

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072621\
 Data File : BF124773.D
 Acq On : 26 Jul 2021 19:47
 Operator : JU/CG
 Sample : M3143-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STOCK-PILE-2

Manual Integrations
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mohammad
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Quant Time: Jul 27 04:25:05 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 22 15:28:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	5344	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	18017	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	8312	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	13157	20.000	ng	0.00
76) Chrysene-d12	14.039	240	11456	20.000	ng	# 0.00
86) Perylene-d12	15.515	264	8554	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	28402	89.987	ng	0.01
7) Phenol-d6	6.498	99	31643	79.971	ng	0.00
23) Nitrobenzene-d5	7.434	82	20266	66.947	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	5897	82.630	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	35365	62.491	ng	0.00
79) Terphenyl-d14	12.986	244	31678	47.399	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	11.422	178	1999	2.825	ng	97
75) Fluoranthene	12.610	202	3554	4.922	ng	96
78) Pyrene	12.839	202	3584	3.952	ng	93
88) Benzo(b)fluoranthene	15.080	252	1486m	2.467	ng	

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

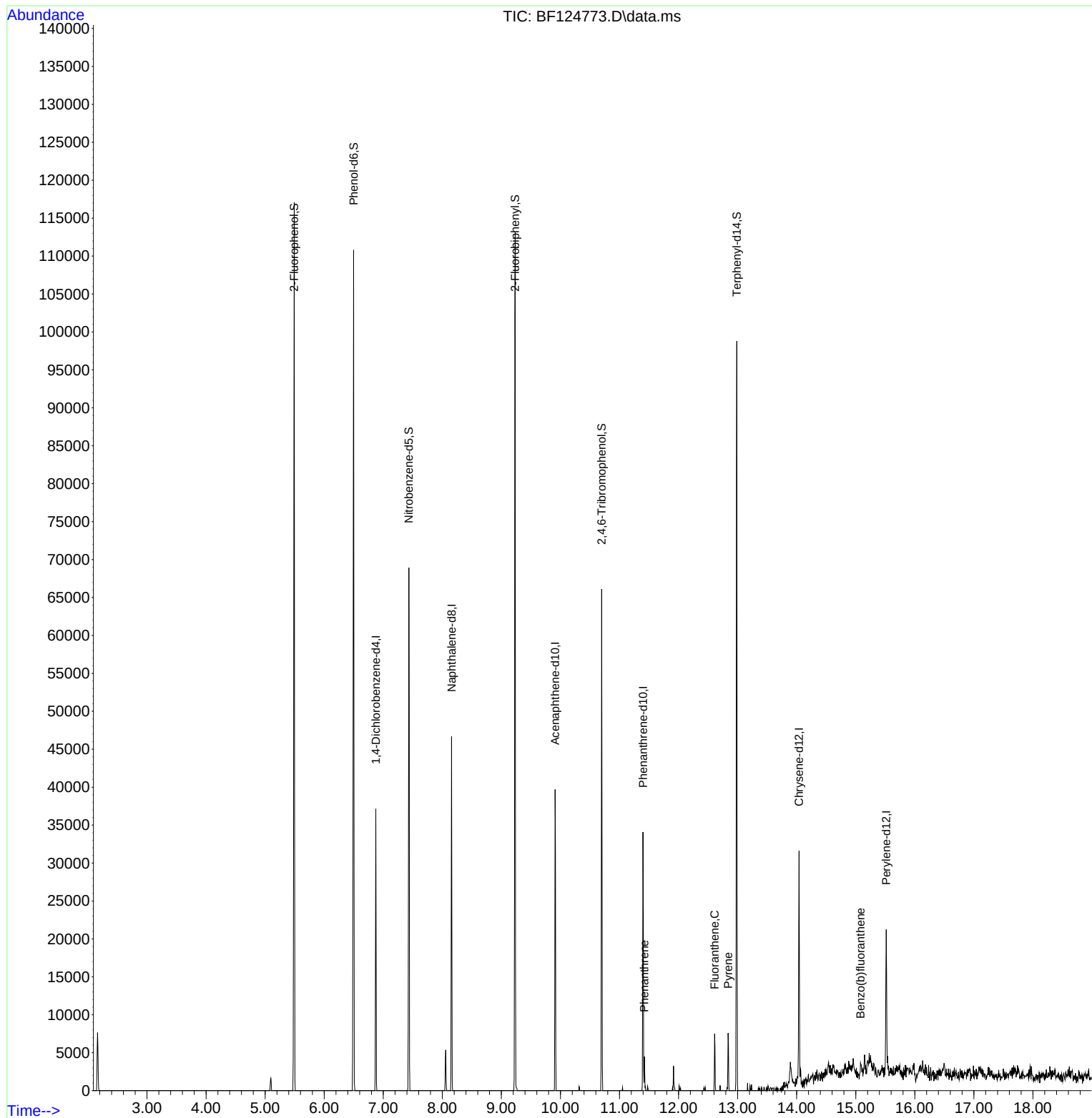
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072621\
Data File : BF124773.D
Acq On : 26 Jul 2021 19:47
Operator : JU/CG
Sample : M3143-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

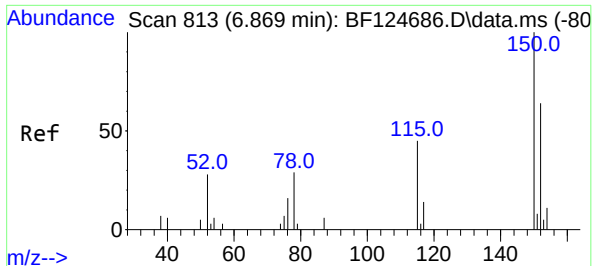
Instrument :
BNA_F
ClientSampleId :
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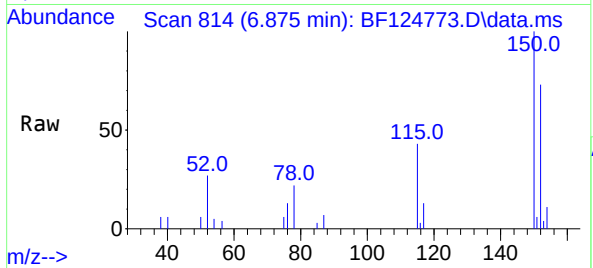
Quant Time: Jul 27 04:25:05 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 22 15:28:57 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. 0.006 min
Lab File: BF124773.D
Acq: 26 Jul 2021 19:47

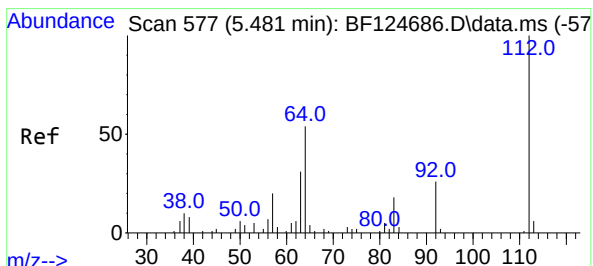
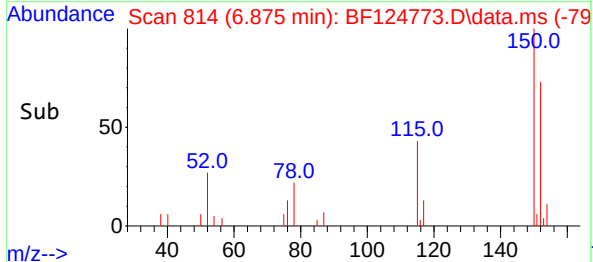
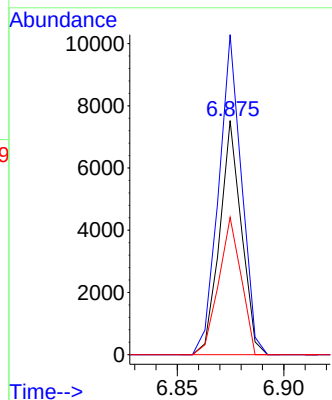
Instrument :
BNA_F
ClientSampled :
STOCK-PILE-2



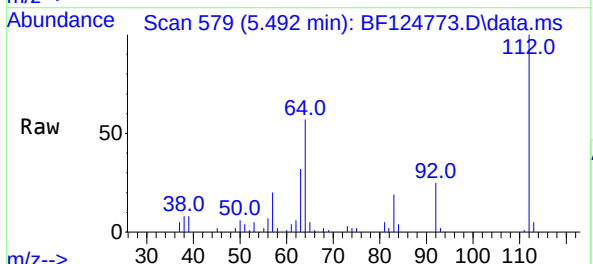
Tgt Ion:152 Resp: 5344
Ion Ratio Lower Upper
152 100
150 136.7 117.6 176.4
115 58.6 47.1 70.7

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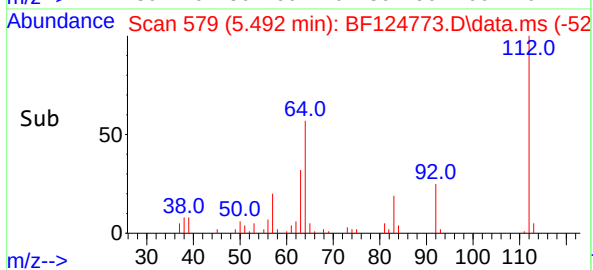
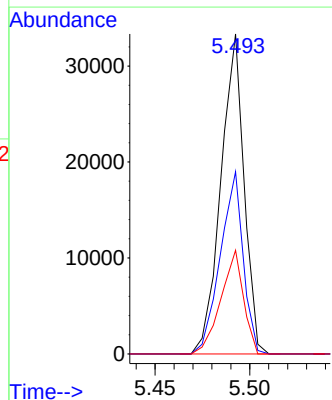
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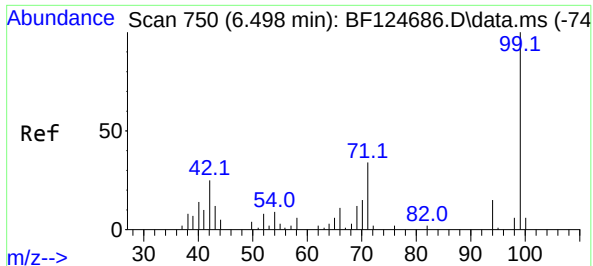


#5
2-Fluorophenol
Concen: 89.987 ng
RT: 5.492 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF124773.D
Acq: 26 Jul 2021 19:47



Tgt Ion:112 Resp: 28402
Ion Ratio Lower Upper
112 100
64 57.0 44.2 66.2
63 32.4 26.2 39.2





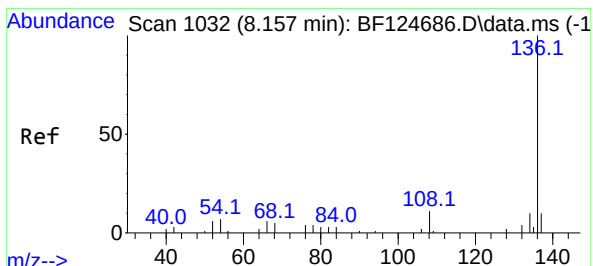
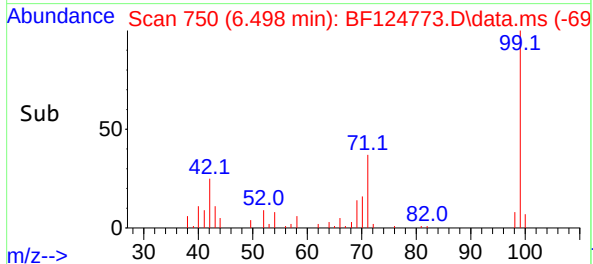
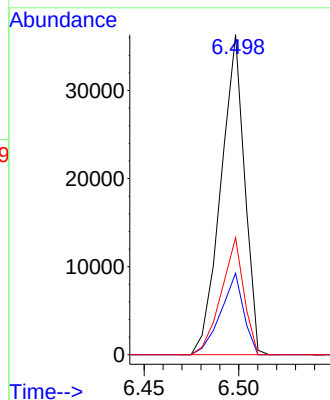
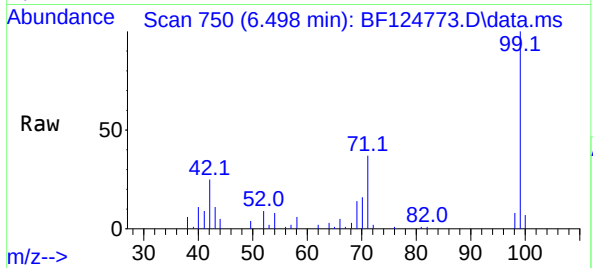
#7
Phenol-d6
Concen: 79.971 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.000 min
Lab File: BF124773.D
Acq: 26 Jul 2021 19:47

Tgt Ion: 99	Resp: 31643
Ion Ratio	Lower Upper
99 100	
42 25.5	23.5 35.3
71 36.6	25.6 38.4

Instrument :
BNA_F
ClientSampled :
STOCK-PILE-2

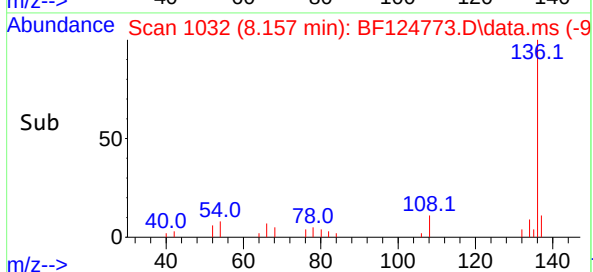
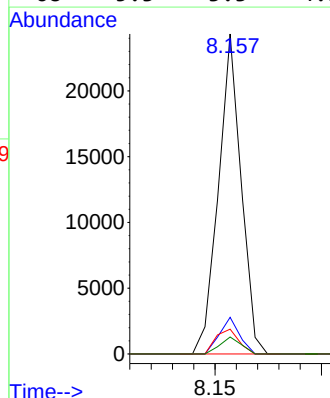
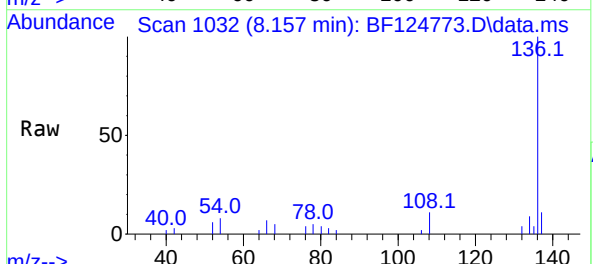
Manual Integrations
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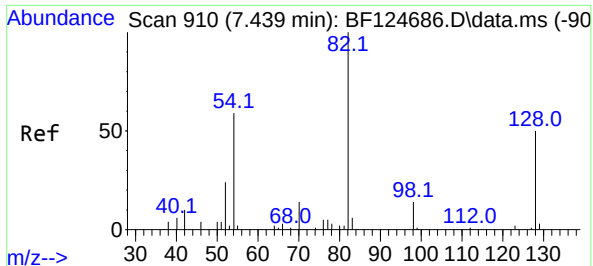
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF124773.D
Acq: 26 Jul 2021 19:47

Tgt Ion:136	Resp: 18017
Ion Ratio	Lower Upper
136 100	
137 11.5	9.8 14.6
54 7.8	6.4 9.6
68 5.3	3.3 4.9#





#23

Nitrobenzene-d5

Concen: 66.947 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF124773.D

Acq: 26 Jul 2021 19:47

Tgt Ion:	82	Resp:	20266
Ion	Ratio	Lower	Upper
82	100		
128	42.7	40.6	60.8
54	60.8	49.6	74.4

Instrument :

BNA_F

ClientSampleId :

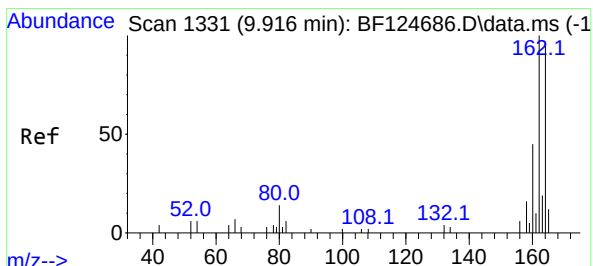
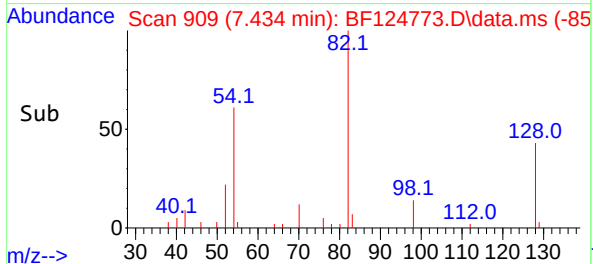
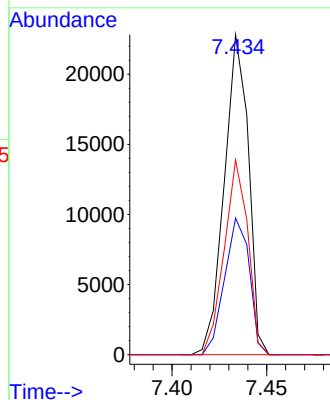
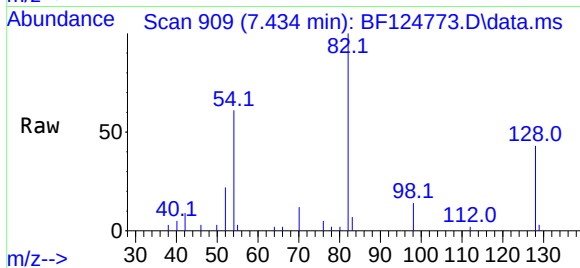
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#39

Acenaphthene-d10

Concen: 20.000 ng

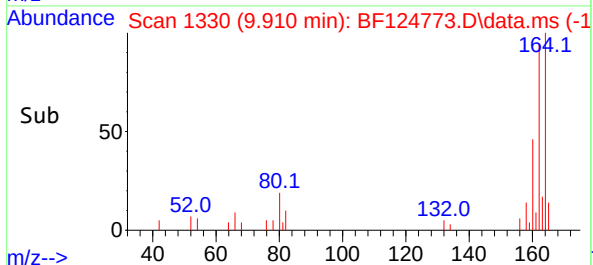
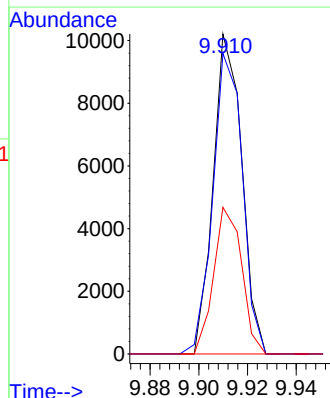
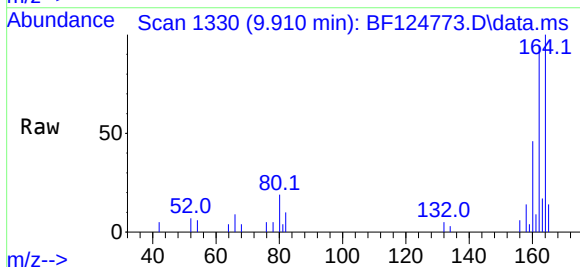
RT: 9.910 min Scan# 1330

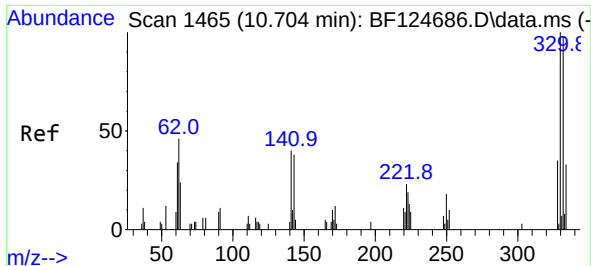
Delta R.T. -0.006 min

Lab File: BF124773.D

Acq: 26 Jul 2021 19:47

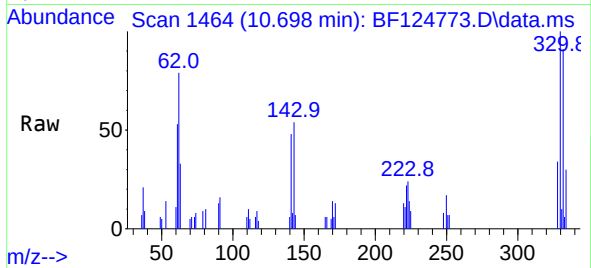
Tgt Ion:	164	Resp:	8312
Ion	Ratio	Lower	Upper
164	100		
162	93.9	81.3	121.9
160	45.8	38.0	57.0





#42
2,4,6-Tribromophenol
Concen: 82.630 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF124773.D
Acq: 26 Jul 2021 19:47

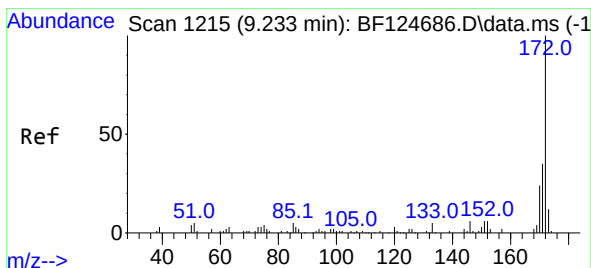
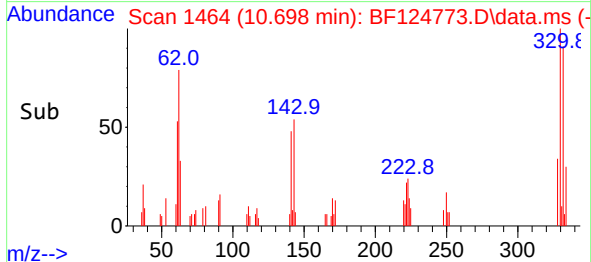
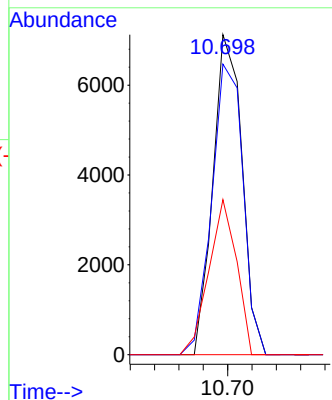
Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-2



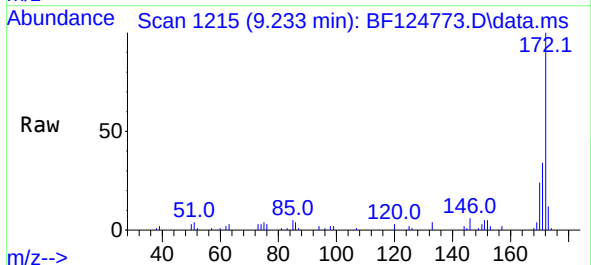
Tgt Ion:330 Resp: 5897
Ion Ratio Lower Upper
330 100
332 97.8 76.2 114.4
141 46.4 44.6 66.8

Manual Integrations
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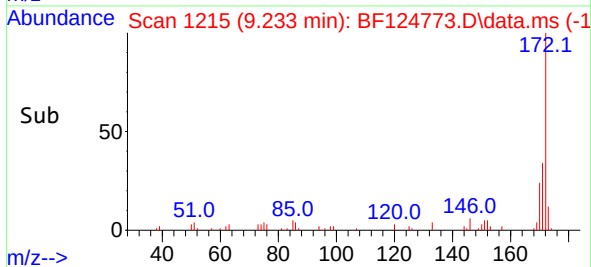
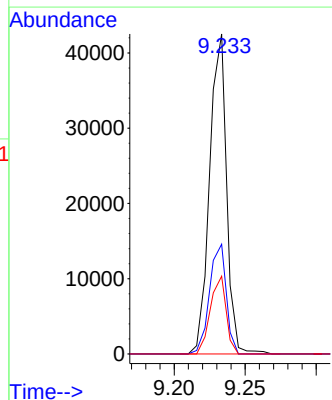
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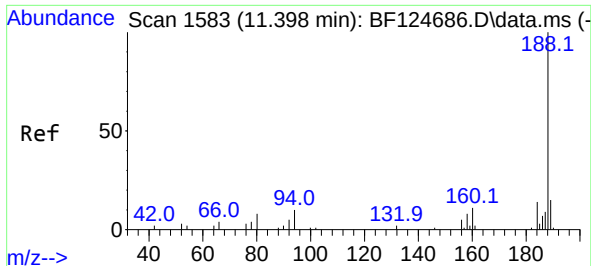


#45
2-Fluorobiphenyl
Concen: 62.491 ng
RT: 9.233 min Scan# 1215
Delta R.T. -0.000 min
Lab File: BF124773.D
Acq: 26 Jul 2021 19:47

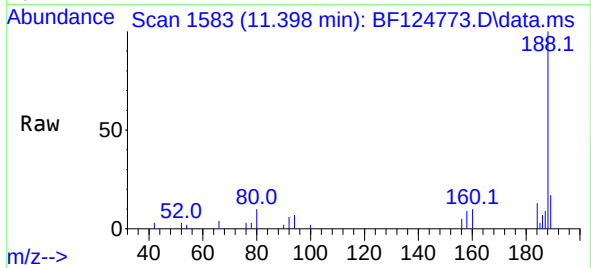


Tgt Ion:172 Resp: 35365
Ion Ratio Lower Upper
172 100
171 34.3 26.5 39.7
170 24.3 18.8 28.2

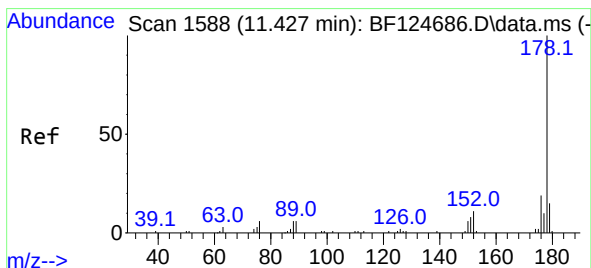
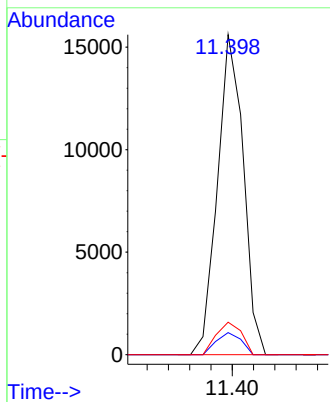
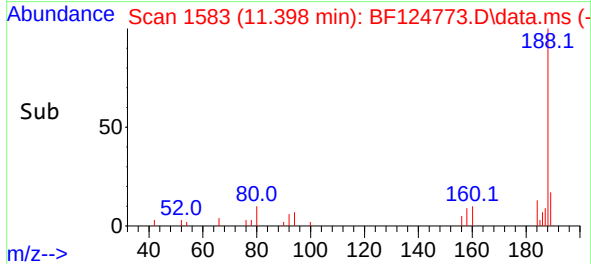




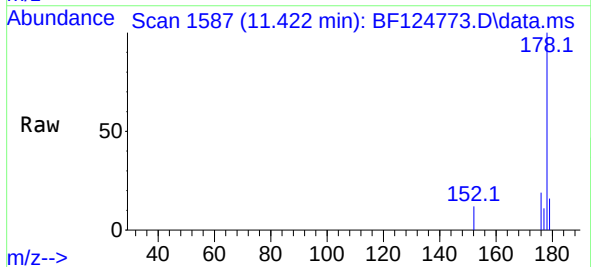
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF124773.D
Acq: 26 Jul 2021 19:47



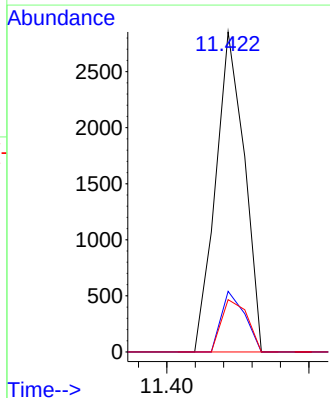
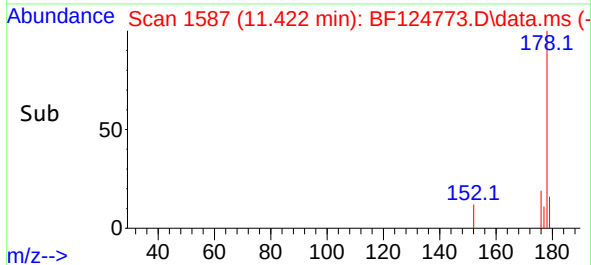
Tgt Ion:188 Resp: 13157
Ion Ratio Lower Upper
188 100
94 6.9 6.7 10.1
80 10.2 7.5 11.3



#71
Phenanthrene
Concen: 2.825 ng
RT: 11.422 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BF124773.D
Acq: 26 Jul 2021 19:47



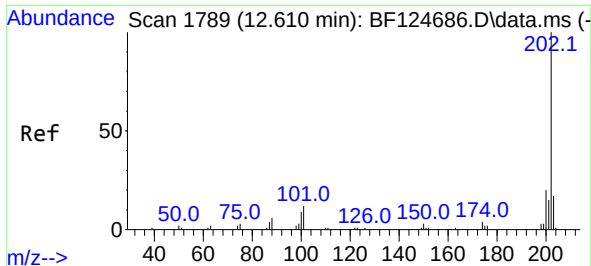
Tgt Ion:178 Resp: 1999
Ion Ratio Lower Upper
178 100
176 18.9 14.7 22.1
179 16.3 11.5 17.3



Instrument :
BNA_F
ClientSampleId :
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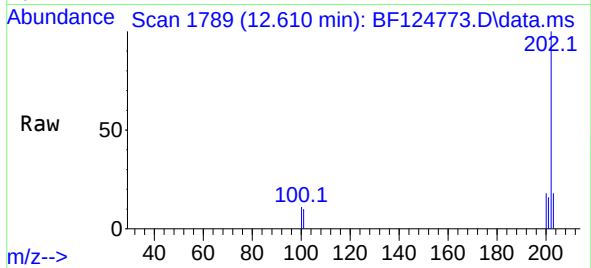
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#75
Fluoranthene
Concen: 4.922 ng
RT: 12.610 min Scan# 1789
Delta R.T. -0.000 min
Lab File: BF124773.D
Acq: 26 Jul 2021 19:47

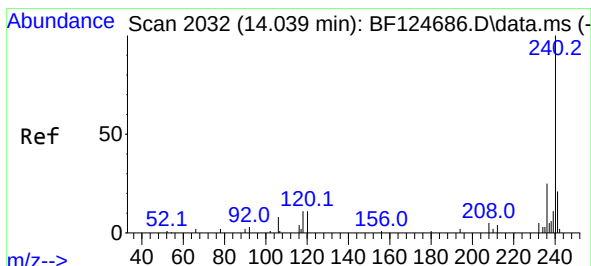
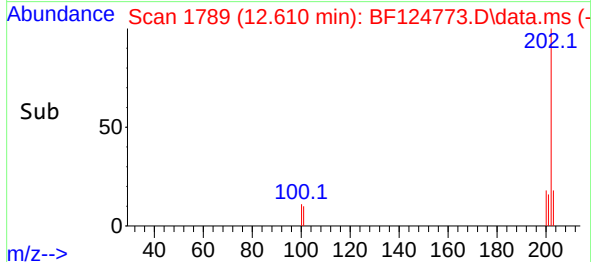
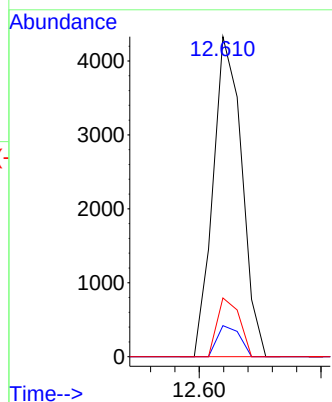
Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-2



Tgt Ion:202 Resp: 3554
Ion Ratio Lower Upper
202 100
101 9.7 0.0 30.7
203 18.4 0.0 36.3

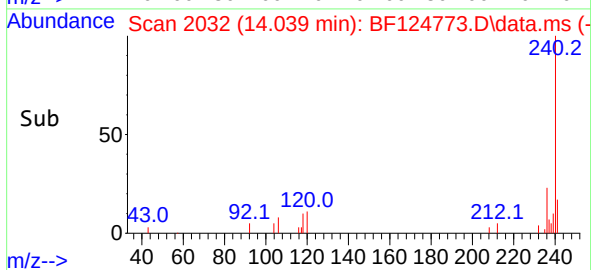
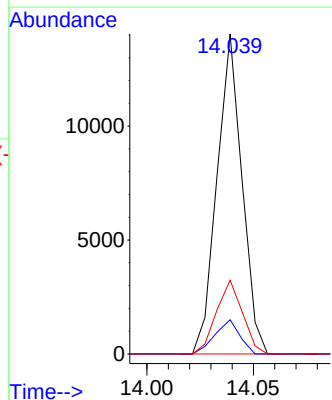
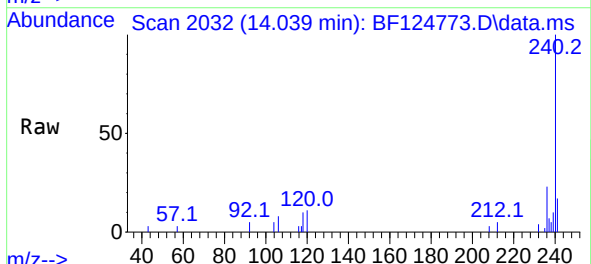
Manual Integrations
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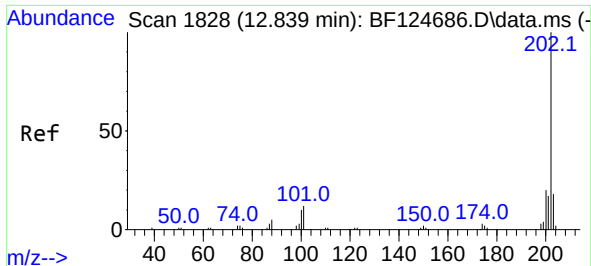
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.000 min
Lab File: BF124773.D
Acq: 26 Jul 2021 19:47

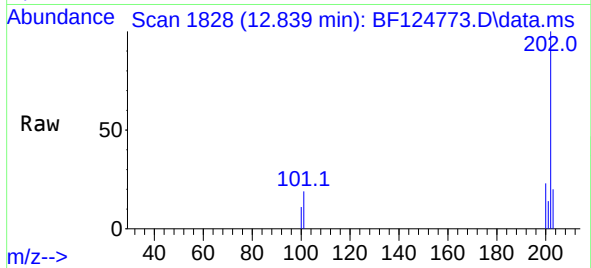
Tgt Ion:240 Resp: 11456
Ion Ratio Lower Upper
240 100
120 10.7 10.8 16.2#
236 23.1 21.6 32.4





#78
Pyrene
Concen: 3.952 ng
RT: 12.839 min Scan# 1828
Delta R.T. -0.000 min
Lab File: BF124773.D
Acq: 26 Jul 2021 19:47

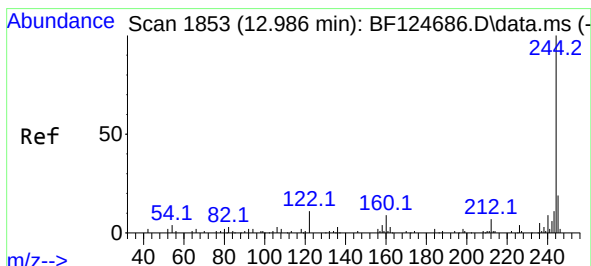
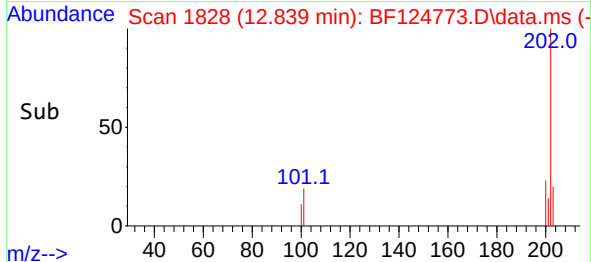
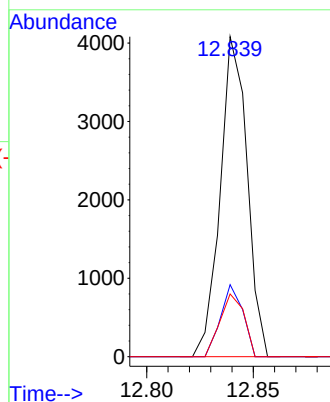
Instrument :
BNA_F
ClientSampled :
STOCK-PILE-2



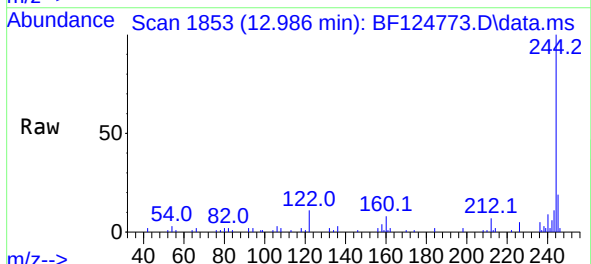
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Ion Ratio Lower Upper
202 100
200 22.5 15.3 22.9
203 19.6 13.4 20.0

Manual Integrations
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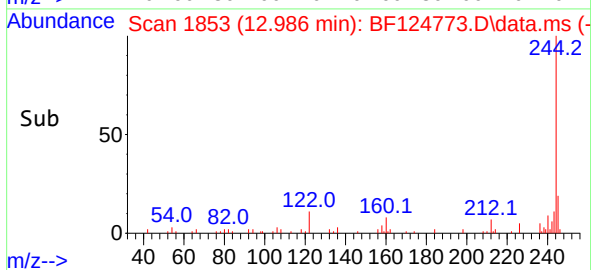
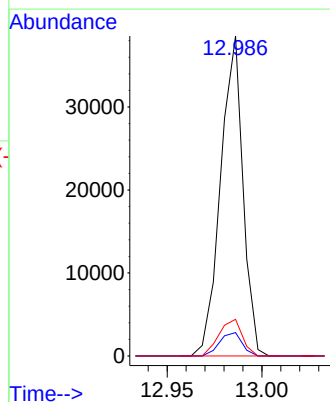
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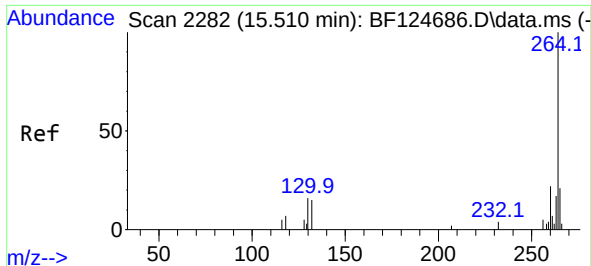


#79
Terphenyl-d14
Concen: 47.399 ng
RT: 12.986 min Scan# 1853
Delta R.T. -0.000 min
Lab File: BF124773.D
Acq: 26 Jul 2021 19:47



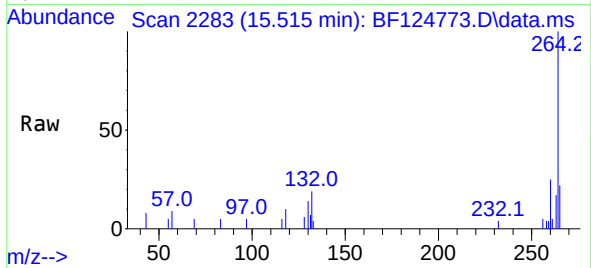
Tgt Ion:244 Resp: 31678
Ion Ratio Lower Upper
244 100
212 7.3 5.9 8.9
122 11.4 9.0 13.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.515 min Scan# 2283
Delta R.T. 0.006 min
Lab File: BF124773.D
Acq: 26 Jul 2021 19:47

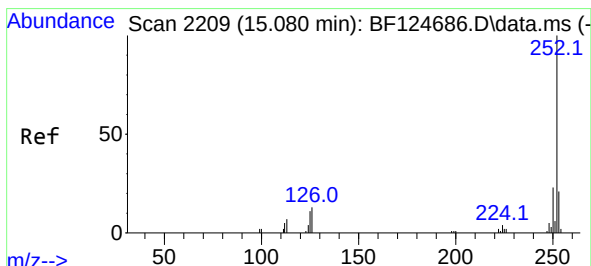
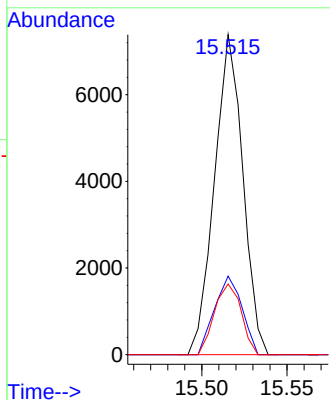
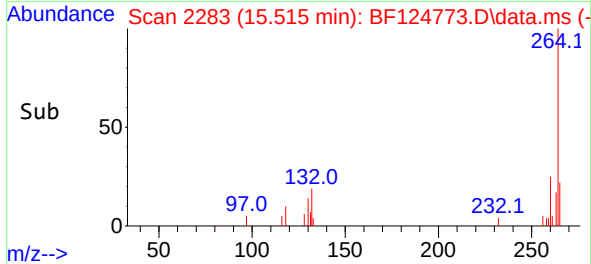
Instrument :
BNA_F
ClientSampled :
STOCK-PILE-2



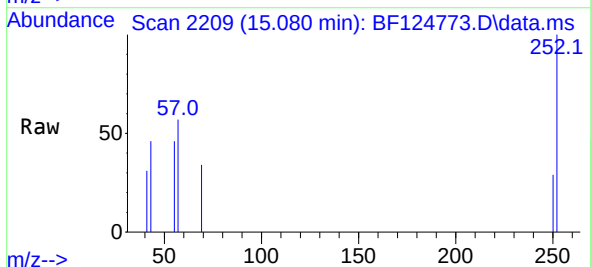
Tgt Ion:264 Resp: 8554
Ion Ratio Lower Upper
264 100
260 24.6 19.6 29.4
265 22.1 17.2 25.8

Manual Integrations
APPROVED

mohammad
7/27/2021 12:05:28 PM



#88
Benzo(b)fluoranthene
Concen: 2.467 ng m
RT: 15.080 min Scan# 2209
Delta R.T. -0.000 min
Lab File: BF124773.D
Acq: 26 Jul 2021 19:47



Tgt Ion:252 Resp: 1486
Ion Ratio Lower Upper
252 100
253 0.0 16.8 25.2#
125 0.0 9.8 14.8#

