

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061221\
 Data File : BF124289.D
 Acq On : 12 Jun 2021 16:42
 Operator : JU/CG
 Sample : M2674-04 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TMR-DS-04-060921

Manual Integrations
 APPROVED

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Quant Time: Jun 14 04:26:22 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 10 01:53:56 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	38106	20.000	ng	-0.01
21) Naphthalene-d8	8.128	136	144945	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	71783	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	96410	20.000	ng	0.00
76) Chrysene-d12	14.027	240	96016	20.000	ng	0.00
86) Perylene-d12	15.510	264	53670	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	52718	20.826	ng	-0.01
7) Phenol-d6	6.492	99	62115	18.255	ng	0.00
23) Nitrobenzene-d5	7.404	82	60453	16.542	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	16473	16.198	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	84417	14.798	ng	0.00
79) Terphenyl-d14	12.963	244	75068	10.734	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.504	94	116695	31.735	ng	92
17) 2-Methylphenol	7.116	107	113855	49.724	ng	# 90
20) 3+4-Methylphenols	7.281	107	271325	89.430	ng	# 69
27) 2,4-Dimethylphenol	7.798	122	188679	81.702	ng	89
31) Naphthalene	8.151	128	180728	20.855	ng	99
37) 2-Methylnaphthalene	8.845	142	215831	35.516	ng	98
38) 1-Methylnaphthalene	8.945	142	125872	22.165	ng	99
46) 1,1'-Biphenyl	9.304	154	33293	5.494	ng	93
52) Acenaphthene	9.922	154	15484	3.307	ng	# 86
55) Dibenzofuran	10.092	168	56349	7.689	ng	# 90
58) Fluorene	10.439	166	69633	12.378	ng	# 91
71) Phenanthrene	11.404	178	90243	14.984	ng	96
72) Anthracene	11.457	178	32755m	5.400	ng	
75) Fluoranthene	12.592	202	26338	4.166	ng	74
78) Pyrene	12.827	202	43722	4.742	ng	# 91

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

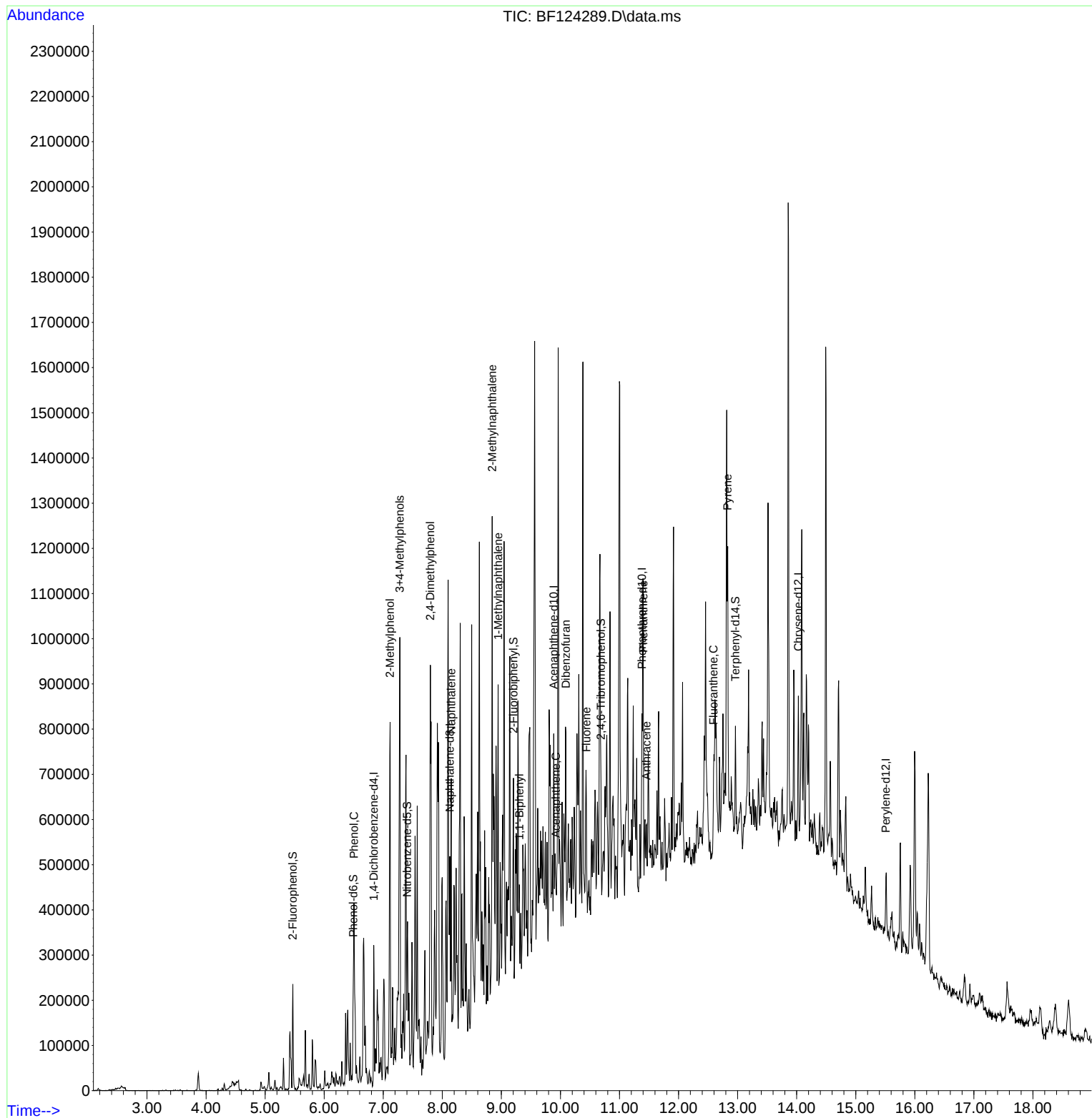
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061221\
Data File : BF124289.D
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ALS Vial : 13 Sample Multiplier: 1

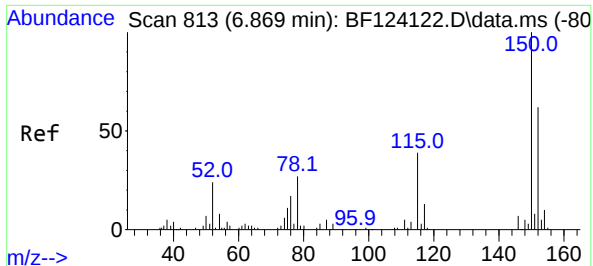
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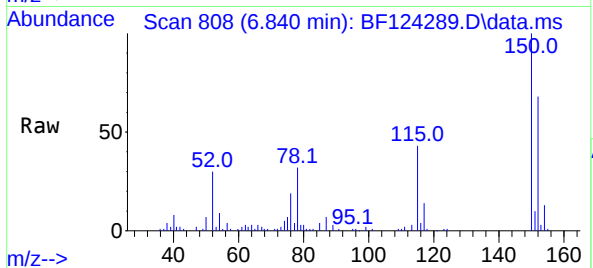
Quant Time: Jun 14 04:26:22 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 10 01:53:56 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.011 min
Lab File: BF124289.D
Acq: 12 Jun 2021 16:42

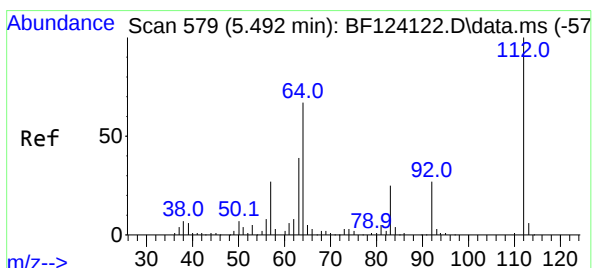
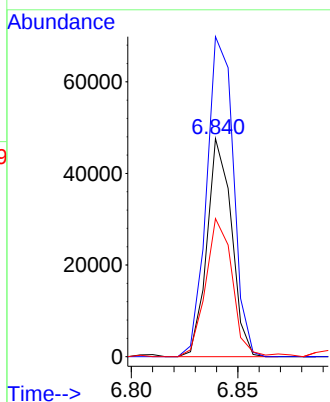
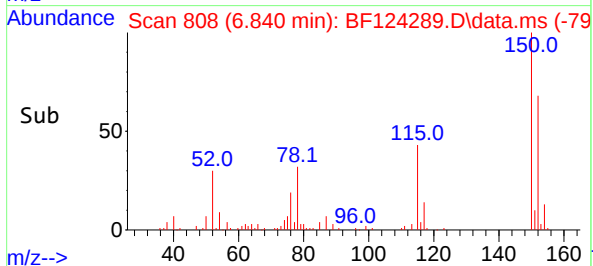
Instrument :
BNA_F
ClientSampleId :
TMR-DS-04-060921



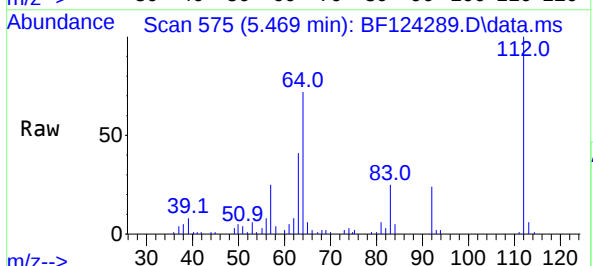
Tgt Ion:152 Resp: 38106
Ion Ratio Lower Upper
152 100
150 146.7 127.0 190.6
115 63.3 54.3 81.5

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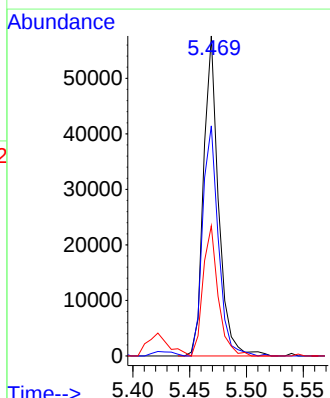
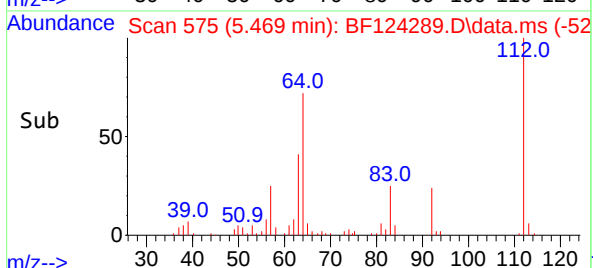
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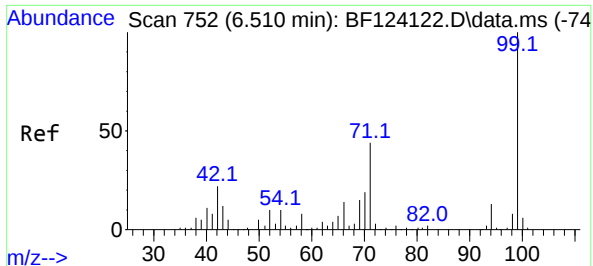


#5
2-Fluorophenol
Concen: 20.826 ng
RT: 5.469 min Scan# 575
Delta R.T. -0.012 min
Lab File: BF124289.D
Acq: 12 Jun 2021 16:42



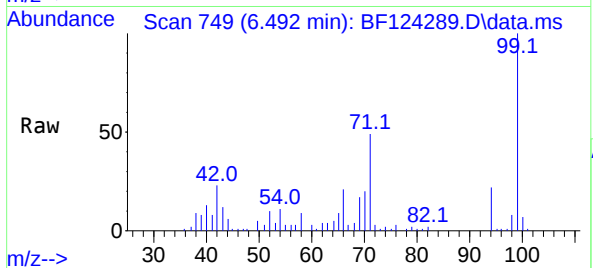
Tgt Ion:112 Resp: 52718
Ion Ratio Lower Upper
112 100
64 71.9 61.4 92.0
63 40.7 33.0 49.4





#7
Phenol-d6
Concen: 18.255 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF124289.D
Acq: 12 Jun 2021 16:42

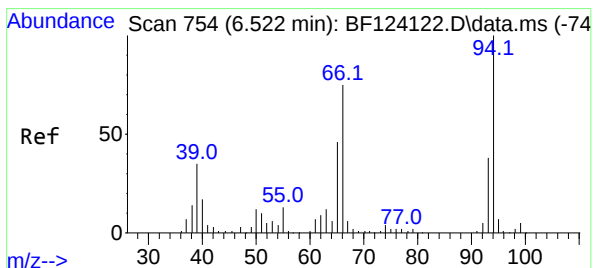
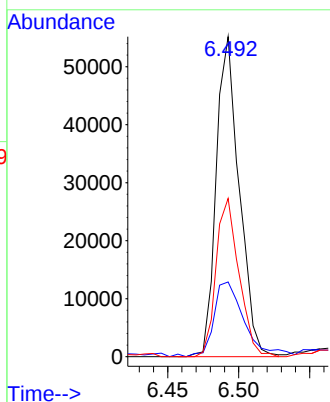
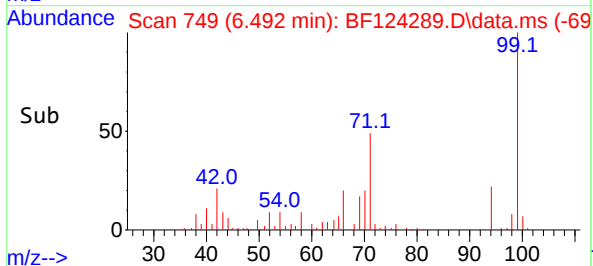
Instrument :
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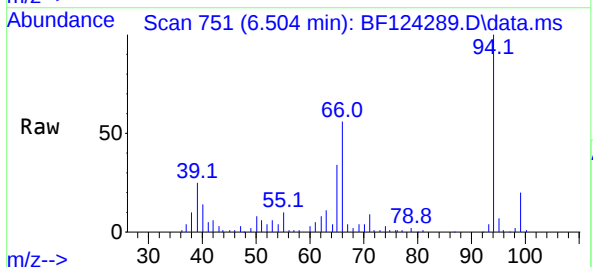
Tgt Ion: 99 Resp: 62115
Ion Ratio Lower Upper
99 100
42 23.4 19.8 29.8
71 49.5 31.1 46.7#

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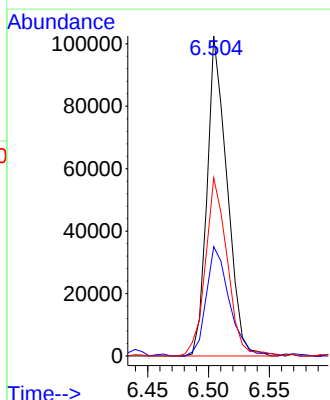
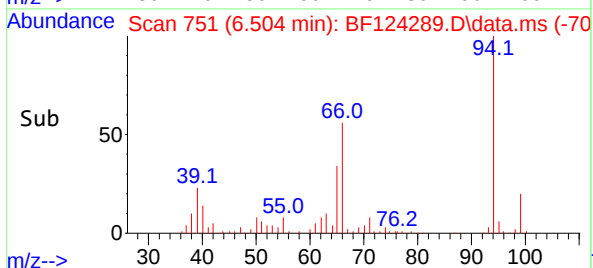
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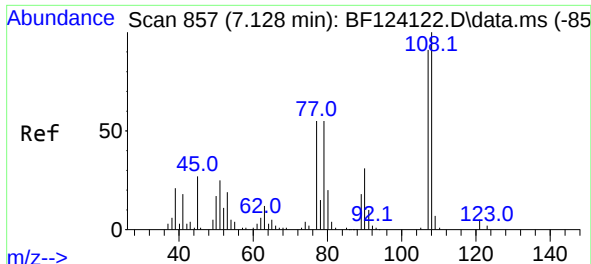


#10
Phenol
Concen: 31.735 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF124289.D
Acq: 12 Jun 2021 16:42



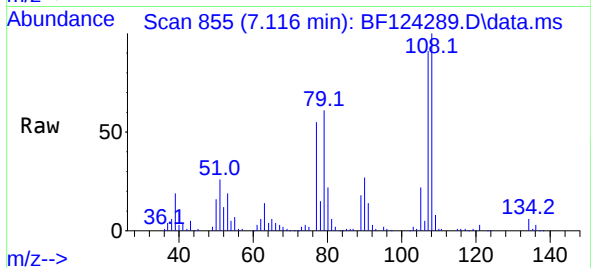
Tgt Ion: 94 Resp: 116695
Ion Ratio Lower Upper
94 100
65 34.2 18.1 58.1
66 55.7 29.0 69.0





#17
2-Methylphenol
Concen: 49.724 ng
RT: 7.116 min Scan# 855
Delta R.T. 0.000 min
Lab File: BF124289.D
Acq: 12 Jun 2021 16:42

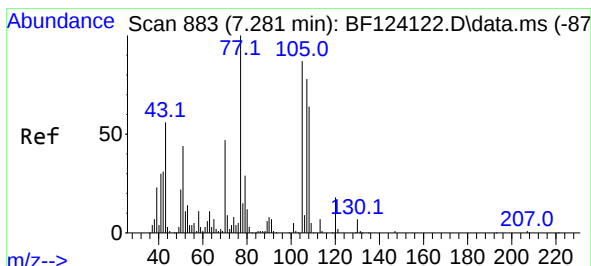
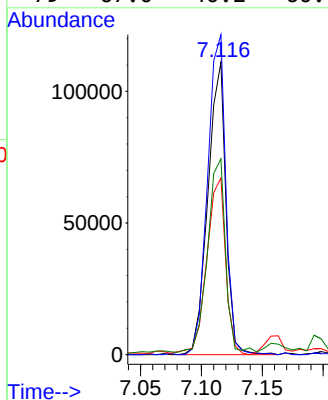
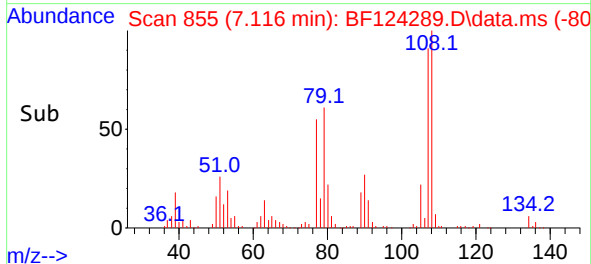
Instrument :
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ClientSampleId :
TMR-DS-04-060921



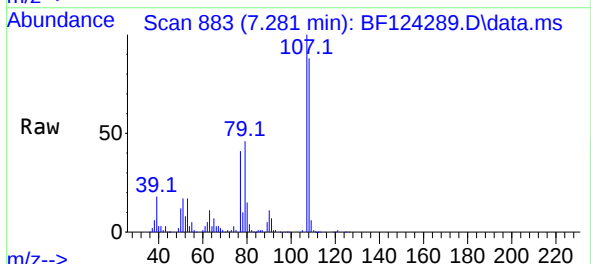
Tgt Ion	Ratio	Lower	Upper
107	100		
108	109.4	89.8	134.8
77	60.5	40.9	61.3
79	67.0	40.2	60.4#

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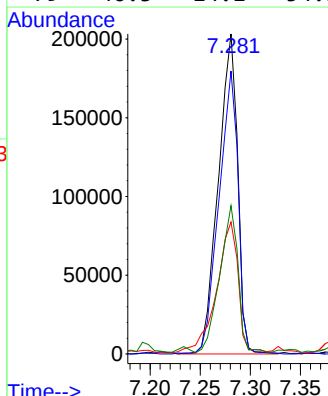
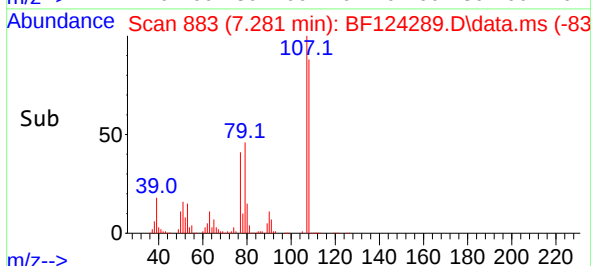
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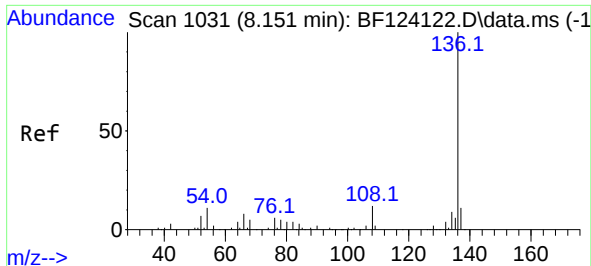


#20
3+4-Methylphenols
Concen: 89.430 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.012 min
Lab File: BF124289.D
Acq: 12 Jun 2021 16:42



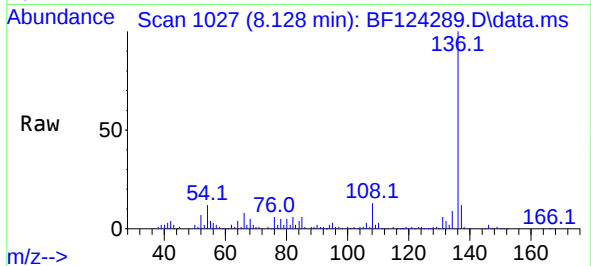
Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.4	71.5	111.5
77	41.2	82.0	122.0#
79	46.3	14.1	54.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF124289.D
Acq: 12 Jun 2021 16:42

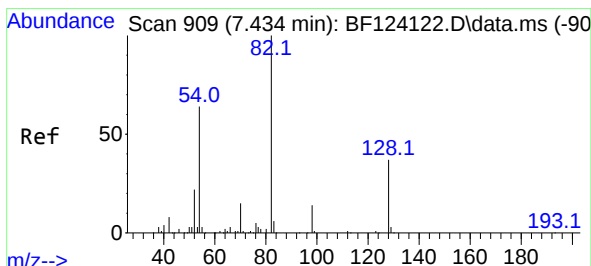
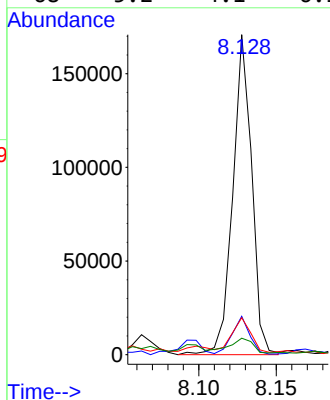
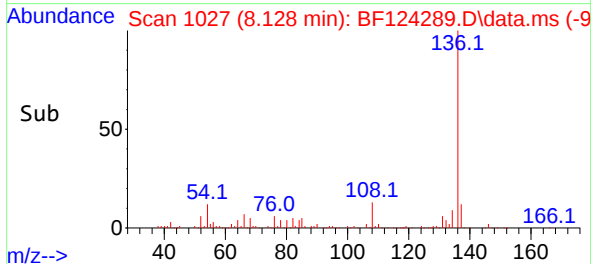
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ClientSampleId :
TMR-DS-04-060921



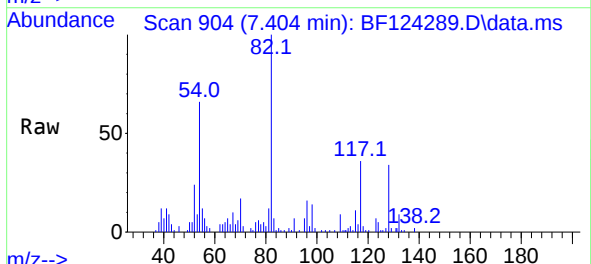
Tgt Ion:136 Resp: 144945
Ion Ratio Lower Upper
136 100
137 12.0 8.7 13.1
54 11.5 9.8 14.6
68 5.2 4.1 6.1

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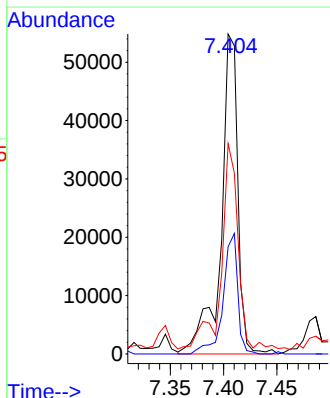
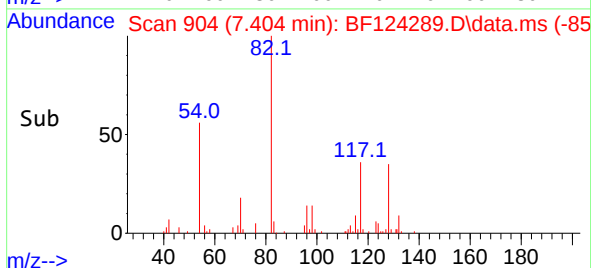
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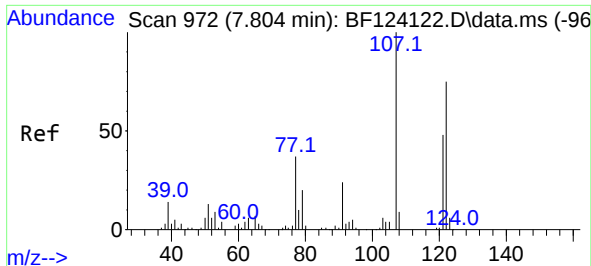


#23
Nitrobenzene-d5
Concen: 16.542 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.012 min
Lab File: BF124289.D
Acq: 12 Jun 2021 16:42



Tgt Ion: 82 Resp: 60453
Ion Ratio Lower Upper
82 100
128 33.5 29.4 44.2
54 65.7 54.1 81.1





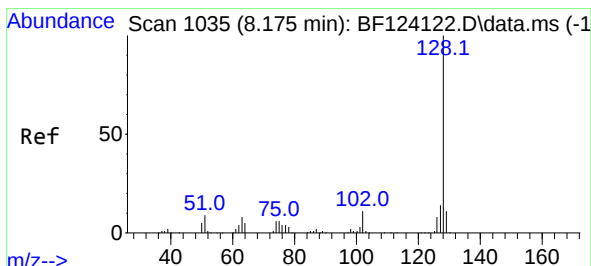
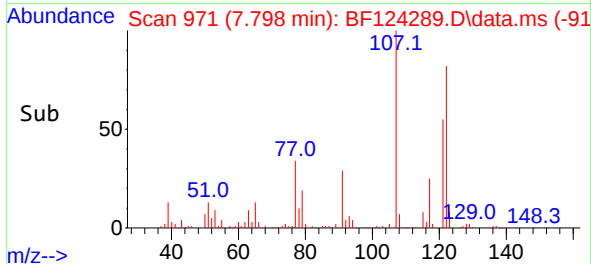
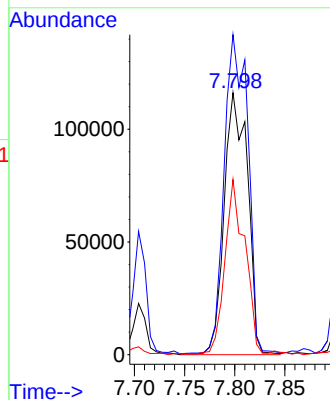
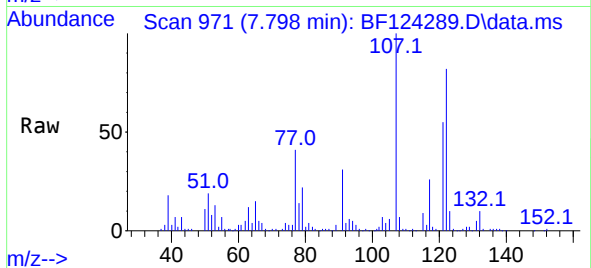
#27
2,4-Dimethylphenol
Concen: 81.702 ng
RT: 7.798 min Scan# 971
Delta R.T. 0.006 min
Lab File: BF124289.D
Acq: 12 Jun 2021 16:42

Tgt Ion:122 Resp: 188679
Ion Ratio Lower Upper
122 100
107 122.2 106.3 159.5
121 66.9 45.4 68.0

Instrument :
BNA_F
ClientSampleId :
TMR-DS-04-060921

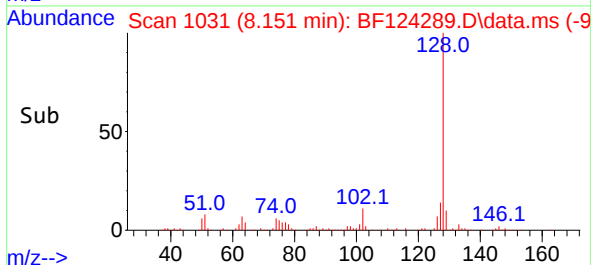
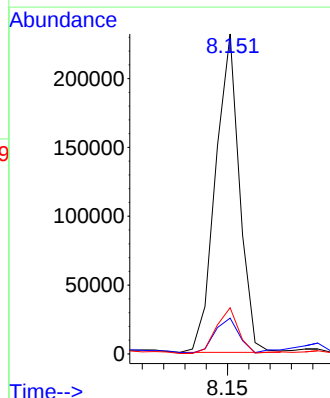
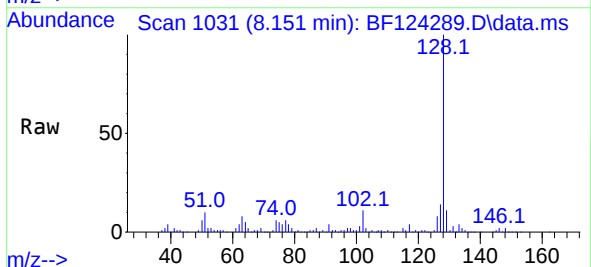
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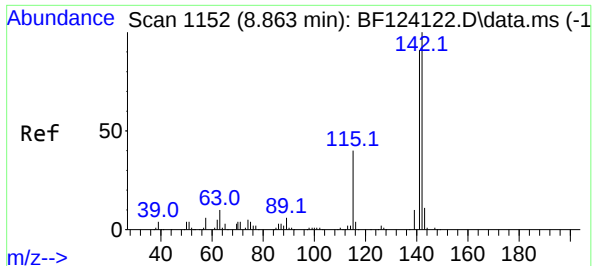
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#31
Naphthalene
Concen: 20.855 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF124289.D
Acq: 12 Jun 2021 16:42

Tgt Ion:128 Resp: 180728
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 14.5 10.8 16.2





#37

2-Methylnaphthalene

Concen: 35.516 ng

RT: 8.845 min Scan# 1149

Delta R.T. 0.000 min

Lab File: BF124289.D

Acq: 12 Jun 2021 16:42

Tgt Ion:142 Resp: 215831

Ion Ratio Lower Upper

142 100

141 91.2 71.8 107.6

Instrument :

BNA_F

ClientSampleId :

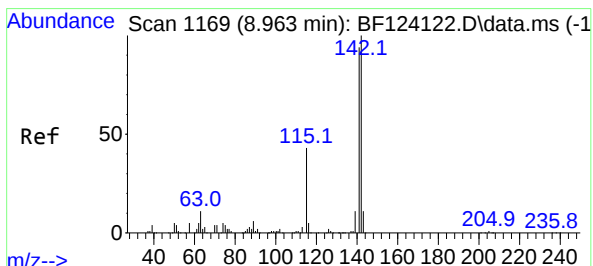
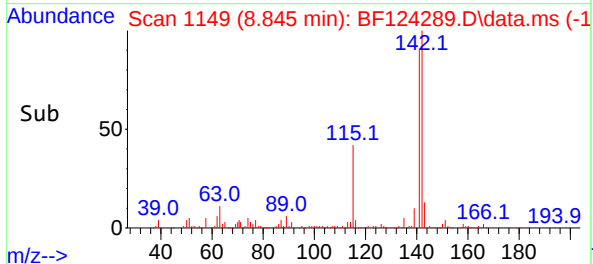
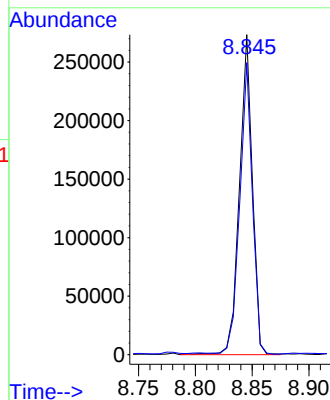
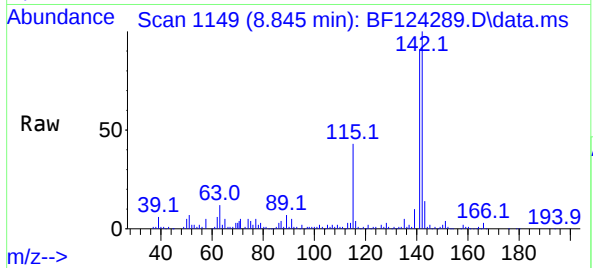
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#38

1-Methylnaphthalene

Concen: 22.165 ng

RT: 8.945 min Scan# 1166

Delta R.T. 0.000 min

Lab File: BF124289.D

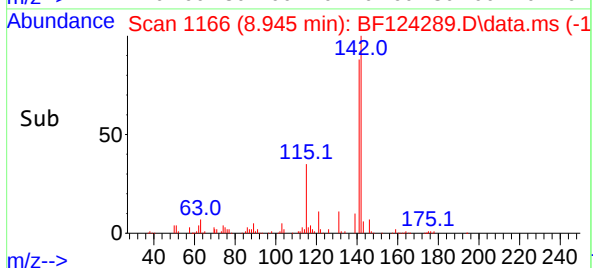
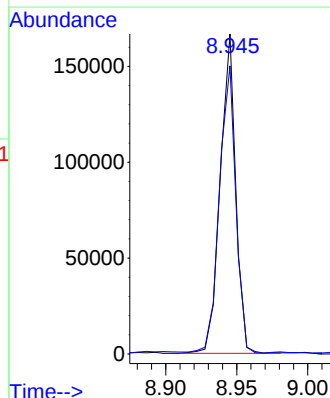
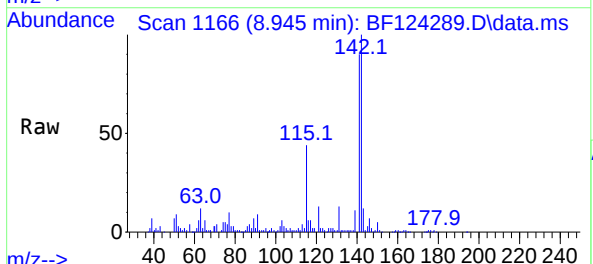
Acq: 12 Jun 2021 16:42

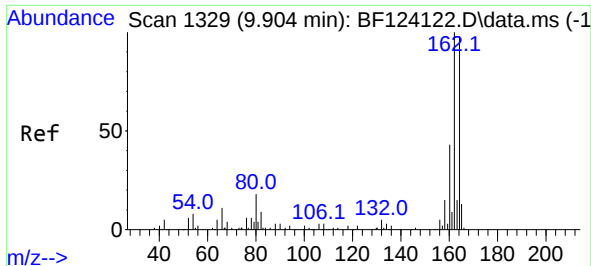
Tgt Ion:142 Resp: 125872

Ion Ratio Lower Upper

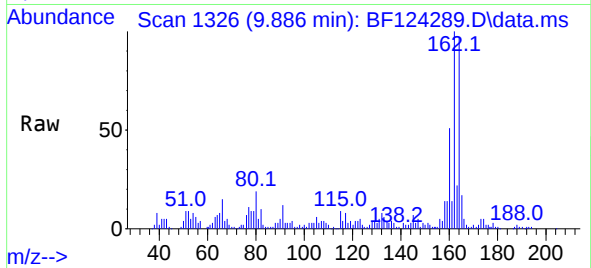
142 100

141 90.0 72.8 109.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF124289.D
Acq: 12 Jun 2021 16:42

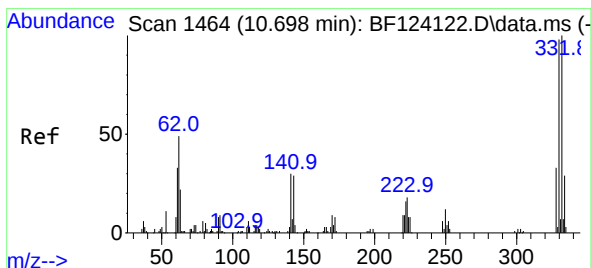
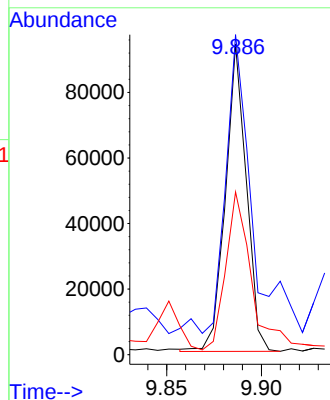


Tgt Ion:164 Resp: 71783
Ion Ratio Lower Upper
164 100
162 103.0 80.7 121.1
160 52.4 37.3 55.9

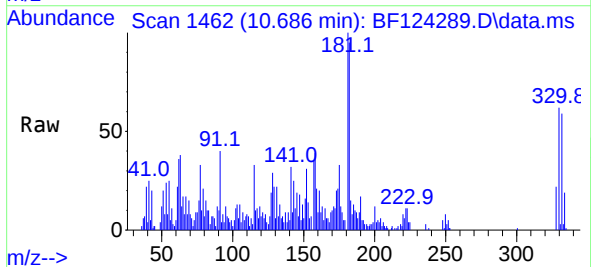
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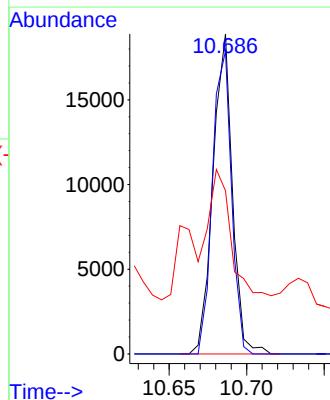
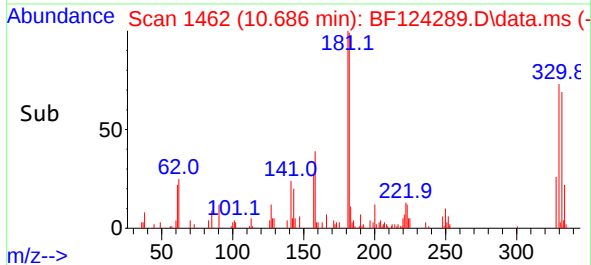
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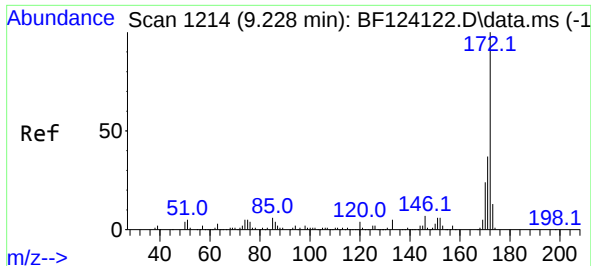


#42
2,4,6-Tribromophenol
Concen: 16.198 ng
RT: 10.686 min Scan# 1462
Delta R.T. 0.006 min
Lab File: BF124289.D
Acq: 12 Jun 2021 16:42



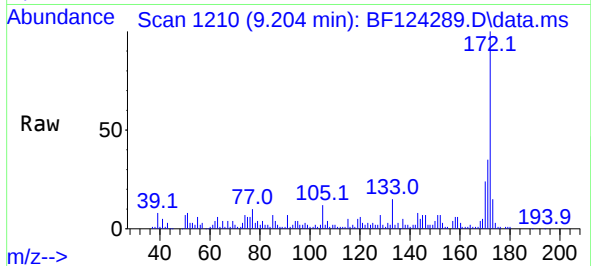
Tgt Ion:330 Resp: 16473
Ion Ratio Lower Upper
330 100
332 92.3 77.1 115.7
141 71.6 27.9 41.9#





#45
2-Fluorobiphenyl
Concen: 14.798 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BF124289.D
Acq: 12 Jun 2021 16:42

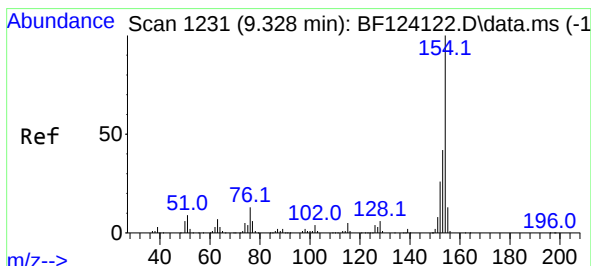
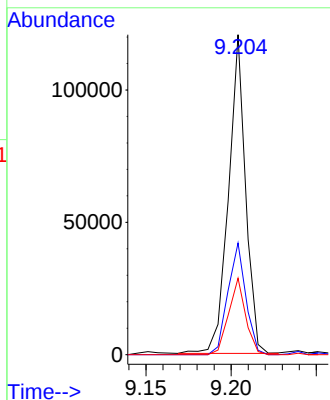
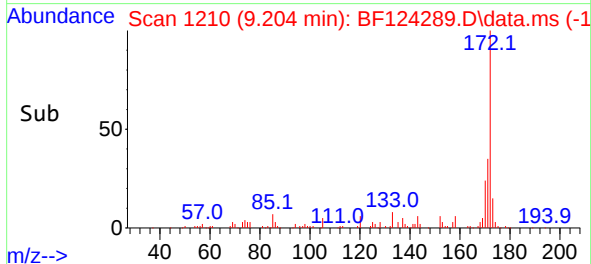
Instrument :
BNA_F
ClientSampleId :
TMR-DS-04-060921



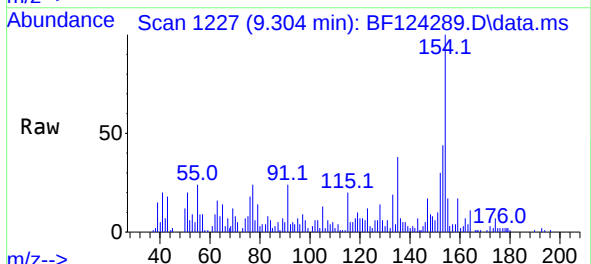
Tgt Ion:172 Resp: 84417
Ion Ratio Lower Upper
172 100
171 34.9 28.1 42.1
170 23.9 19.2 28.8

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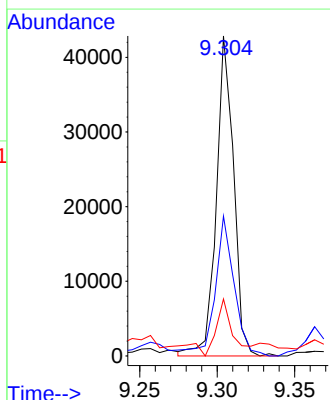
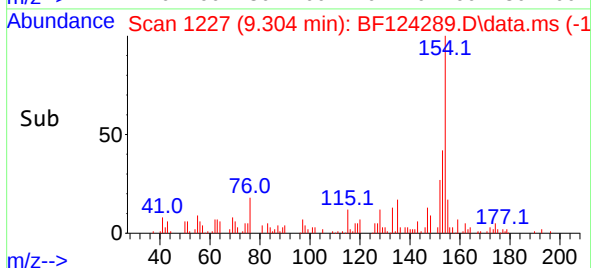
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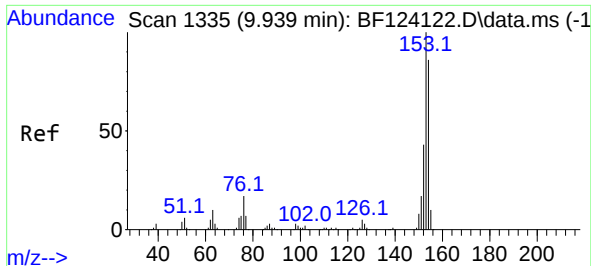


#46
1,1'-Biphenyl
Concen: 5.494 ng
RT: 9.304 min Scan# 1227
Delta R.T. -0.006 min
Lab File: BF124289.D
Acq: 12 Jun 2021 16:42



Tgt Ion:154 Resp: 33293
Ion Ratio Lower Upper
154 100
153 43.7 20.7 60.7
76 17.8 0.0 31.7





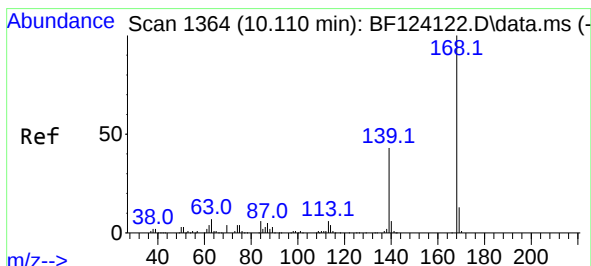
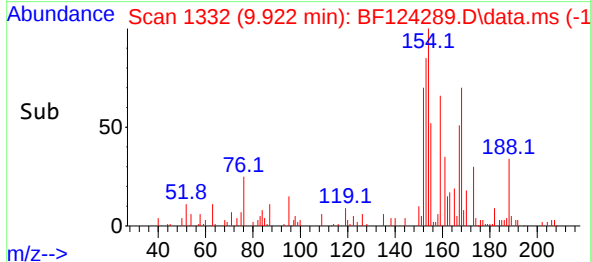
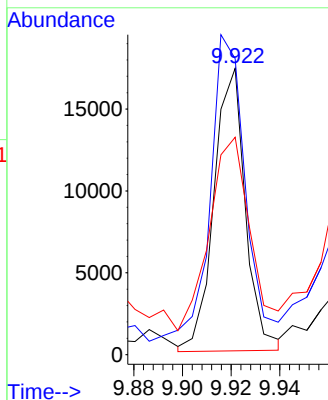
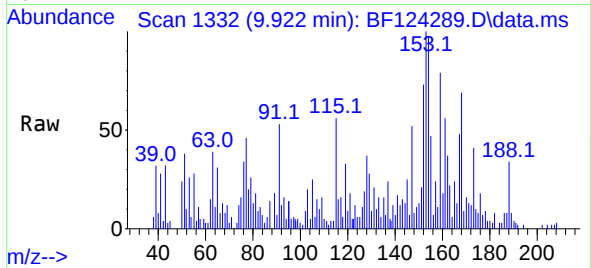
#52
Acenaphthene
Concen: 3.307 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF124289.D
Acq: 12 Jun 2021 16:42

Tgt Ion:154 Resp: 15484
Ion Ratio Lower Upper
154 100
153 103.4 88.1 132.1
152 75.9 43.4 65.0#

Instrument :
BNA_F
ClientSampleId :
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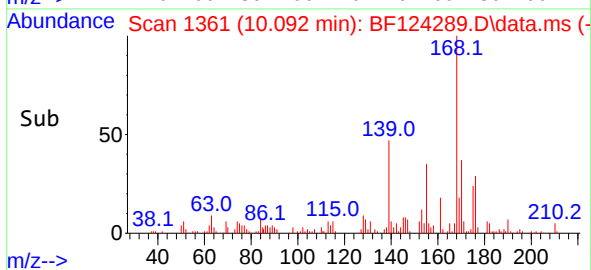
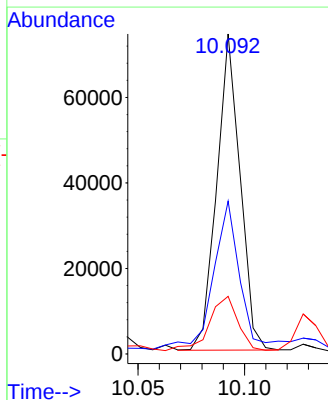
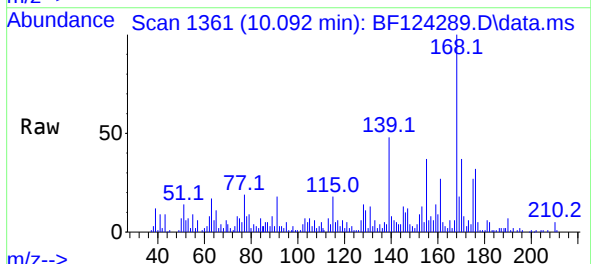
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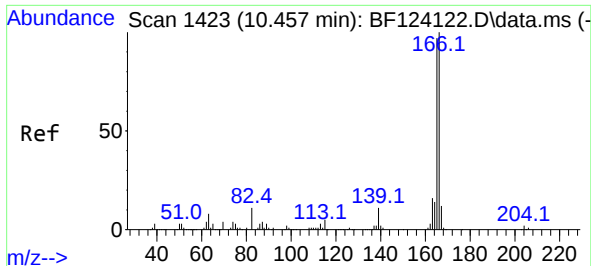
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#55
Dibenzofuran
Concen: 7.689 ng
RT: 10.092 min Scan# 1361
Delta R.T. -0.006 min
Lab File: BF124289.D
Acq: 12 Jun 2021 16:42

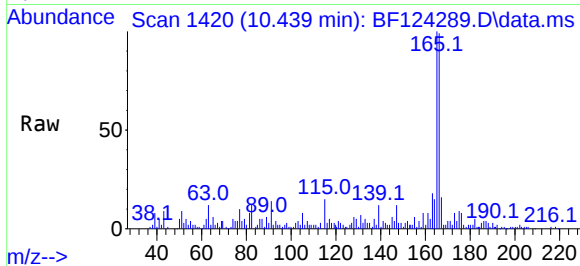
Tgt Ion:168 Resp: 56349
Ion Ratio Lower Upper
168 100
139 47.7 33.2 49.8
169 18.0 10.8 16.2#





#58
Fluorene
Concen: 12.378 ng
RT: 10.439 min Scan# 1420
Delta R.T. 0.000 min
Lab File: BF124289.D
Acq: 12 Jun 2021 16:42

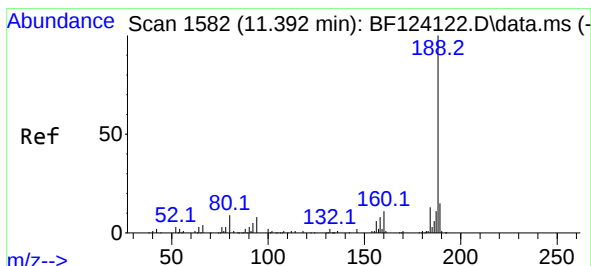
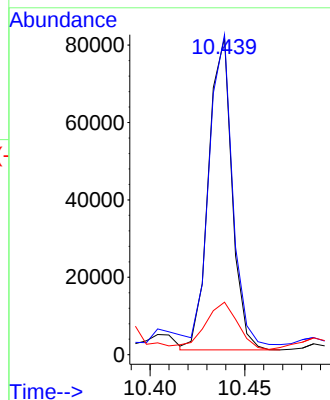
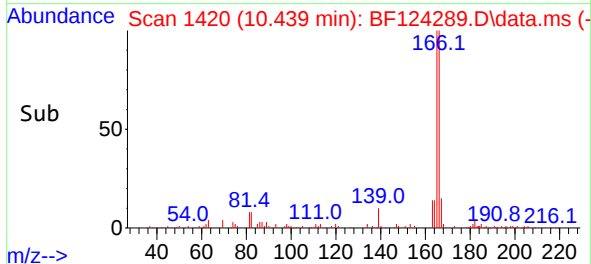
Instrument :
BNA_F
ClientSampleId :
TMR-DS-04-060921



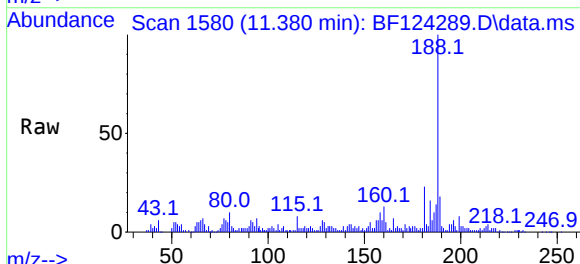
Tgt Ion:166 Resp: 69633
Ion Ratio Lower Upper
166 100
165 100.9 73.5 110.3
167 16.6 10.7 16.1#

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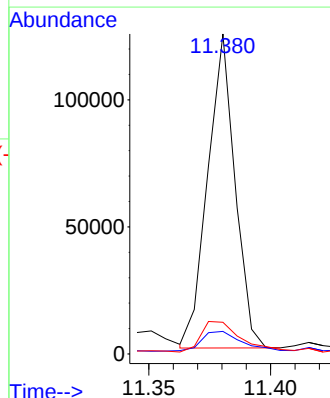
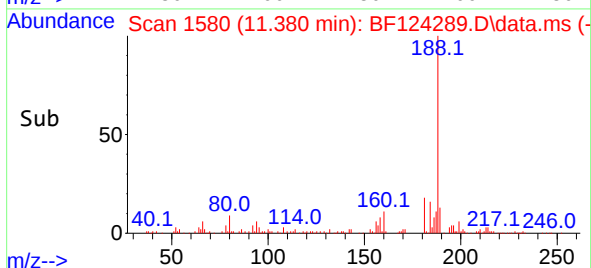
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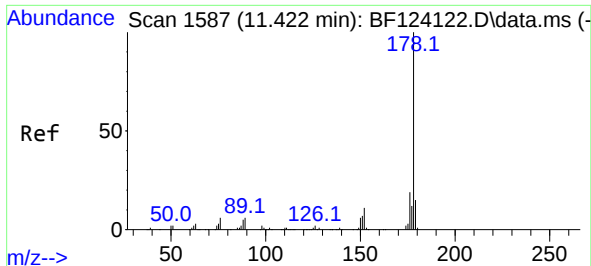


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1580
Delta R.T. 0.006 min
Lab File: BF124289.D
Acq: 12 Jun 2021 16:42

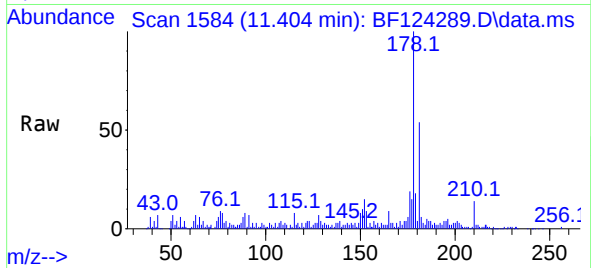


Tgt Ion:188 Resp: 96410
Ion Ratio Lower Upper
188 100
94 7.0 6.9 10.3
80 9.9 8.2 12.2

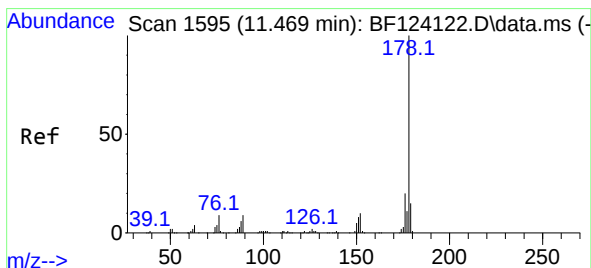
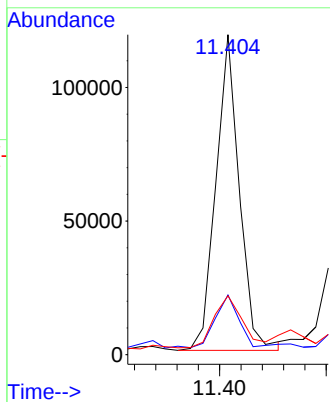
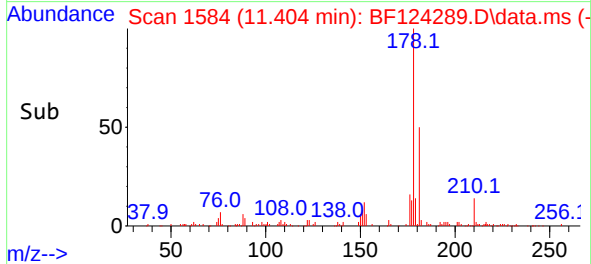




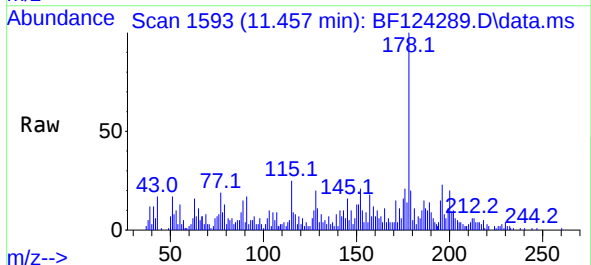
#71
Phenanthrene
Concen: 14.984 ng
RT: 11.404 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BF124289.D
Acq: 12 Jun 2021 16:42



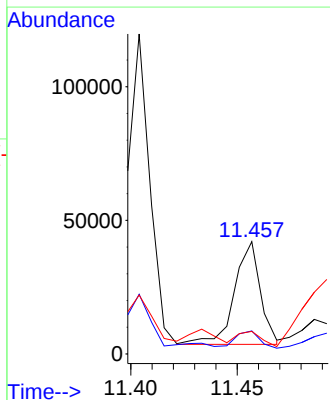
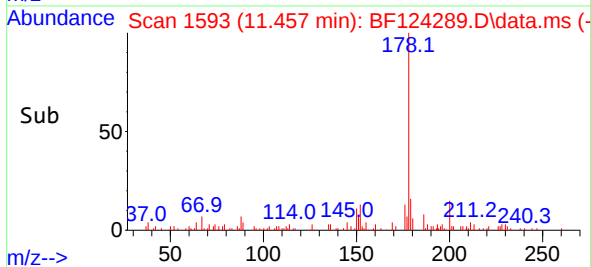
Tgt Ion:178 Resp: 90243
Ion Ratio Lower Upper
178 100
176 18.7 15.6 23.4
179 18.4 12.5 18.7



#72
Anthracene
Concen: 5.400 ng m
RT: 11.457 min Scan# 1593
Delta R.T. 0.000 min
Lab File: BF124289.D
Acq: 12 Jun 2021 16:42



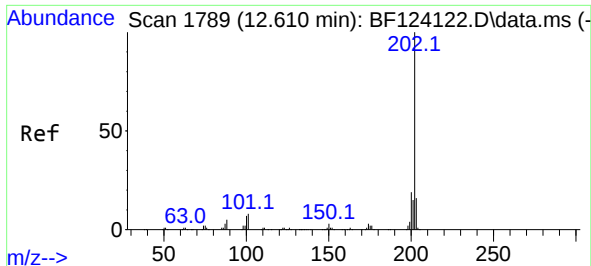
Tgt Ion:178 Resp: 32755
Ion Ratio Lower Upper
178 100
176 20.6 15.4 23.0
179 20.1 12.6 18.8#



Instrument :
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ClientSampleId :
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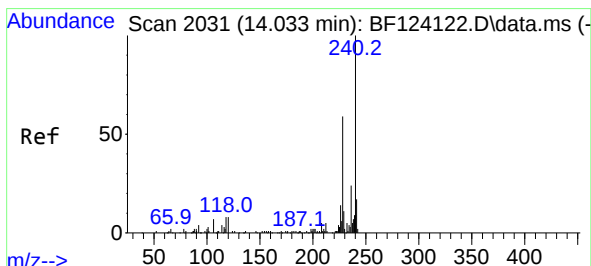
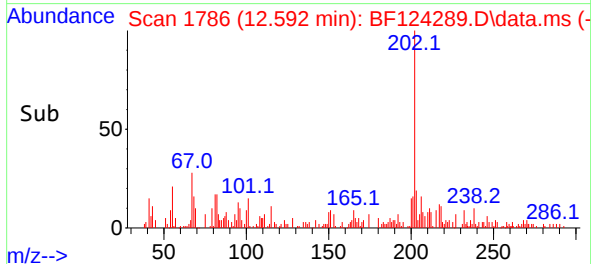
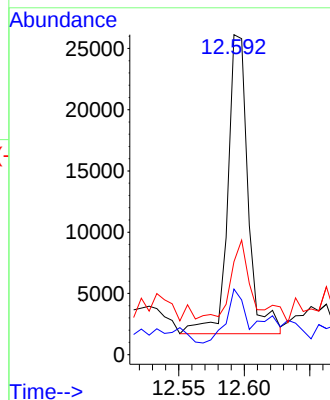
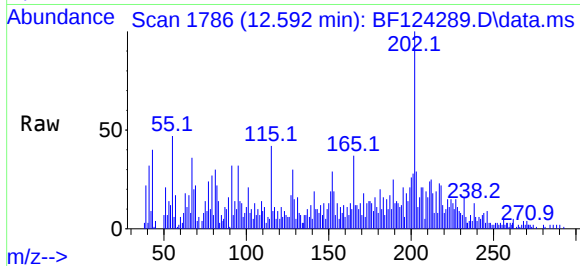
#75
Fluoranthene
Concen: 4.166 ng
RT: 12.592 min Scan# 1786
Delta R.T. 0.000 min
Lab File: BF124289.D
Acq: 12 Jun 2021 16:42

Tgt Ion:	202	Resp:	26338
Ion Ratio	Lower	Upper	
202	100		
101	20.5	0.0	30.9
203	29.0	0.0	37.5

Instrument :
BNA_F
ClientSampleId :
TMR-DS-04-060921

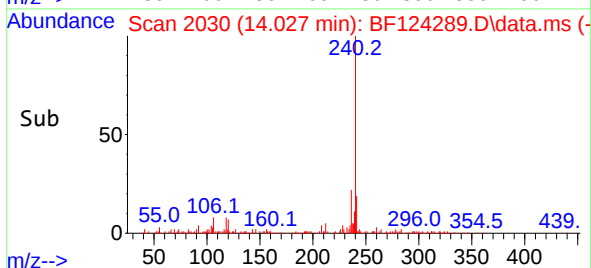
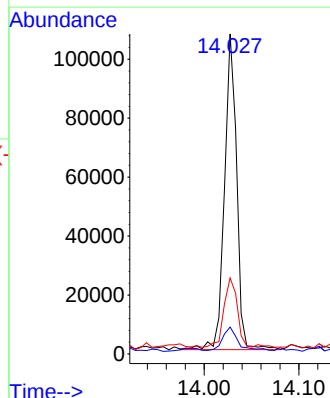
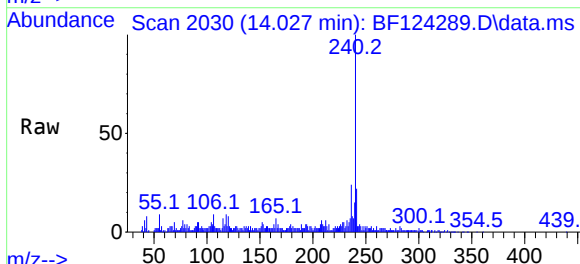
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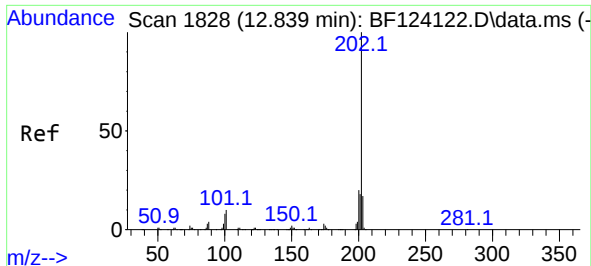
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. 0.006 min
Lab File: BF124289.D
Acq: 12 Jun 2021 16:42

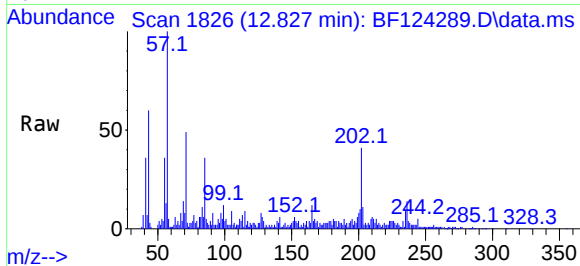
Tgt Ion:	240	Resp:	96016
Ion Ratio	Lower	Upper	
240	100		
120	8.4	7.2	10.8
236	23.8	19.0	28.4





#78
Pyrene
Concen: 4.742 ng
RT: 12.827 min Scan# 1826
Delta R.T. 0.006 min
Lab File: BF124289.D
Acq: 12 Jun 2021 16:42

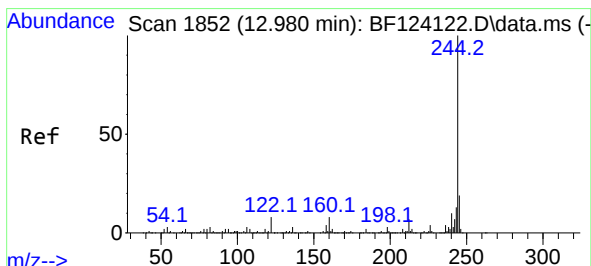
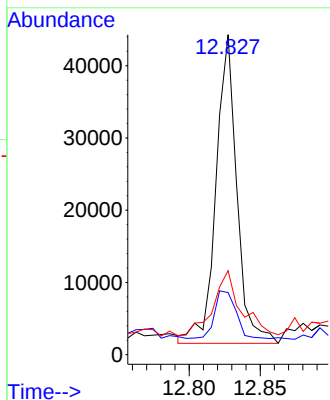
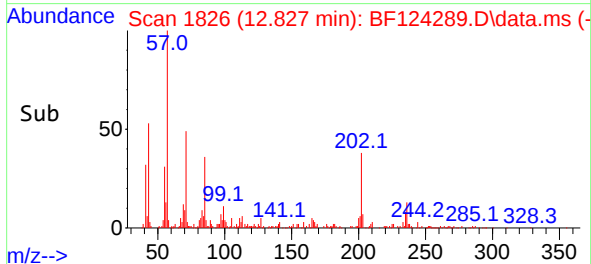
Instrument :
BNA_F
ClientSampleId :
TMR-DS-04-060921



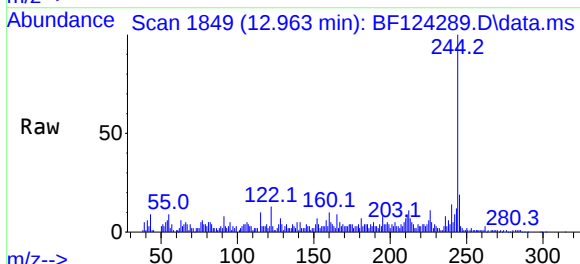
Tgt Ion:202 Resp: 43722
Ion Ratio Lower Upper
202 100
200 19.4 16.1 24.1
203 26.3 14.8 22.2#

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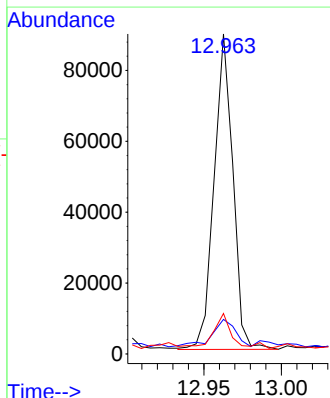
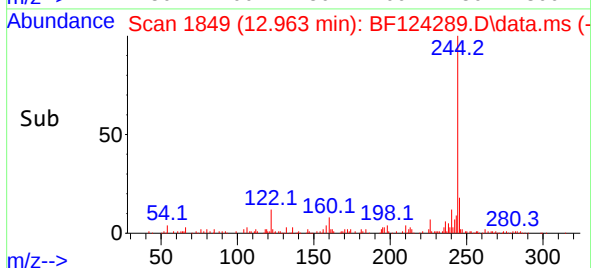
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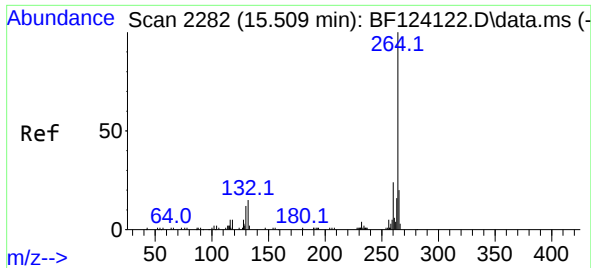


#79
Terphenyl-d14
Concen: 10.734 ng
RT: 12.963 min Scan# 1849
Delta R.T. 0.000 min
Lab File: BF124289.D
Acq: 12 Jun 2021 16:42



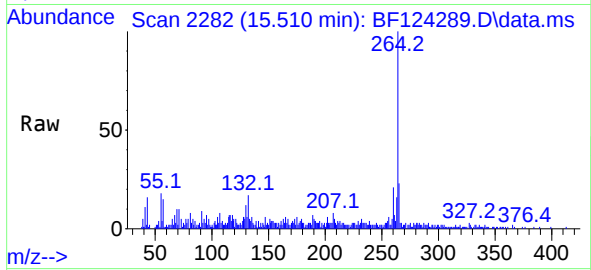
Tgt Ion:244 Resp: 75068
Ion Ratio Lower Upper
244 100
212 10.8 5.7 8.5#
122 12.6 9.7 14.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.510 min Scan# 2282
Delta R.T. 0.018 min
Lab File: BF124289.D
Acq: 12 Jun 2021 16:42

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:264 Resp: 53670

Ion	Ratio	Lower	Upper
264	100		
260	20.7	18.7	28.1
265	23.0	17.8	26.8

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