

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101321\
 Data File : BM032503.D
 Acq On : 13 Oct 2021 19:29
 Operator : CG/JU
 Sample : M4142-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 2087

Manual Integrations
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mohammad
 10/14/2021 10:56:52 AM

Quant Time: Oct 14 02:32:07 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM100221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 13 12:02:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.601	152	209077	20.00	ng	0.00
21) Naphthalene-d8	10.389	136	797487	20.00	ng	# 0.00
39) Acenaphthene-d10	14.254	164	474714	20.00	ng	# 0.00
64) Phenanthrene-d10	16.977	188	842123	20.00	ng	# 0.00
76) Chrysene-d12	21.148	240	806770	20.00	ng	0.00
86) Perylene-d12	23.289	264	854312	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.184	112	1053596	84.91	ng	0.00
7) Phenol-d6	6.801	99	872679	51.43	ng	0.00
23) Nitrobenzene-d5	8.760	82	1434383	100.04	ng	0.00
42) 2,4,6-Tribromophenol	15.742	330	712347	134.04	ng	0.00
45) 2-Fluorobiphenyl	12.872	172	2944813	92.23	ng	0.00
79) Terphenyl-d14	19.595	244	3471352	90.62	ng	0.00
Target Compounds						
10) Phenol	6.825	94	46283	2.83	ng	Qvalue 85
17) 2-Methylphenol	8.072	107	53372	4.83	ng	# 90
20) 3+4-Methylphenols	8.395	107	98995	6.65	ng	94
22) Acetophenone	8.419	105	80573	4.19	ng	# 91
27) 2,4-Dimethylphenol	9.595	122	23652m	2.18	ng	
32) Benzoic acid	9.789	122	355464m	43.81	ng	

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

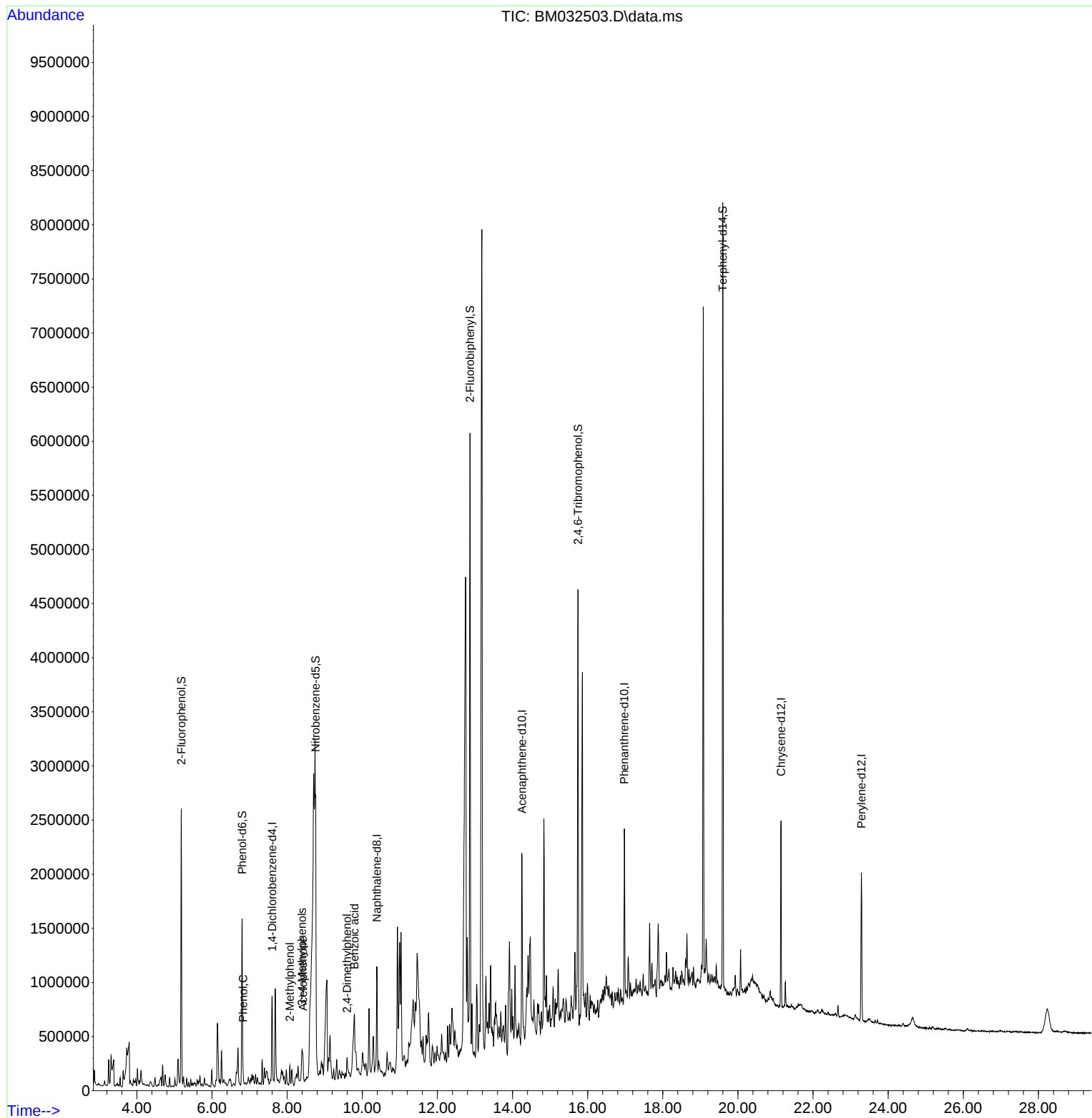
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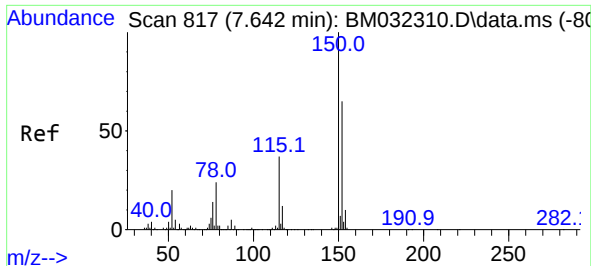
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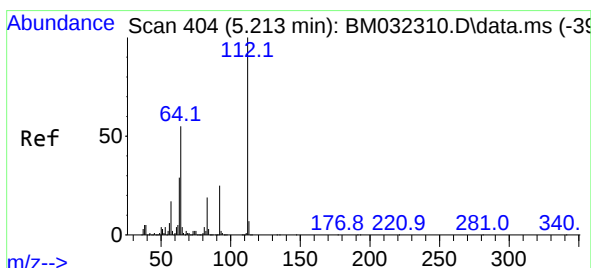
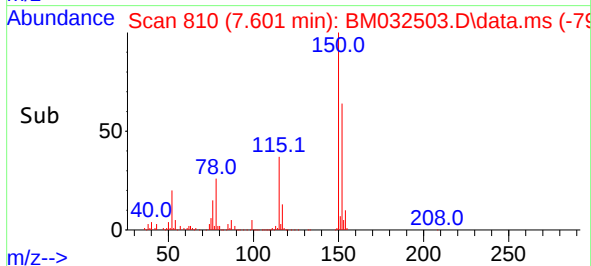
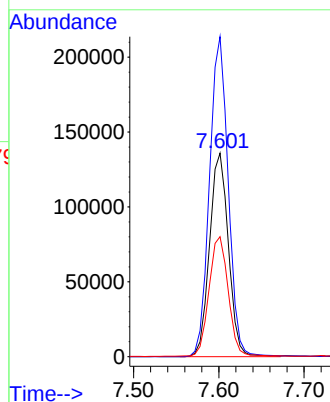
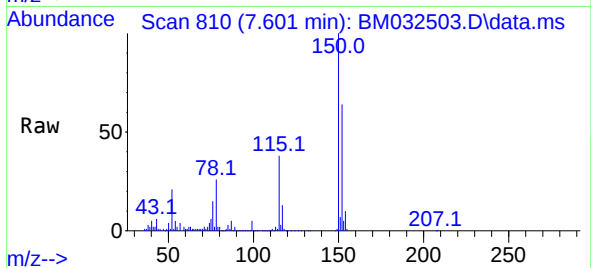
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.601 min Scan# 810
Delta R.T. -0.006 min
Lab File: BM032503.D
Acq: 13 Oct 2021 19:29

Tgt Ion:152 Resp: 209077
Ion Ratio Lower Upper
152 100
150 157.2 122.4 183.6
115 59.0 53.8 80.8

Instrument :
BNA_M
ClientSampleId :
2087

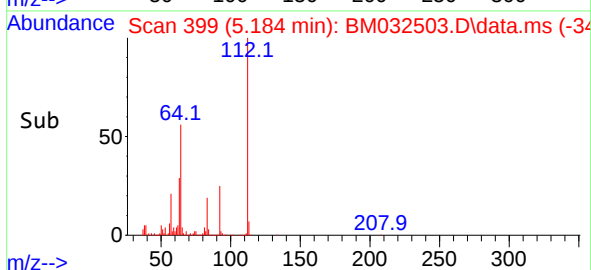
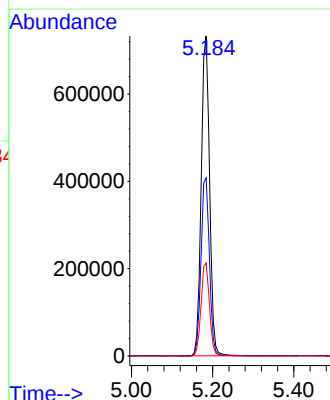
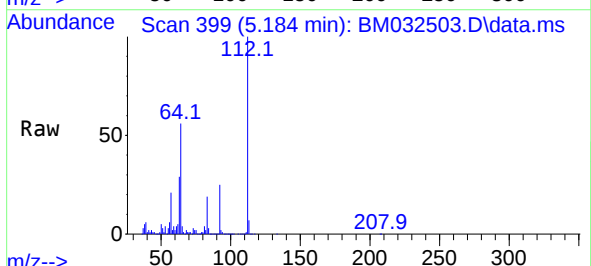
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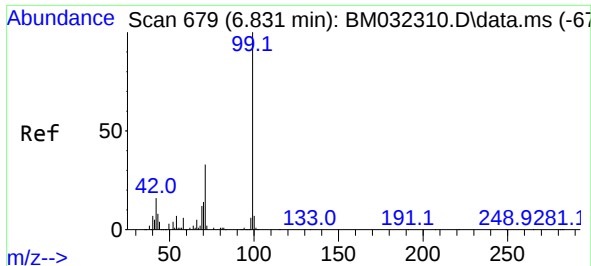
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#5
2-Fluorophenol
Concen: 84.91 ng
RT: 5.184 min Scan# 399
Delta R.T. 0.006 min
Lab File: BM032503.D
Acq: 13 Oct 2021 19:29

Tgt Ion:112 Resp: 1053596
Ion Ratio Lower Upper
112 100
64 55.7 53.7 80.5
63 29.1 33.9 50.9#





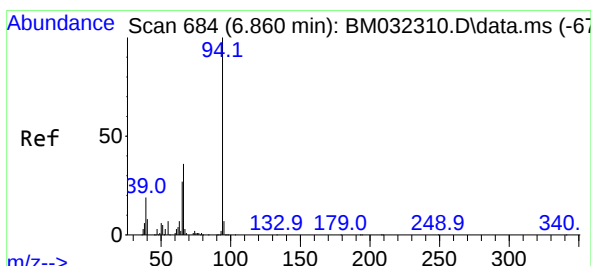
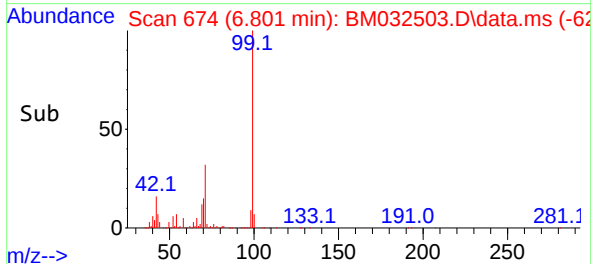
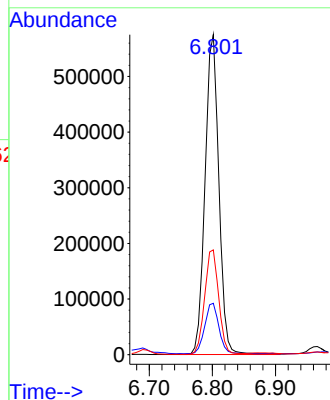
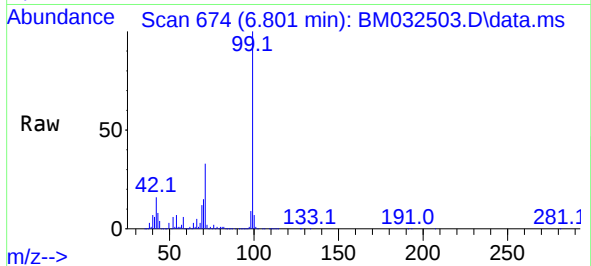
#7
Phenol-d6
Concen: 51.43 ng
RT: 6.801 min Scan# 674
Delta R.T. 0.000 min
Lab File: BM032503.D
Acq: 13 Oct 2021 19:29

Tgt Ion: 99 Resp: 872679
Ion Ratio Lower Upper
99 100
42 16.0 23.0 34.6#
71 32.8 37.8 56.8#

Instrument :
BNA_M
ClientSampleId :
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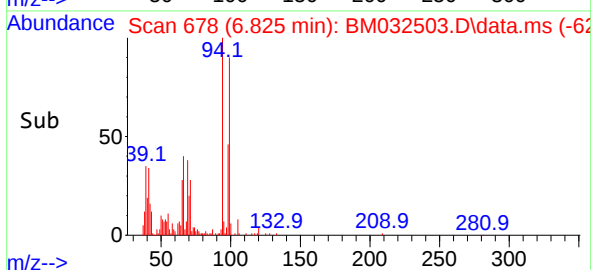
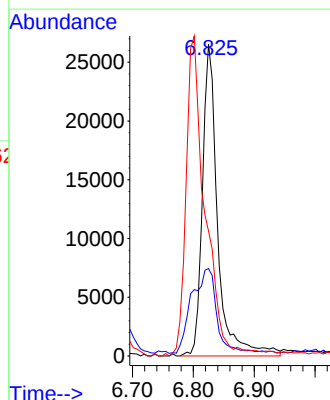
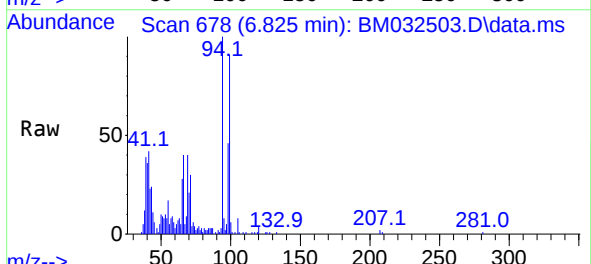
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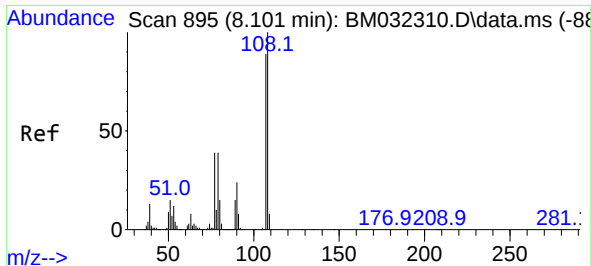
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#10
Phenol
Concen: 2.83 ng
RT: 6.825 min Scan# 678
Delta R.T. 0.000 min
Lab File: BM032503.D
Acq: 13 Oct 2021 19:29

Tgt Ion: 94 Resp: 46283
Ion Ratio Lower Upper
94 100
65 28.0 16.9 56.9
66 40.1 30.0 70.0





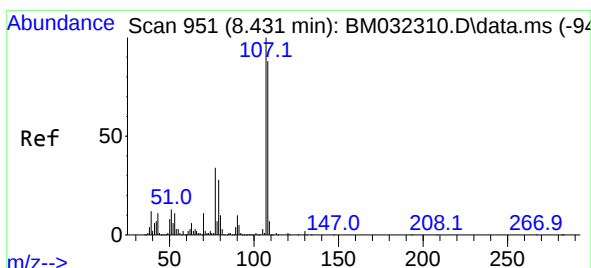
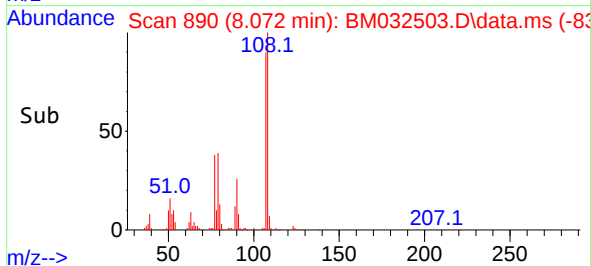
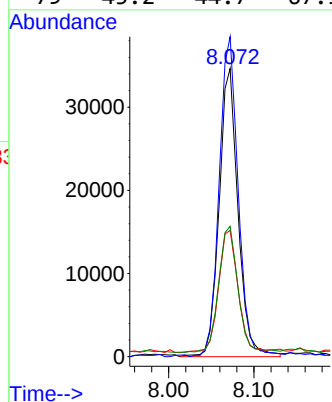
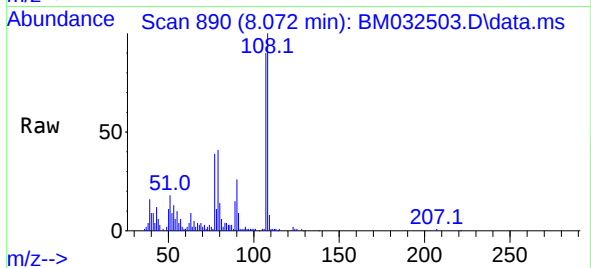
#17
2-Methylphenol
Concen: 4.83 ng
RT: 8.072 min Scan# 890
Delta R.T. 0.000 min
Lab File: BM032503.D
Acq: 13 Oct 2021 19:29

Tgt Ion:	107	Resp:	53372
Ion	Ratio	Lower	Upper
107	100		
108	111.1	87.9	131.9
77	43.8	48.2	72.2#
79	45.2	44.7	67.1

Instrument :
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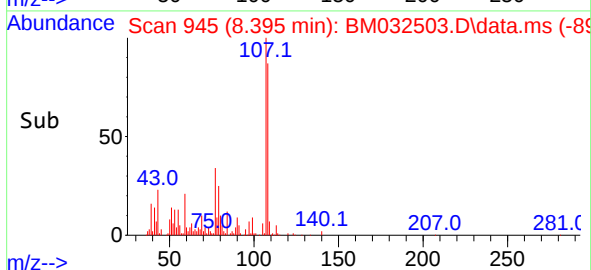
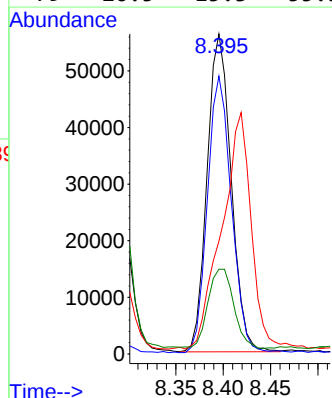
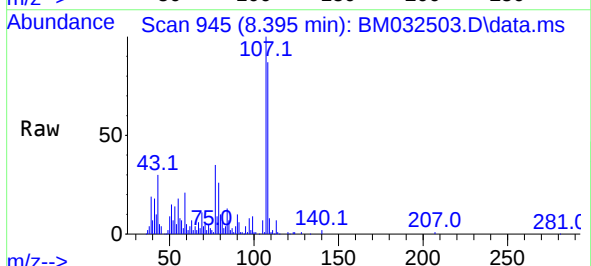
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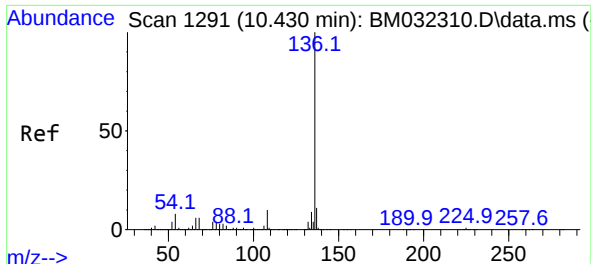
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#20
3+4-Methylphenols
Concen: 6.65 ng
RT: 8.395 min Scan# 945
Delta R.T. -0.006 min
Lab File: BM032503.D
Acq: 13 Oct 2021 19:29

Tgt Ion:	107	Resp:	98995
Ion	Ratio	Lower	Upper
107	100		
108	86.8	67.6	107.6
77	35.2	21.9	61.9
79	26.5	15.3	55.3





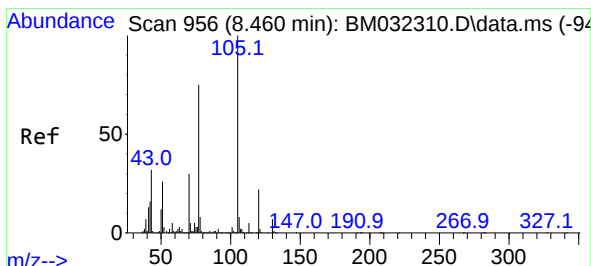
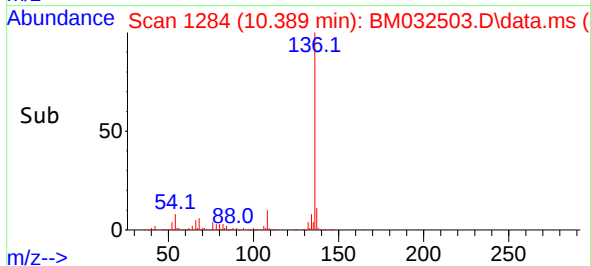
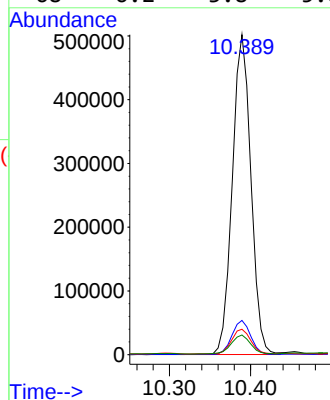
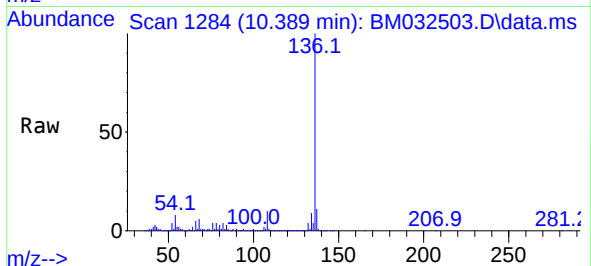
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.389 min Scan# 1284
Delta R.T. -0.006 min
Lab File: BM032503.D
Acq: 13 Oct 2021 19:29

Tgt Ion:	136	Resp:	797487
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.7	13.1
54	7.9	7.4	11.0
68	6.2	3.8	5.8#

Instrument :
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ClientSampled :
2087

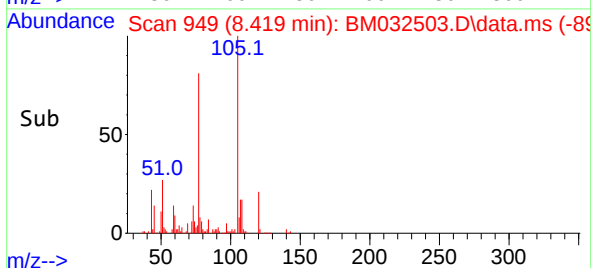
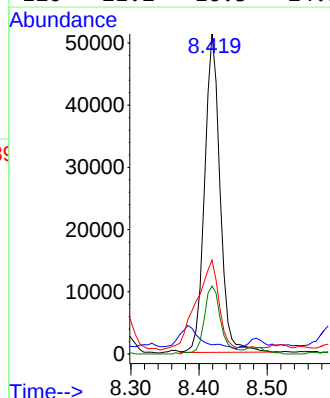
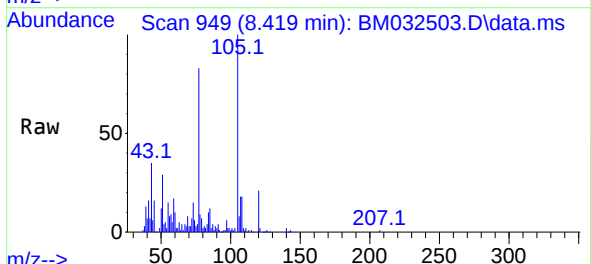
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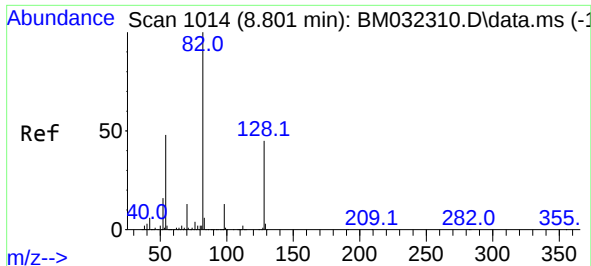
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#22
Acetophenone
Concen: 4.19 ng
RT: 8.419 min Scan# 949
Delta R.T. -0.006 min
Lab File: BM032503.D
Acq: 13 Oct 2021 19:29

Tgt Ion:	105	Resp:	80573
Ion Ratio	Lower	Upper	
105	100		
71	2.9	3.8	5.6#
51	29.3	29.5	44.3#
120	21.2	16.3	24.5





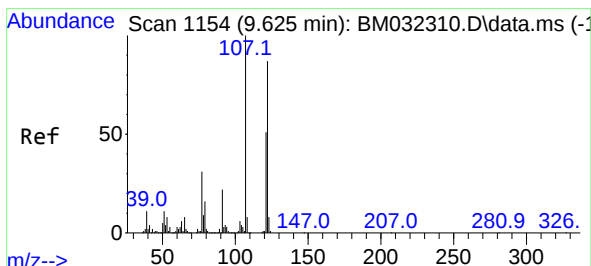
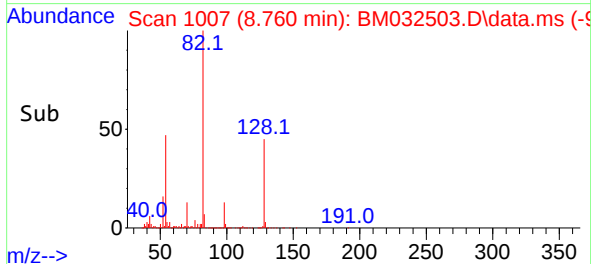
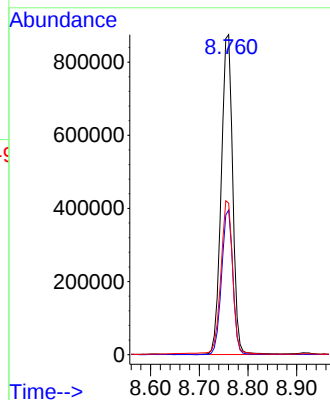
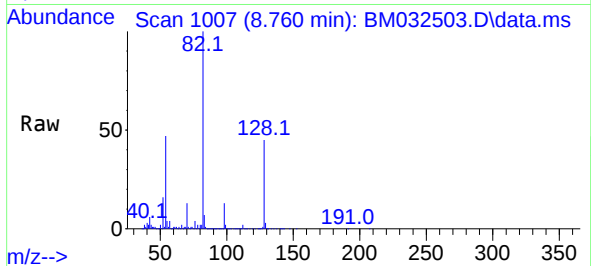
#23
Nitrobenzene-d5
Concen: 100.04 ng
RT: 8.760 min Scan# 1007
Delta R.T. 0.000 min
Lab File: BM032503.D
Acq: 13 Oct 2021 19:29

Tgt Ion: 82 Resp: 1434383
Ion Ratio Lower Upper
82 100
128 45.2 29.0 43.6#
54 47.3 45.8 68.8

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2087

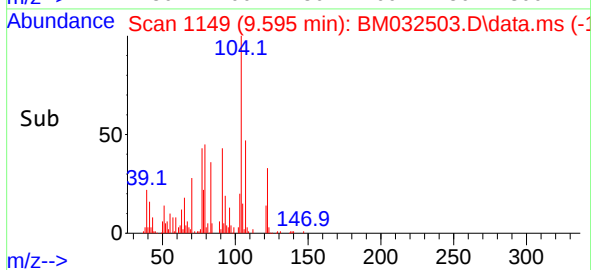
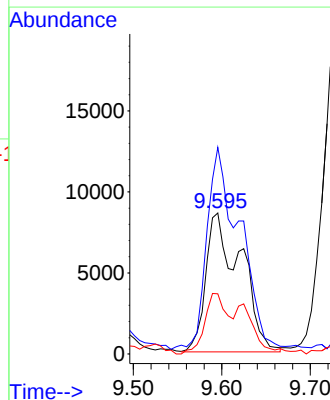
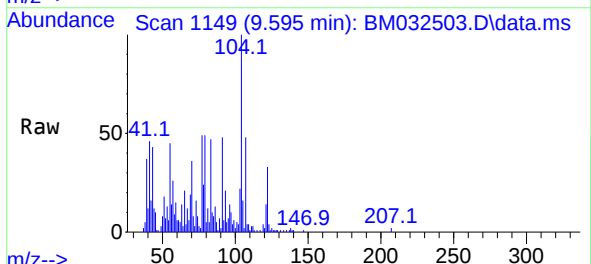
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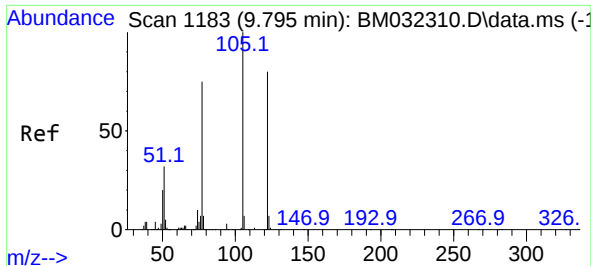
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#27
2,4-Dimethylphenol
Concen: 2.18 ng m
RT: 9.595 min Scan# 1149
Delta R.T. 0.006 min
Lab File: BM032503.D
Acq: 13 Oct 2021 19:29

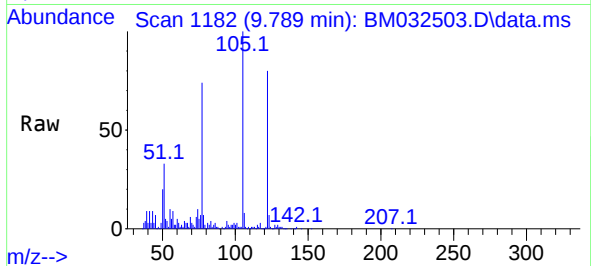
Tgt Ion:122 Resp: 23652
Ion Ratio Lower Upper
122 100
107 146.5 100.6 150.8
121 42.7 47.3 70.9#





#32
Benzoic acid
Concen: 43.81 ng m
RT: 9.789 min Scan# 1182
Delta R.T. 0.029 min
Lab File: BM032503.D
Acq: 13 Oct 2021 19:29

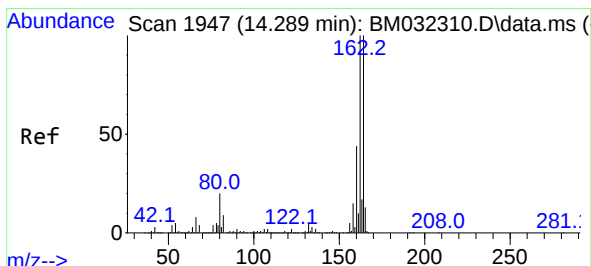
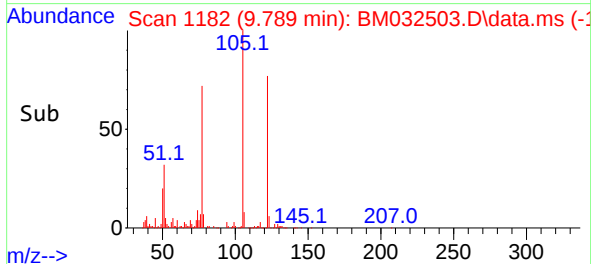
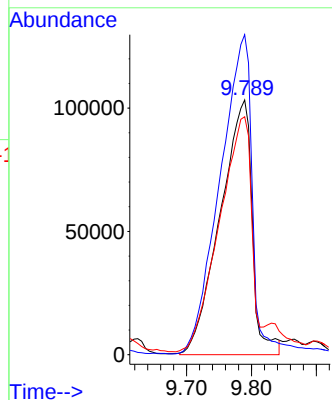
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BNA_M
ClientSampled :
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Tgt Ion:122 Resp: 355464
Ion Ratio Lower Upper
122 100
105 125.6 120.3 160.3
77 93.4 100.0 140.0#

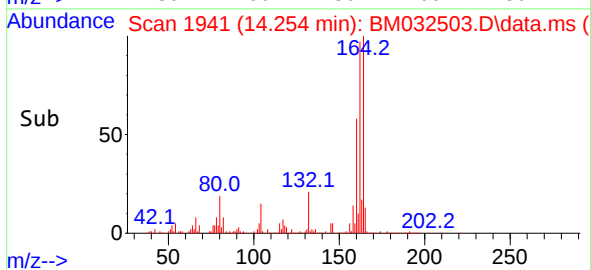
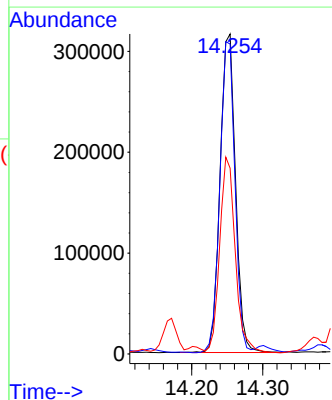
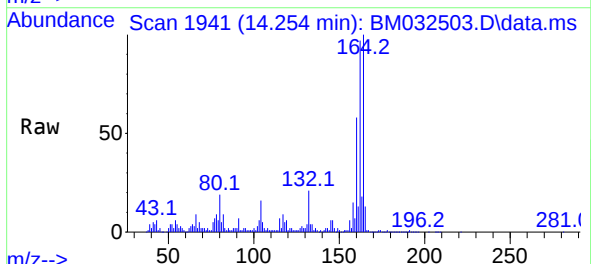
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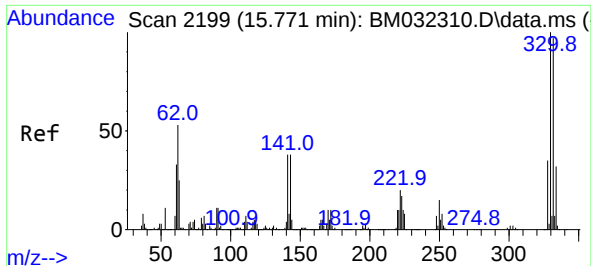
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.254 min Scan# 1941
Delta R.T. 0.000 min
Lab File: BM032503.D
Acq: 13 Oct 2021 19:29

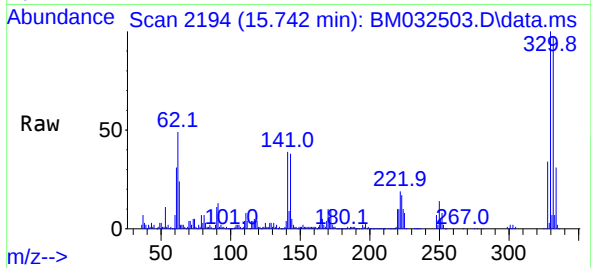
Tgt Ion:164 Resp: 474714
Ion Ratio Lower Upper
164 100
162 96.8 80.6 121.0
160 58.0 35.1 52.7#





#42
2,4,6-Tribromophenol
Concen: 134.04 ng
RT: 15.742 min Scan# 2194
Delta R.T. 0.000 min
Lab File: BM032503.D
Acq: 13 Oct 2021 19:29

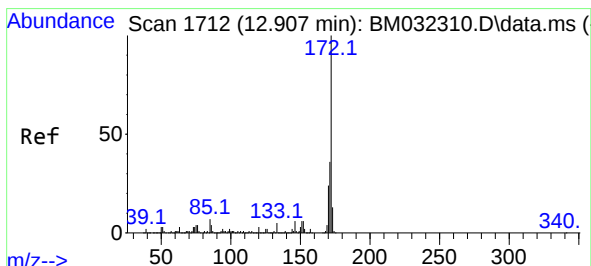
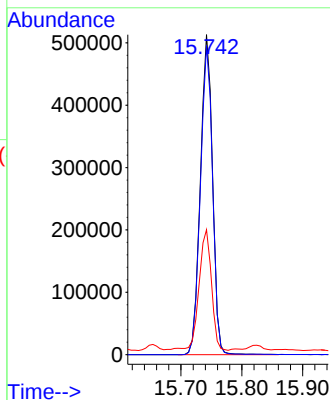
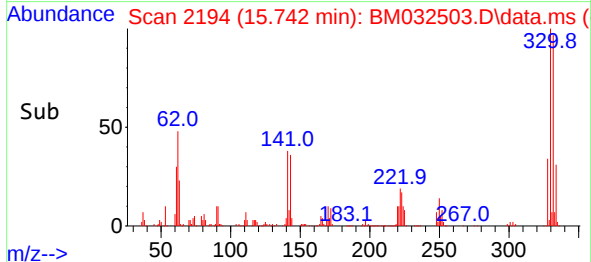
Instrument :
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2087



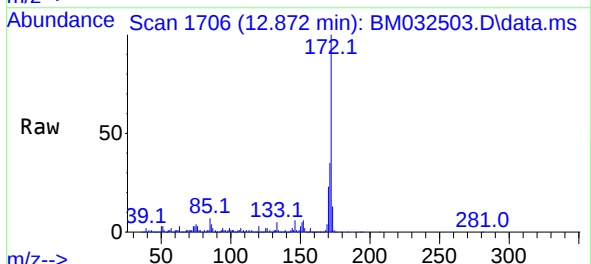
Tgt Ion:330 Resp: 712347
Ion Ratio Lower Upper
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332 96.3 75.7 113.5
141 38.7 50.7 76.1#

Manual Integrations
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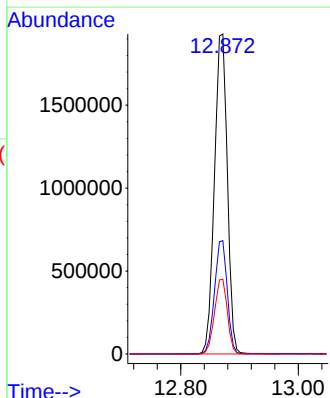
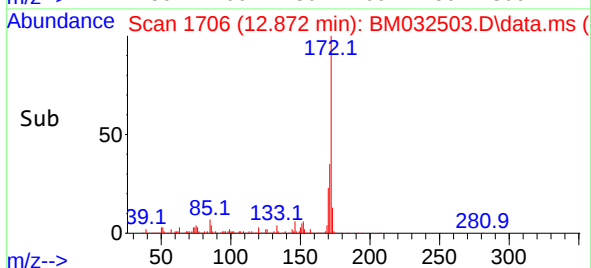
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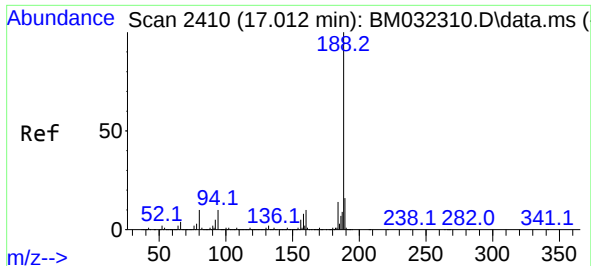


#45
2-Fluorobiphenyl
Concen: 92.23 ng
RT: 12.872 min Scan# 1706
Delta R.T. 0.000 min
Lab File: BM032503.D
Acq: 13 Oct 2021 19:29



Tgt Ion:172 Resp: 2944813
Ion Ratio Lower Upper
172 100
171 35.4 28.1 42.1
170 23.4 18.6 27.8





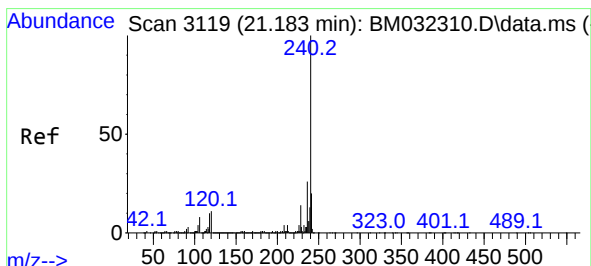
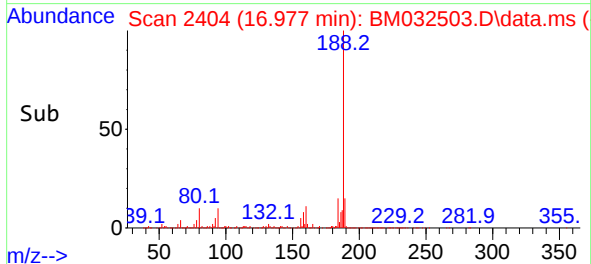
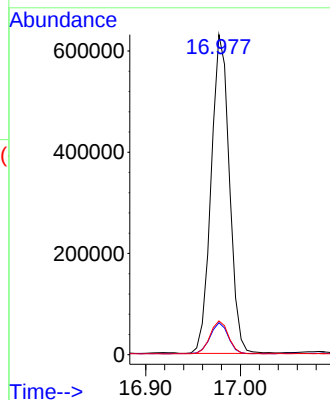
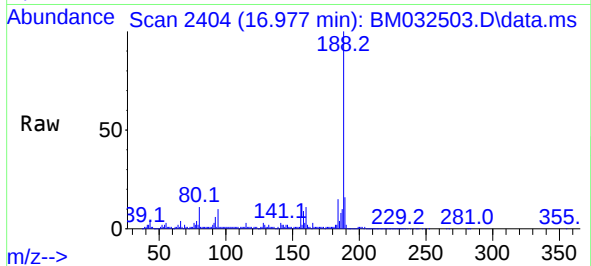
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.977 min Scan# 2404
Delta R.T. -0.006 min
Lab File: BM032503.D
Acq: 13 Oct 2021 19:29

Tgt Ion:188 Resp: 842123
Ion Ratio Lower Upper
188 100
94 10.0 6.3 9.5#
80 10.5 7.3 10.9

Instrument :
BNA_M
ClientSampled :
2087

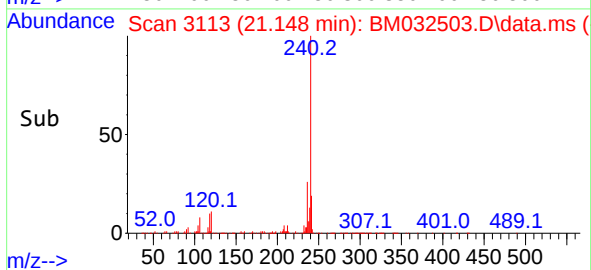
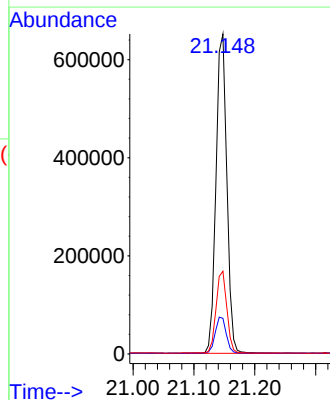
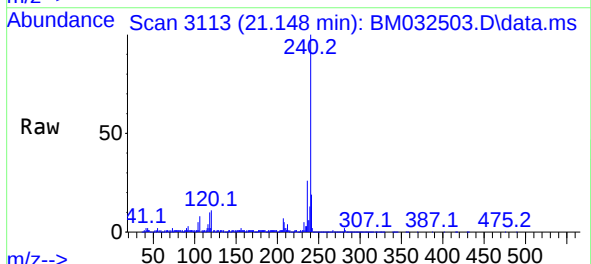
Manual Integrations
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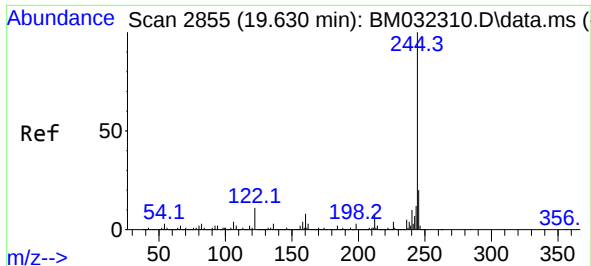
mohammad
10/14/2021 10:56:52 AM



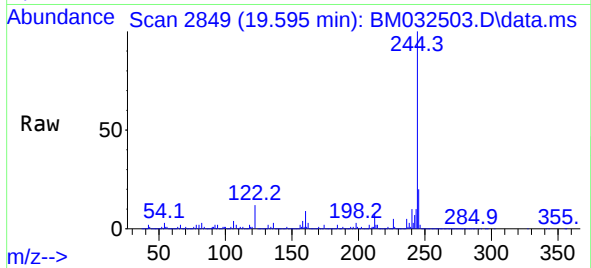
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.148 min Scan# 3113
Delta R.T. 0.000 min
Lab File: BM032503.D
Acq: 13 Oct 2021 19:29

Tgt Ion:240 Resp: 806770
Ion Ratio Lower Upper
240 100
120 11.1 7.8 11.6
236 25.8 20.9 31.3

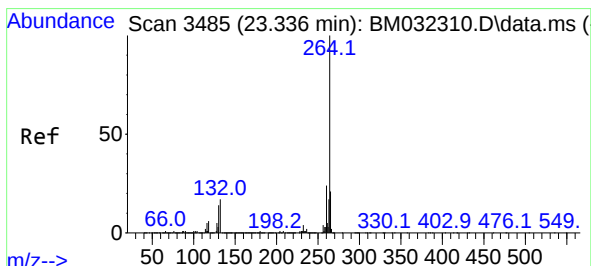
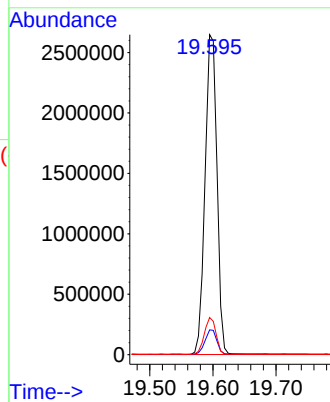
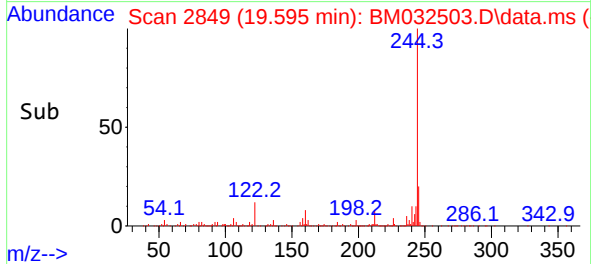




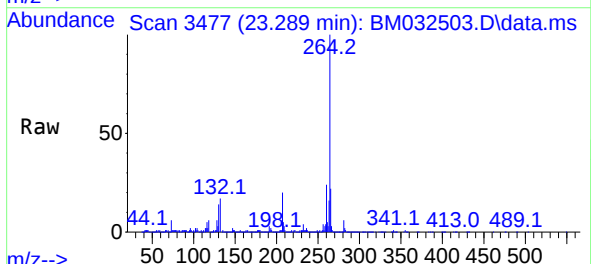
#79
Terphenyl-d14
Concen: 90.62 ng
RT: 19.595 min Scan# 2849
Delta R.T. -0.006 min
Lab File: BM032503.D
Acq: 13 Oct 2021 19:29



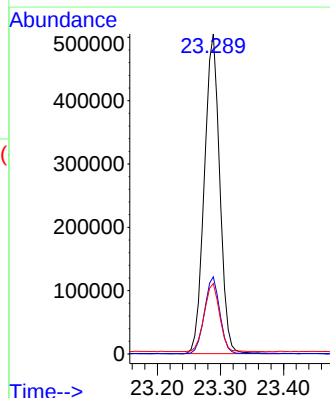
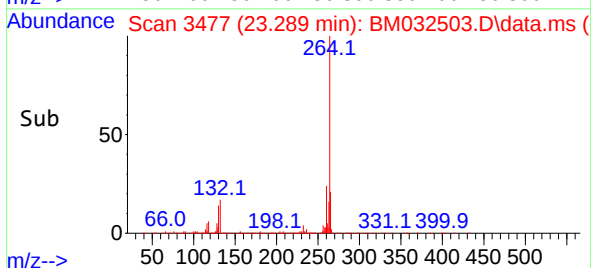
Tgt Ion:244 Resp: 3471352
Ion Ratio Lower Upper
244 100
212 7.8 6.5 9.7
122 11.6 8.7 13.1



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.289 min Scan# 3477
Delta R.T. 0.000 min
Lab File: BM032503.D
Acq: 13 Oct 2021 19:29



Tgt Ion:264 Resp: 854312
Ion Ratio Lower Upper
264 100
260 24.1 19.3 28.9
265 22.0 18.3 27.5



Instrument :
BNA_M
ClientSampled :
2087

Manual Integrations
APPROVED

mohammad
10/14/2021 10:56:52 AM