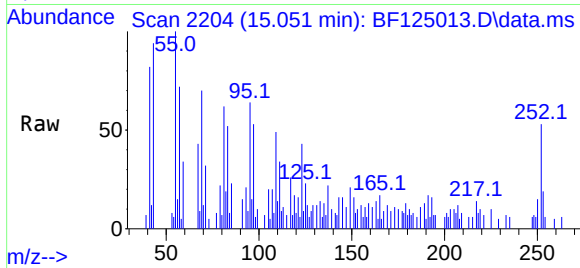
Tgt Ion:264 Resp: 10504
Ion Ratio Lower Upper
264 100
260 24.3 19.6 29.4
265 21.3 17.2 25.8





#88
Benzo(b)fluoranthene
Concen: 5.008 ng m
RT: 15.051 min Scan# 2204
Delta R.T. 0.035 min
Lab File: BF125013.D
Acq: 9 Aug 2021 21:34

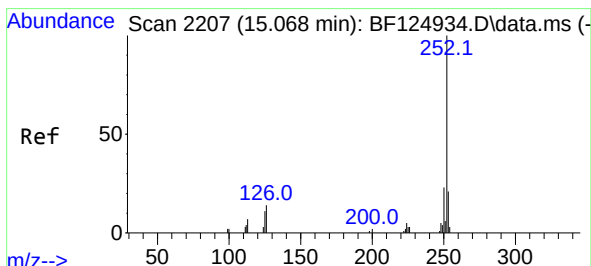
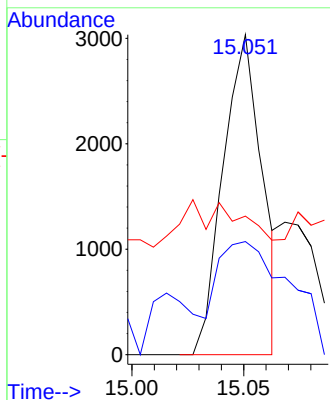
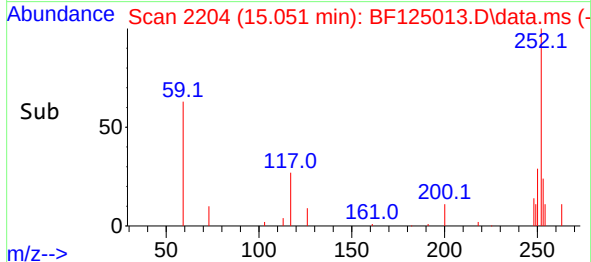
Instrument :
BNA_F
ClientSampled :
1940



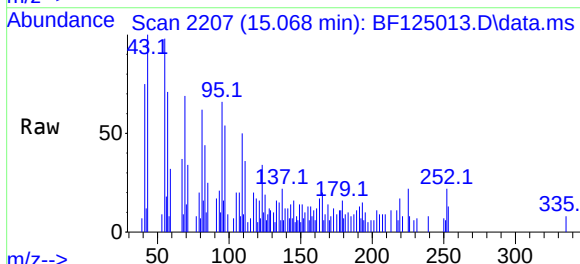
Tgt Ion:252 Resp: 3694
Ion Ratio Lower Upper
252 100
253 35.4 16.8 25.2#
125 43.3 9.8 14.8#

Manual Integrations
APPROVED

mohammad
8/10/2021 4:34:56 PM



#89
Benzo(k)fluoranthene
Concen: 2.105 ng m
RT: 15.068 min Scan# 2207
Delta R.T. 0.024 min
Lab File: BF125013.D
Acq: 9 Aug 2021 21:34



Tgt Ion:252 Resp: 1412
Ion Ratio Lower Upper
252 100
253 58.5 17.8 26.8#
125 86.9 7.2 10.8#

