

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070121\
 Data File : BF124514.D
 Acq On : 1 Jul 2021 16:34
 Operator : JU/CG
 Sample : M2896-04DL 100X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FS-02DL

Manual Integrations
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Quant Time: Jul 01 17:02:12 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 01 14:15:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.681	152	30228	20.000	ng	0.00
21) Naphthalene-d8	7.963	136	117260	20.000	ng	# 0.00
39) Acenaphthene-d10	9.716	164	68080	20.000	ng	0.00
64) Phenanthrene-d10	11.204	188	130539	20.000	ng	# 0.00
76) Chrysene-d12	13.851	240	75082	20.000	ng	0.00
86) Perylene-d12	15.280	264	69963	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	867	0.451	ng	0.06
7) Phenol-d6	6.345	99	2839	1.131	ng	0.00
23) Nitrobenzene-d5	7.228	82	12105m	4.280	ng	-0.03
42) 2,4,6-Tribromophenol	10.516	330	1012	1.244	ng	0.00
45) 2-Fluorobiphenyl	9.039	172	4852	0.873	ng	0.00
79) Terphenyl-d14	12.786	244	8367	1.669	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.357	94	73811	27.201	ng	95
17) 2-Methylphenol	6.957	107	52035	30.442	ng	# 92
20) 3+4-Methylphenols	7.122	107	111534	49.990	ng	# 70
27) 2,4-Dimethylphenol	7.639	122	46236	25.241	ng	91

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

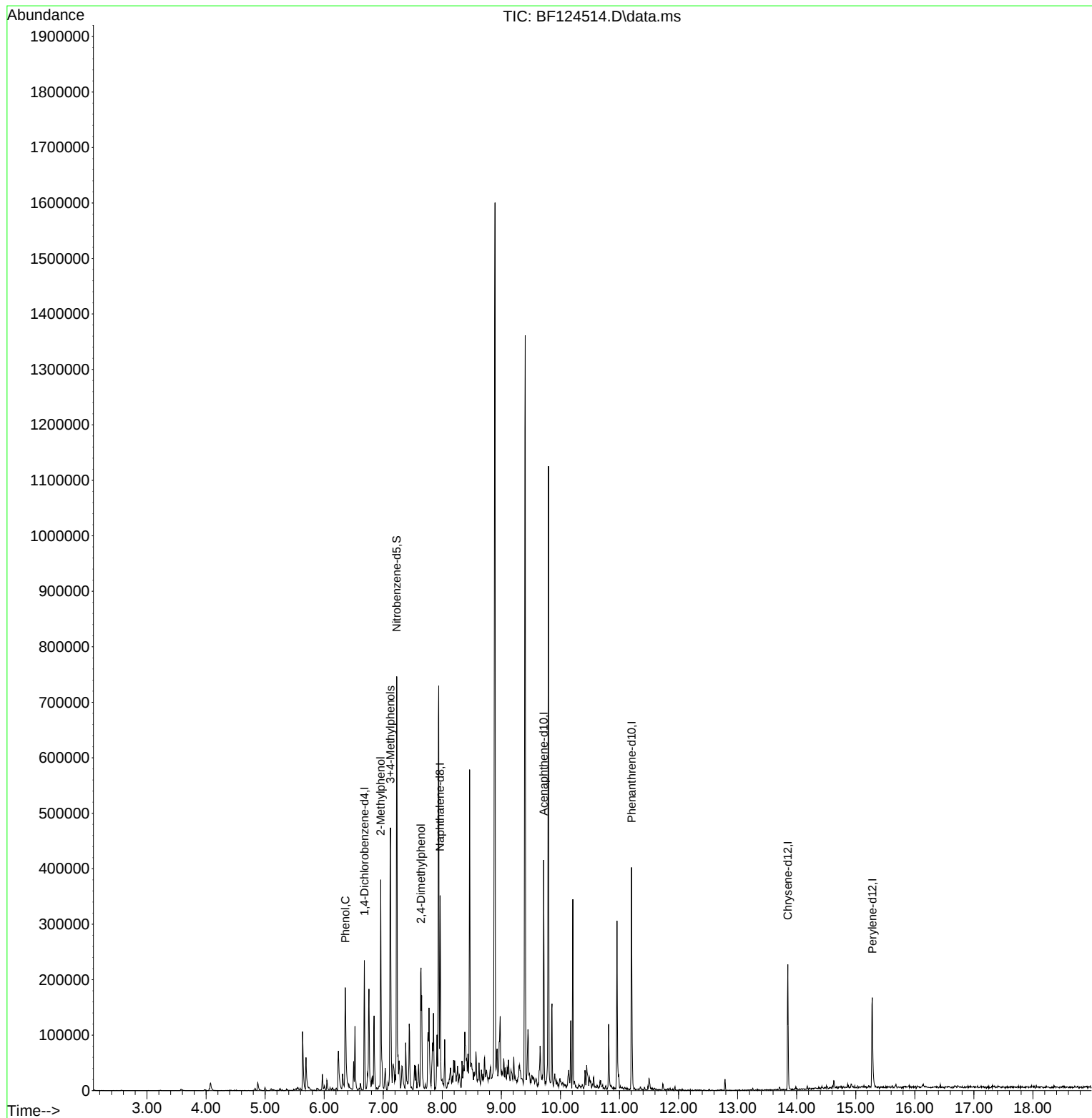
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070121\
Data File : BF124514.D
Acq On : 1 Jul 2021 16:34
Operator : JU/CG
Sample : M2896-04DL 100X
Misc :
ALS Vial : 10 Sample Multiplier: 1

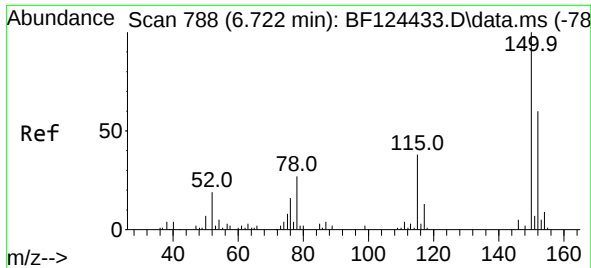
Instrument :
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ClientSampleId :
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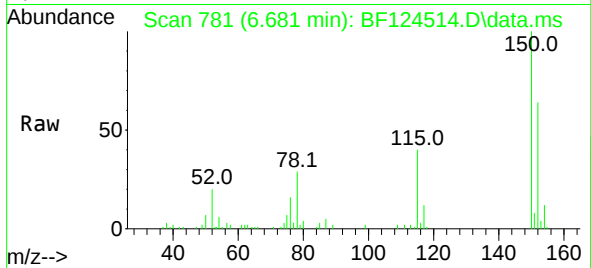
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Quant Time: Jul 01 17:02:12 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 01 14:15:13 2021
Response via : Initial Calibration

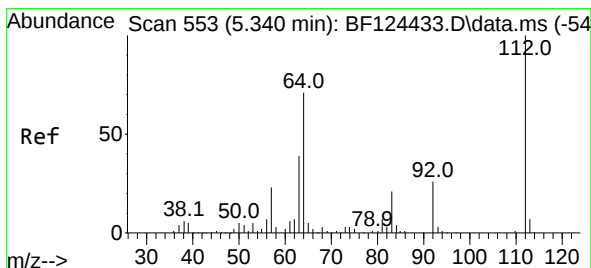
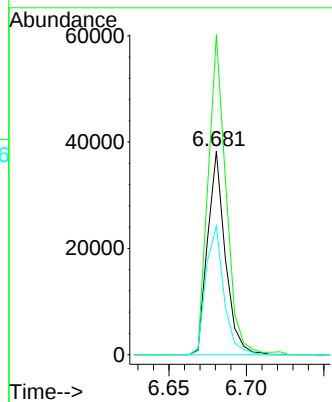
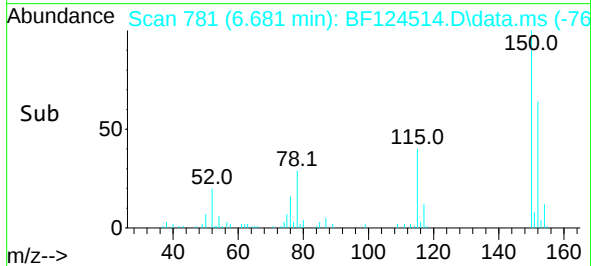




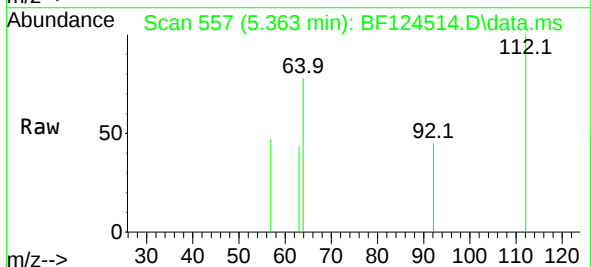
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.681 min Scan# 781
Delta R.T. -0.000 min
Lab File: BF124514.D
Acq: 1 Jul 2021 16:34



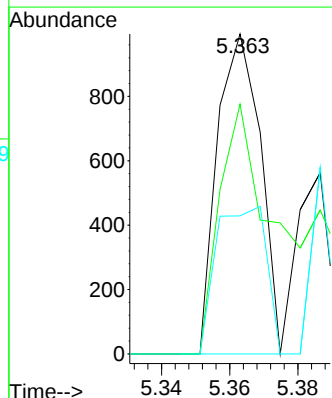
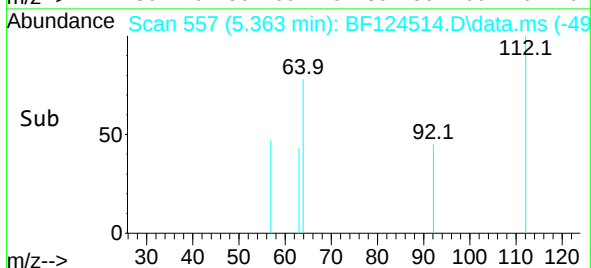
Tgt Ion:152 Resp: 30228
Ion Ratio Lower Upper
152 100
150 157.2 127.0 190.6
115 63.3 54.3 81.5



#5
2-Fluorophenol
Concen: 0.451 ng
RT: 5.363 min Scan# 557
Delta R.T. 0.059 min
Lab File: BF124514.D
Acq: 1 Jul 2021 16:34



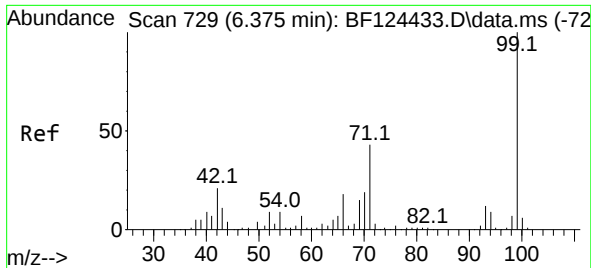
Tgt Ion:112 Resp: 867
Ion Ratio Lower Upper
112 100
64 78.1 61.4 92.0
63 43.2 33.0 49.4



Instrument :
BNA_F
ClientSampleId :
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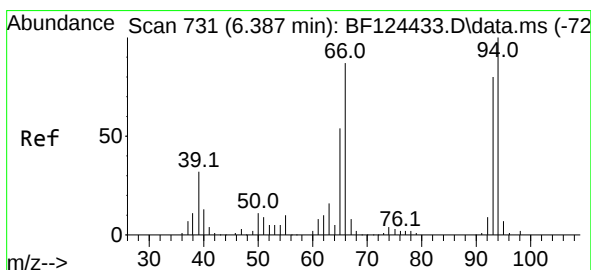
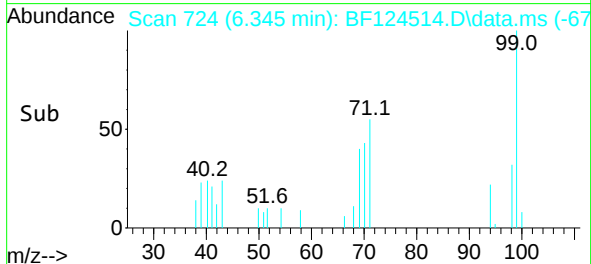
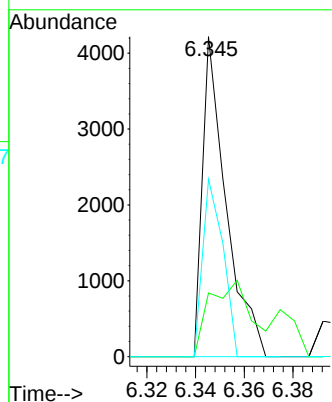
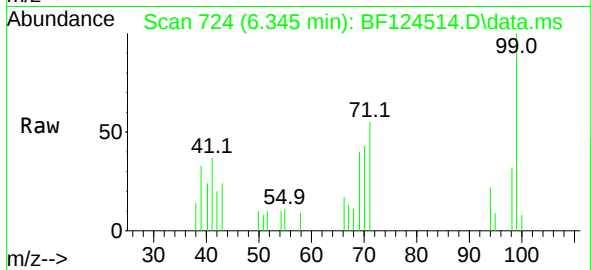
#7
Phenol-d6
Concen: 1.131 ng
RT: 6.345 min Scan# 724
Delta R.T. 0.006 min
Lab File: BF124514.D
Acq: 1 Jul 2021 16:34

Instrument :
BNA_F
ClientSampled :
FS-02DL

Tgt Ion: 99 Resp: 2839
Ion Ratio Lower Upper
99 100
42 19.9 19.8 29.8
71 55.5 31.1 46.7#

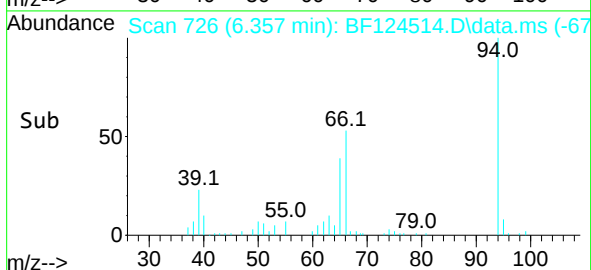
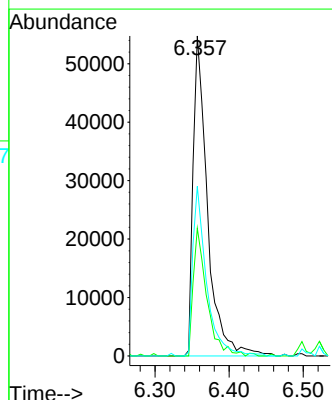
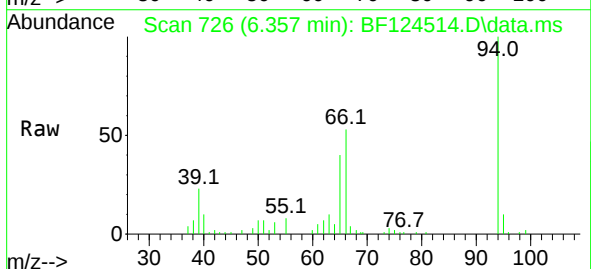
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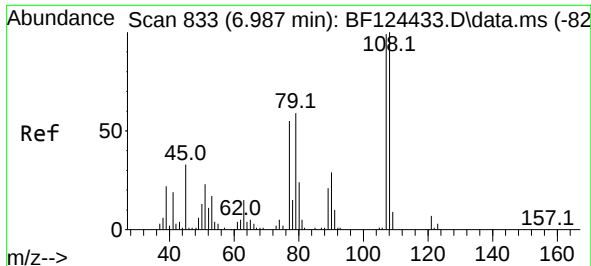
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#10
Phenol
Concen: 27.201 ng
RT: 6.357 min Scan# 726
Delta R.T. 0.000 min
Lab File: BF124514.D
Acq: 1 Jul 2021 16:34

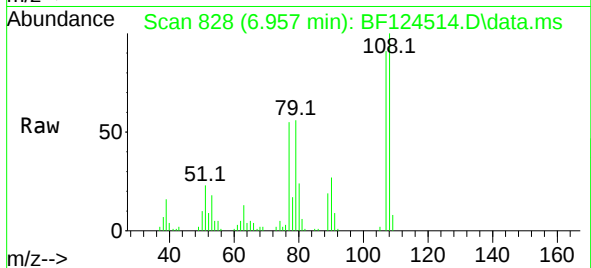
Tgt Ion: 94 Resp: 73811
Ion Ratio Lower Upper
94 100
65 39.9 18.1 58.1
66 53.0 29.0 69.0





#17
2-Methylphenol
Concen: 30.442 ng
RT: 6.957 min Scan# 828
Delta R.T. 0.000 min
Lab File: BF124514.D
Acq: 1 Jul 2021 16:34

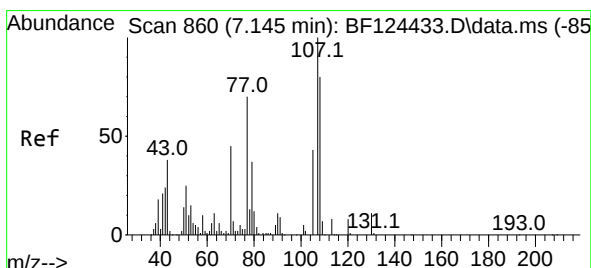
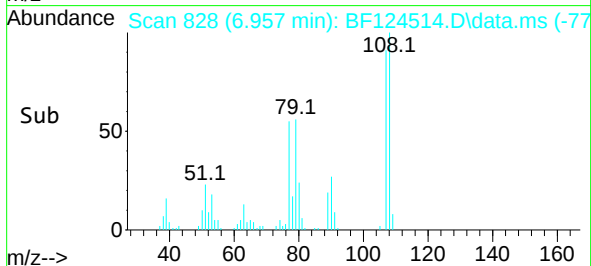
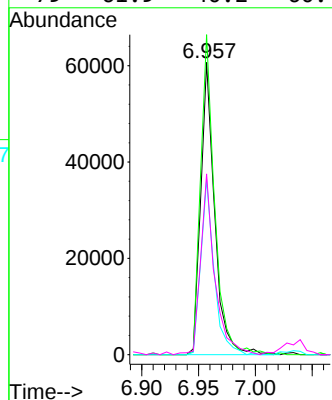
Instrument :
BNA_F
ClientSampleId :
FS-02DL



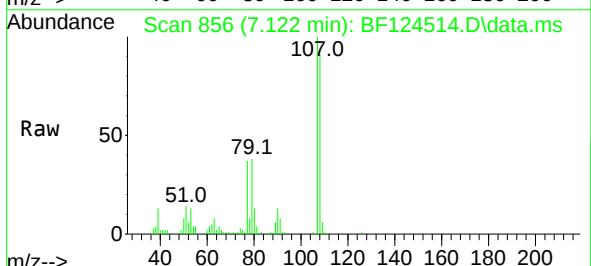
Tgt Ion	Ratio	Lower	Upper
107	100		
108	109.5	89.8	134.8
77	59.9	40.9	61.3
79	61.9	40.2	60.4

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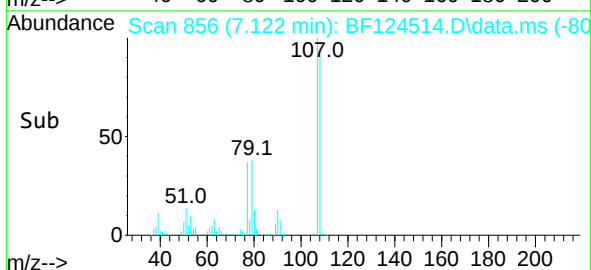
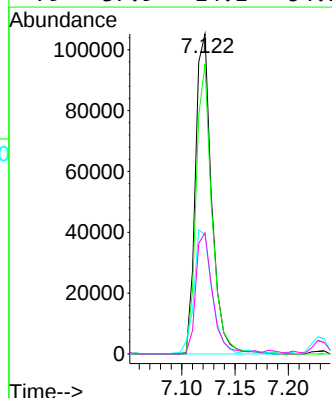
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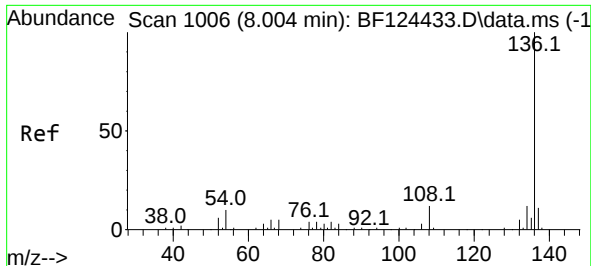


#20
3+4-Methylphenols
Concen: 49.990 ng
RT: 7.122 min Scan# 856
Delta R.T. 0.006 min
Lab File: BF124514.D
Acq: 1 Jul 2021 16:34



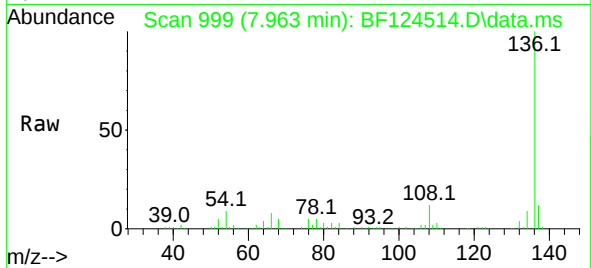
Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.6	71.5	111.5
77	37.4	82.0	122.0
79	37.9	14.1	54.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.963 min Scan# 999
Delta R.T. -0.006 min
Lab File: BF124514.D
Acq: 1 Jul 2021 16:34

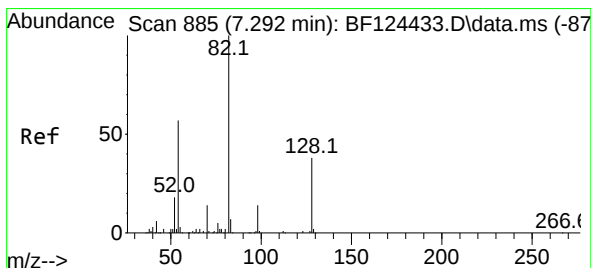
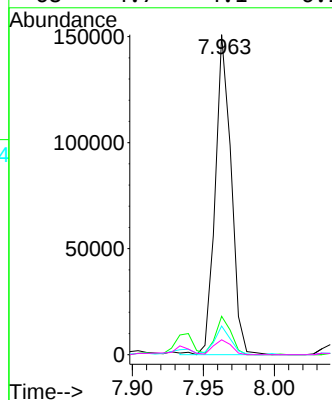
Instrument :
BNA_F
ClientSampleID :
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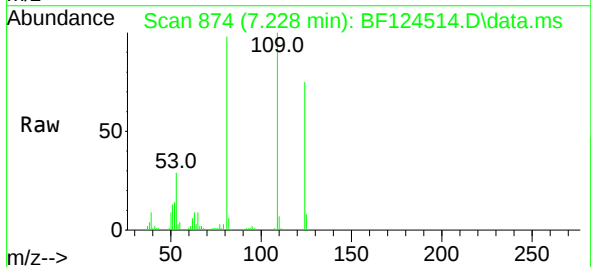
Tgt Ion:136 Resp: 117260
Ion Ratio Lower Upper
136 100
137 12.0 8.7 13.1
54 9.0 9.8 14.6#
68 4.7 4.1 6.1

Manual Integrations
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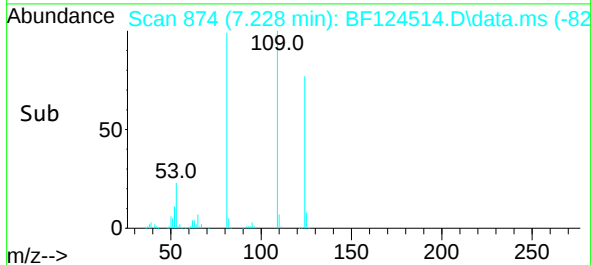
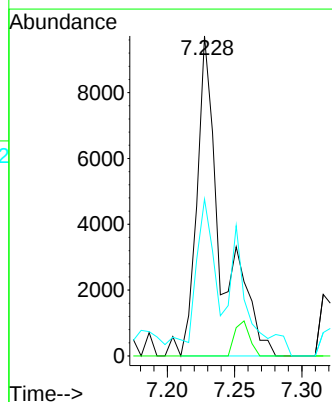
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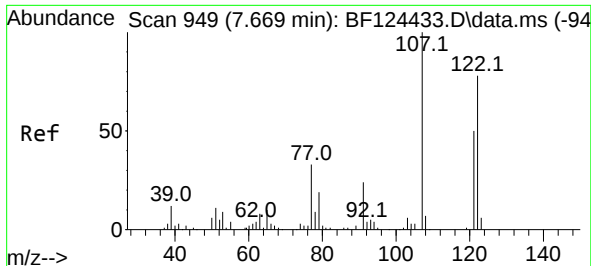


#23
Nitrobenzene-d5
Concen: 4.280 ng m
RT: 7.228 min Scan# 874
Delta R.T. -0.029 min
Lab File: BF124514.D
Acq: 1 Jul 2021 16:34

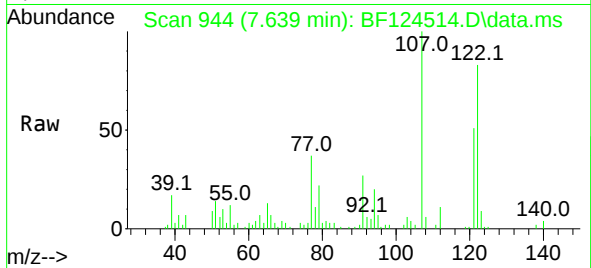


Tgt Ion: 82 Resp: 12105
Ion Ratio Lower Upper
82 100
128 0.0 29.4 44.2#
54 49.0 54.1 81.1#

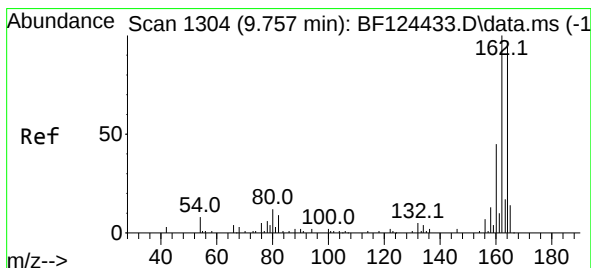
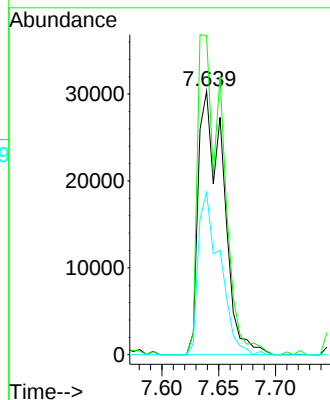
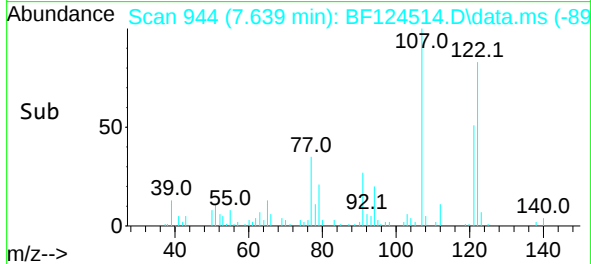




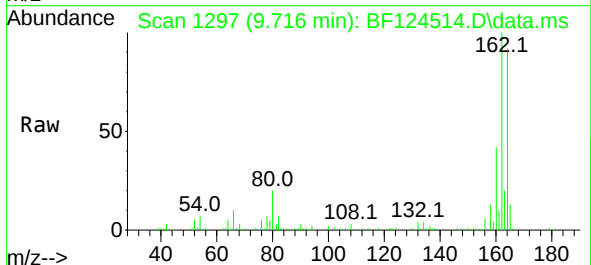
#27
2,4-Dimethylphenol
Concen: 25.241 ng
RT: 7.639 min Scan# 944
Delta R.T. 0.006 min
Lab File: BF124514.D
Acq: 1 Jul 2021 16:34



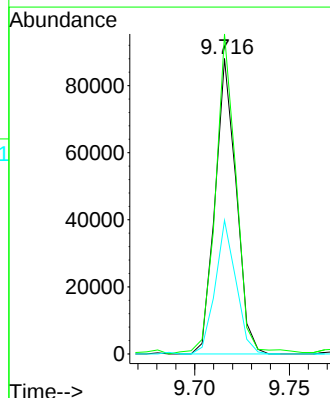
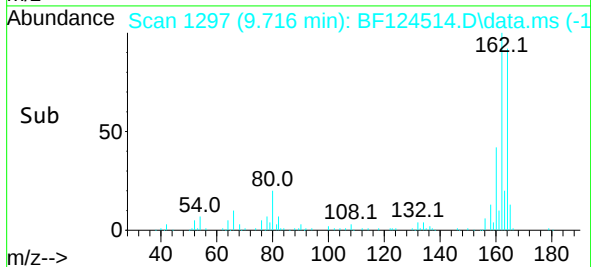
Tgt Ion:122 Resp: 46236
Ion Ratio Lower Upper
122 100
107 121.0 106.3 159.5
121 61.6 45.4 68.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.716 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BF124514.D
Acq: 1 Jul 2021 16:34



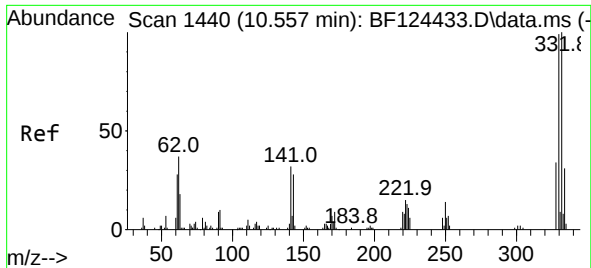
Tgt Ion:164 Resp: 68080
Ion Ratio Lower Upper
164 100
162 108.4 80.7 121.1
160 45.2 37.3 55.9



Instrument :
BNA_F
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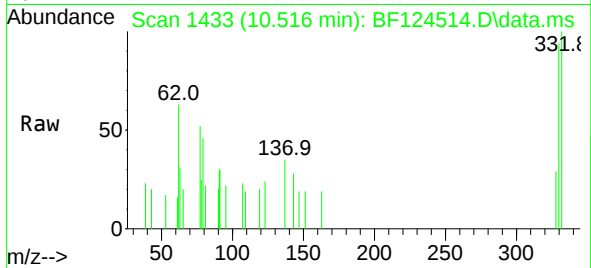
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#42
2,4,6-Tribromophenol
Concen: 1.244 ng
RT: 10.516 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF124514.D
Acq: 1 Jul 2021 16:34

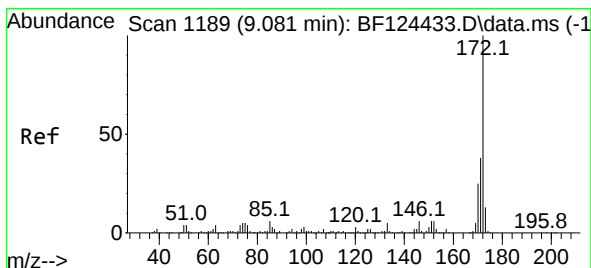
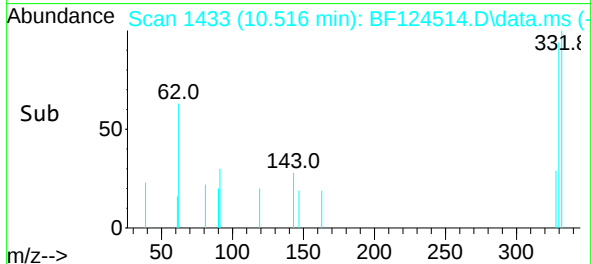
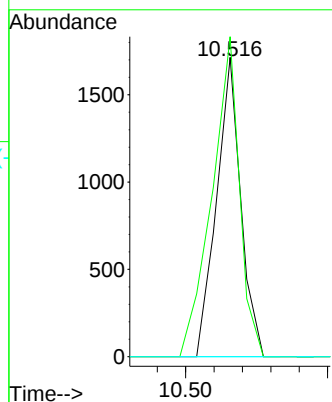
Instrument :
BNA_F
ClientSampleId :
FS-02DL



Tgt Ion:330 Resp: 1012
Ion Ratio Lower Upper
330 100
332 121.9 77.1 115.7#
141 0.0 27.9 41.9#

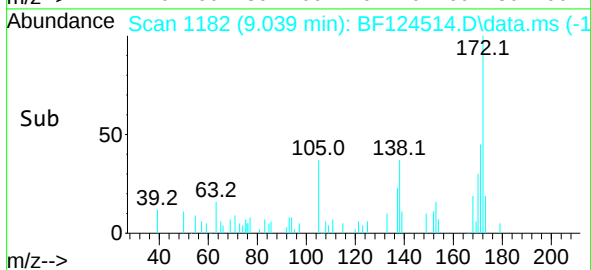
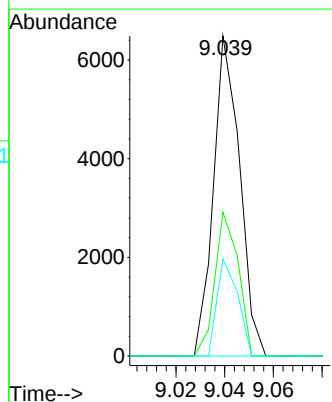
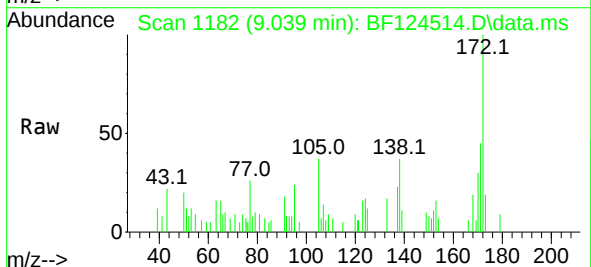
Manual Integrations
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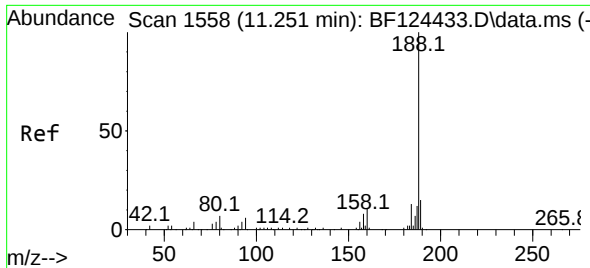
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#45
2-Fluorobiphenyl
Concen: 0.873 ng
RT: 9.039 min Scan# 1182
Delta R.T. -0.006 min
Lab File: BF124514.D
Acq: 1 Jul 2021 16:34

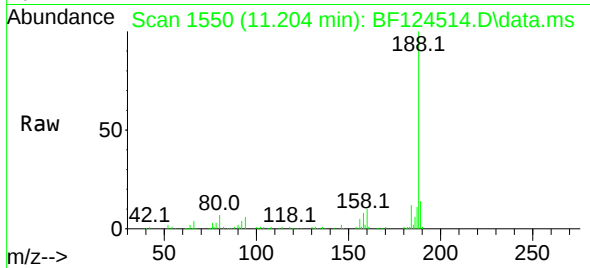
Tgt Ion:172 Resp: 4852
Ion Ratio Lower Upper
172 100
171 45.0 28.1 42.1#
170 30.3 19.2 28.8#





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.204 min Scan# 1550
Delta R.T. 0.000 min
Lab File: BF124514.D
Acq: 1 Jul 2021 16:34

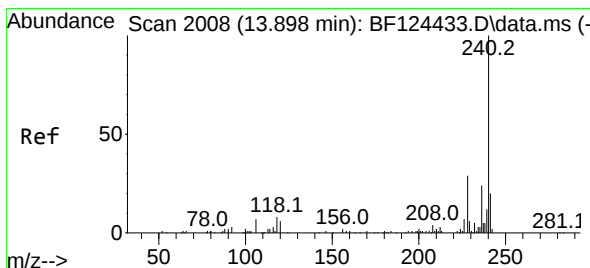
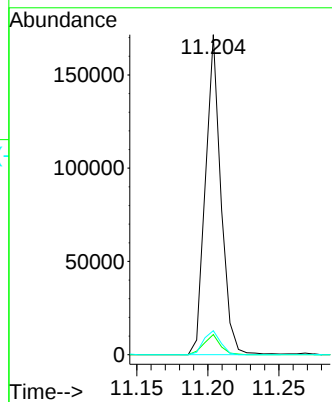
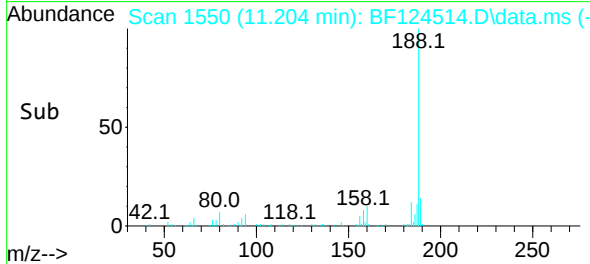
Instrument :
BNA_F
ClientSampleId :
FS-02DL



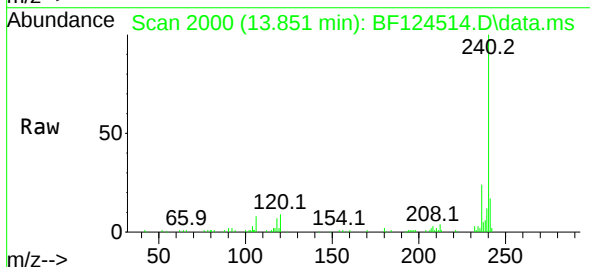
Tgt Ion:188 Resp: 130539
Ion Ratio Lower Upper
188 100
94 6.3 6.9 10.3#
80 7.5 8.2 12.2#

Manual Integrations
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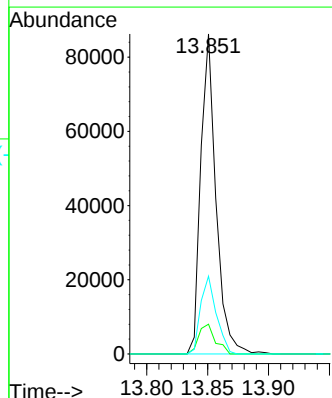
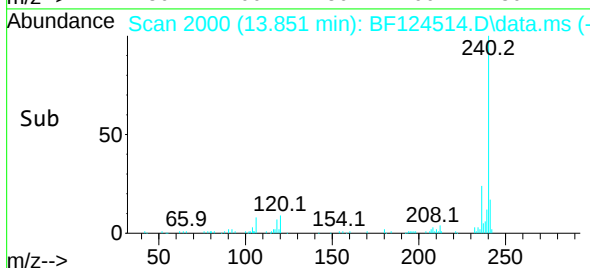
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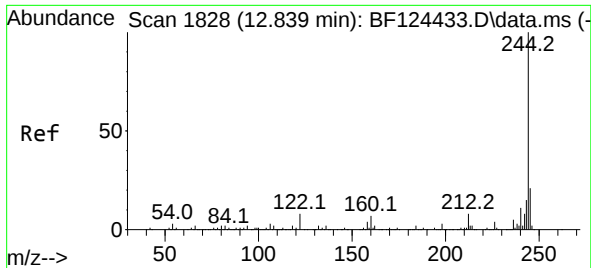


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.851 min Scan# 2000
Delta R.T. 0.000 min
Lab File: BF124514.D
Acq: 1 Jul 2021 16:34



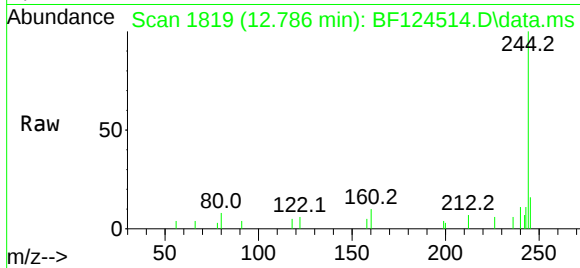
Tgt Ion:240 Resp: 75082
Ion Ratio Lower Upper
240 100
120 9.3 7.2 10.8
236 24.3 19.0 28.4





#79
 Terphenyl-d14
 Concen: 1.669 ng
 RT: 12.786 min Scan# 1819
 Delta R.T. -0.006 min
 Lab File: BF124514.D
 Acq: 1 Jul 2021 16:34

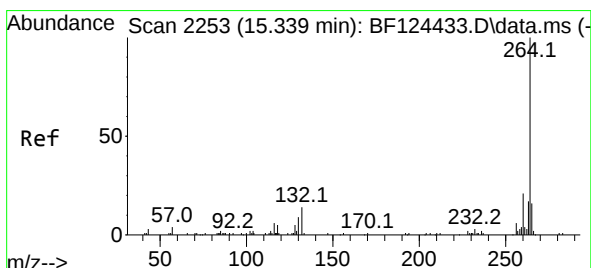
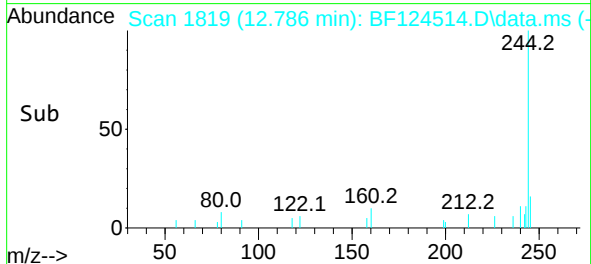
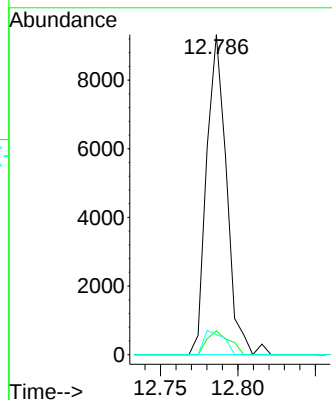
Instrument :
 BNA_F
 ClientSampleID :
 FS-02DL



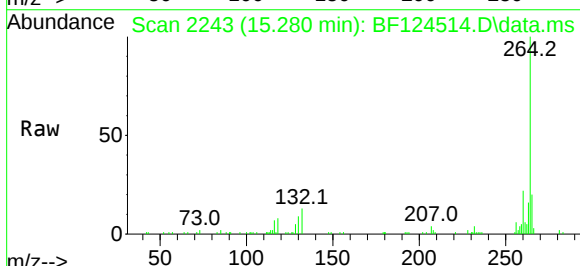
Tgt Ion:244 Resp: 8367
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.7 8.5
 122 6.3 9.7 14.5#

Manual Integrations
 APPROVED

mohammad
 7/2/2021 12:02:06 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.280 min Scan# 2243
 Delta R.T. 0.006 min
 Lab File: BF124514.D
 Acq: 1 Jul 2021 16:34



Tgt Ion:264 Resp: 69963
 Ion Ratio Lower Upper
 264 100
 260 22.3 18.7 28.1
 265 20.0 17.8 26.8

