

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101321\
 Data File : BM032496.D
 Acq On : 13 Oct 2021 15:14
 Operator : CG/JU
 Sample : M4156-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 20-20211008-WC

Quant Time: Oct 13 16:42:07 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)

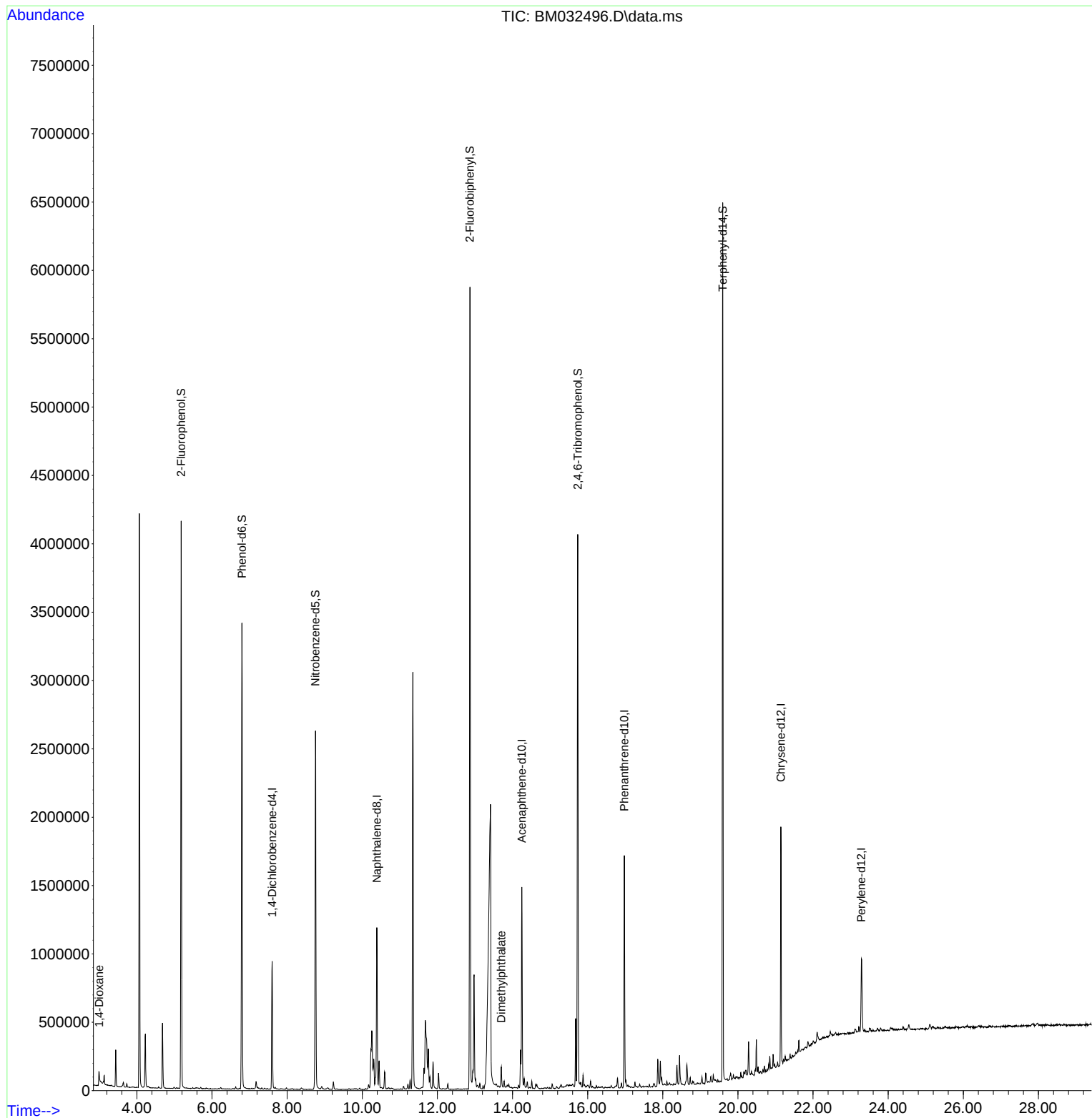
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.601	152	247680	20.00	ng	0.00
21) Naphthalene-d8	10.389	136	936655	20.00	ng	# 0.00
39) Acenaphthene-d10	14.248	164	463902	20.00	ng	0.00
64) Phenanthrene-d10	16.977	188	943374	20.00	ng	# 0.00
76) Chrysene-d12	21.142	240	771378	20.00	ng	0.00
86) Perylene-d12	23.283	264	110623	20.00	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.178	112	1711963	116.46	ng	0.00
7) Phenol-d6	6.795	99	1817214	90.40	ng	0.00
23) Nitrobenzene-d5	8.754	82	1484008	88.12	ng	0.00
42) 2,4,6-Tribromophenol	15.736	330	686910	132.27	ng	0.00
45) 2-Fluorobiphenyl	12.866	172	3014247	96.61	ng	0.00
79) Terphenyl-d14	19.595	244	2847559	77.74	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.996	88	140227	22.42	ng	# 90
50) Dimethylphthalate	13.701	163	91016	2.78	ng	99

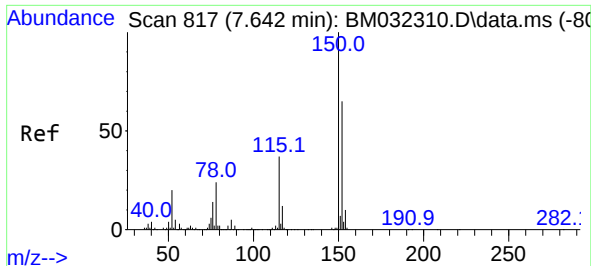
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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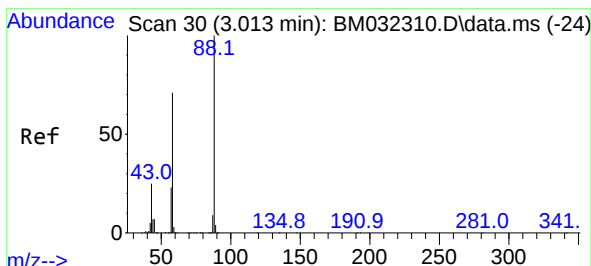
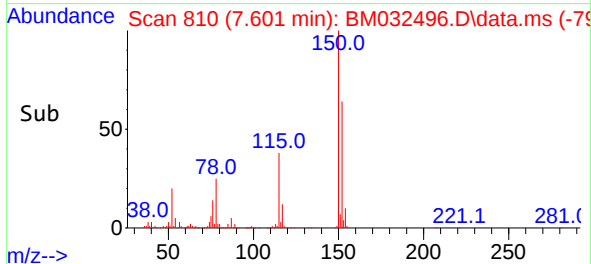
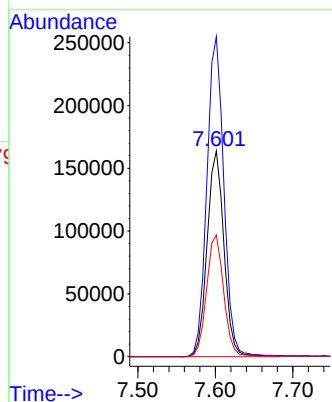
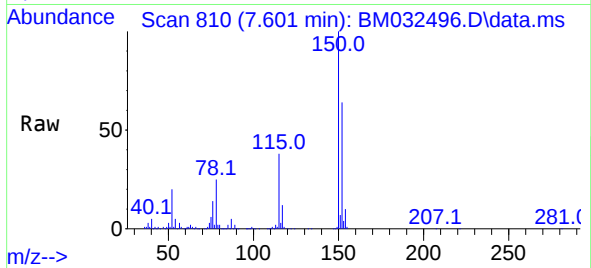




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.601 min Scan# 810
Delta R.T. -0.006 min
Lab File: BM032496.D
Acq: 13 Oct 2021 15:14

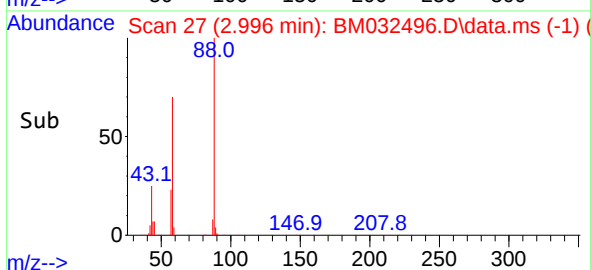
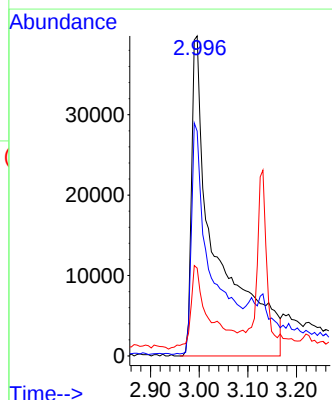
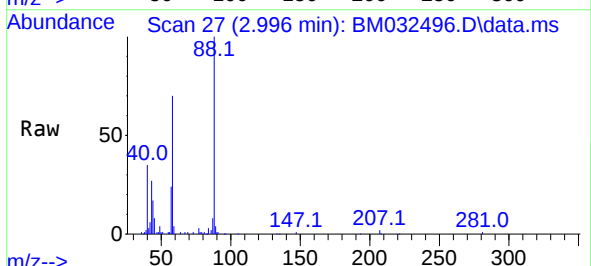
Instrument :
BNA_M
ClientSampleId :
20-20211008-WC

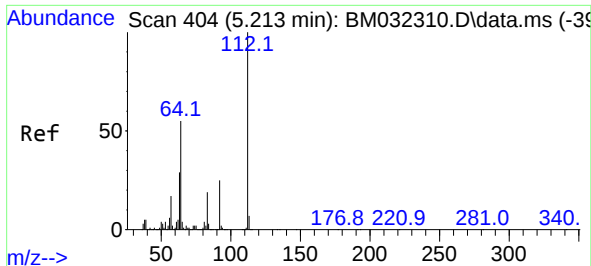
Tgt Ion:152 Resp: 247680
Ion Ratio Lower Upper
152 100
150 155.5 122.4 183.6
115 59.2 53.8 80.8



#2
1,4-Dioxane
Concen: 22.42 ng
RT: 2.996 min Scan# 27
Delta R.T. 0.012 min
Lab File: BM032496.D
Acq: 13 Oct 2021 15:14

Tgt Ion: 88 Resp: 140227
Ion Ratio Lower Upper
88 100
58 56.6 50.4 75.6
43 19.8 22.2 33.2#

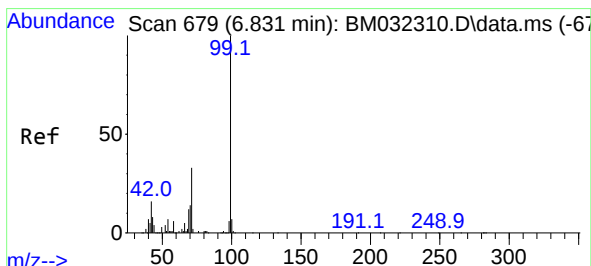
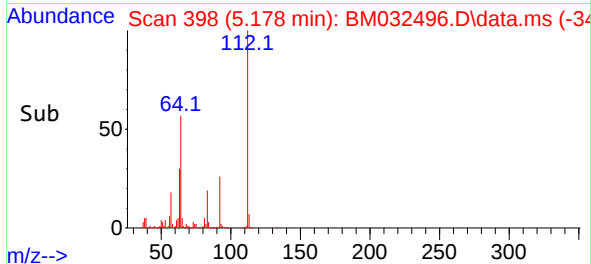
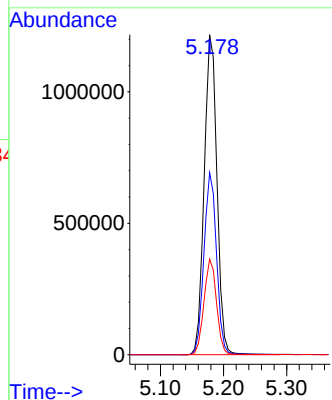
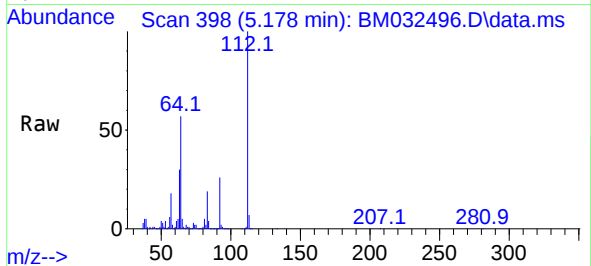




#5
2-Fluorophenol
Concen: 116.46 ng
RT: 5.178 min Scan# 398
Delta R.T. -0.000 min
Lab File: BM032496.D
Acq: 13 Oct 2021 15:14

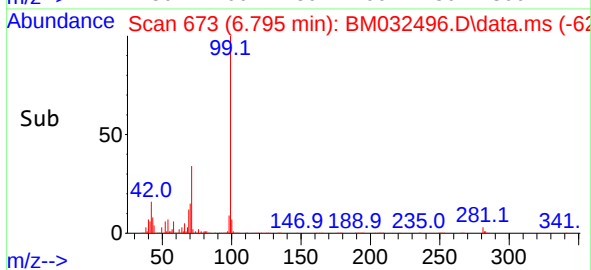
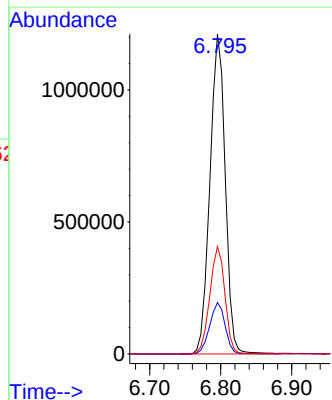
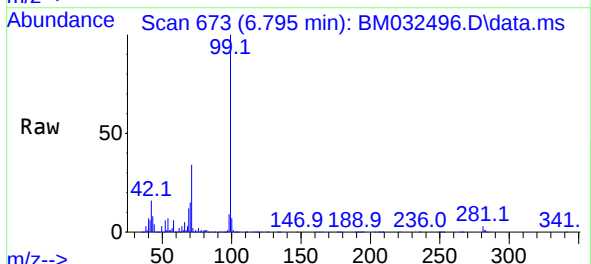
Instrument :
BNA_M
ClientSampleId :
20-20211008-WC

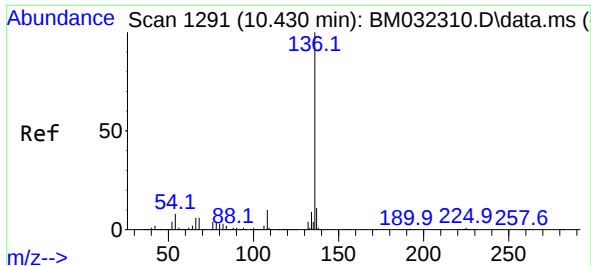
Tgt Ion:112 Resp: 1711963
Ion Ratio Lower Upper
112 100
64 56.9 53.7 80.5
63 29.9 33.9 50.9#



#7
Phenol-d6
Concen: 90.40 ng
RT: 6.795 min Scan# 673
Delta R.T. -0.006 min
Lab File: BM032496.D
Acq: 13 Oct 2021 15:14

Tgt Ion: 99 Resp: 1817214
Ion Ratio Lower Upper
99 100
42 16.1 23.0 34.6#
71 33.6 37.8 56.8#

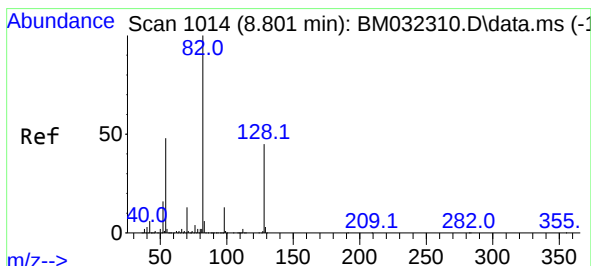
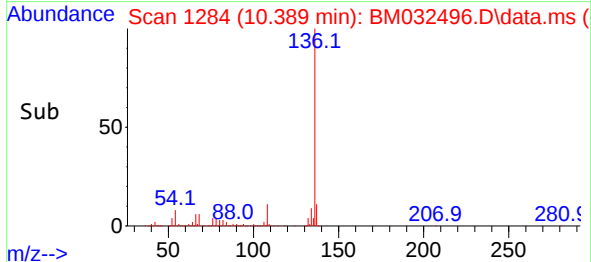
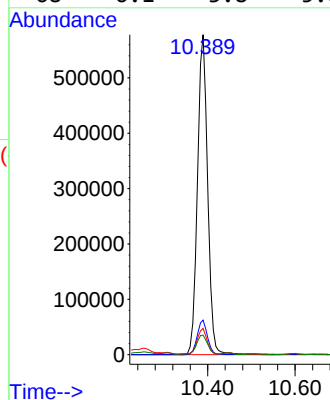
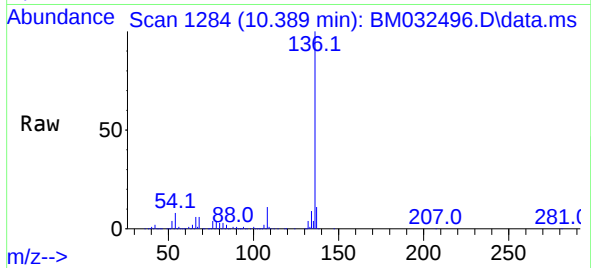




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.389 min Scan# 1284
Delta R.T. -0.006 min
Lab File: BM032496.D
Acq: 13 Oct 2021 15:14

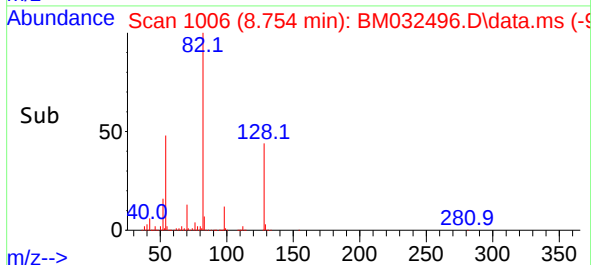
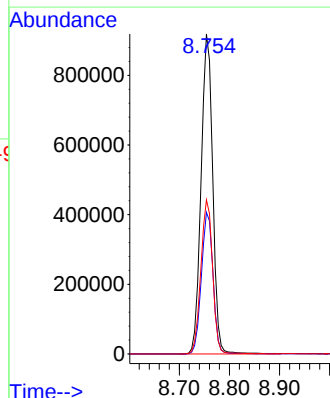
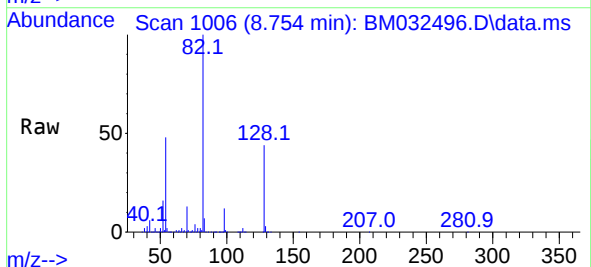
Instrument :
BNA_M
ClientSampleId :
20-20211008-WC

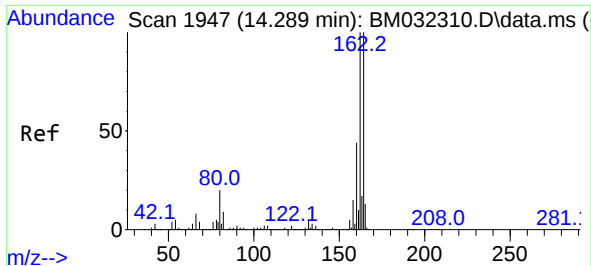
Tgt Ion:136 Resp: 936655
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 8.2 7.4 11.0
68 6.1 3.8 5.8#



#23
Nitrobenzene-d5
Concen: 88.12 ng
RT: 8.754 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BM032496.D
Acq: 13 Oct 2021 15:14

Tgt Ion: 82 Resp: 1484008
Ion Ratio Lower Upper
82 100
128 44.2 29.0 43.6#
54 48.2 45.8 68.8

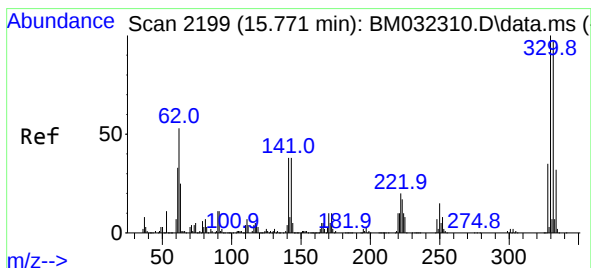
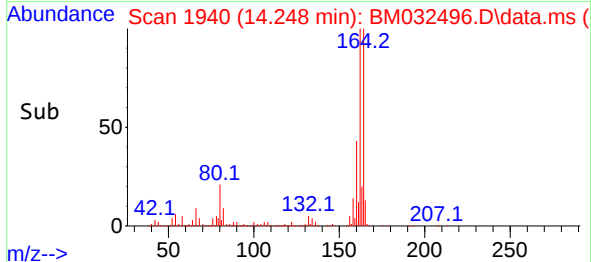
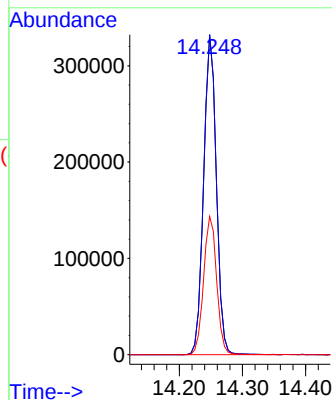
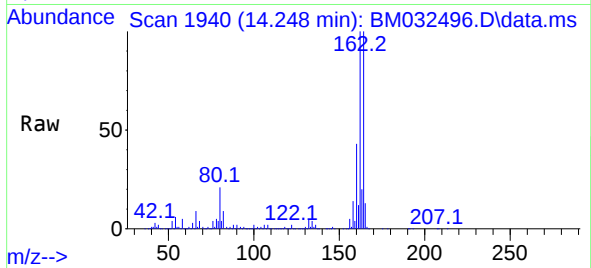




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.248 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BM032496.D
Acq: 13 Oct 2021 15:14

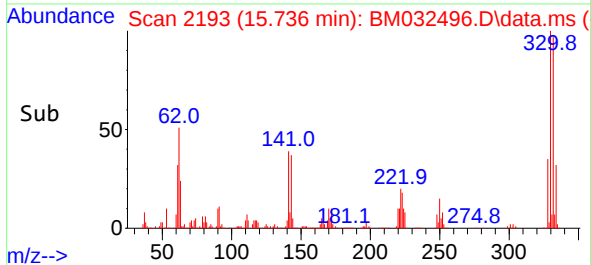
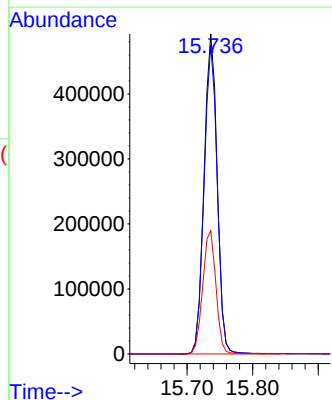
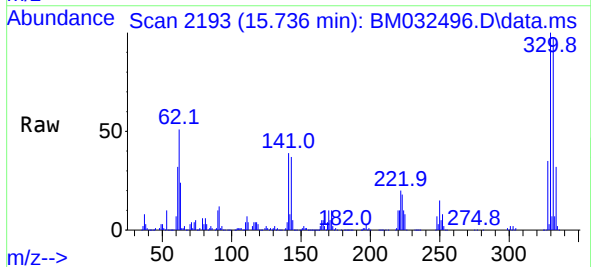
Instrument :
BNA_M
ClientSampleId :
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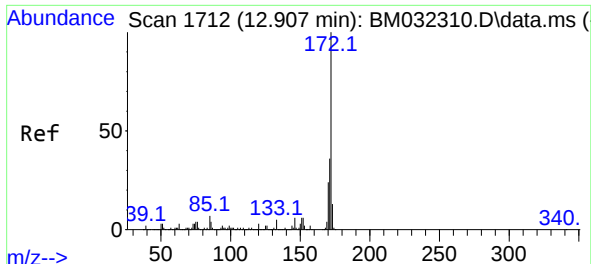
Tgt Ion:164 Resp: 463902
Ion Ratio Lower Upper
164 100
162 100.1 80.6 121.0
160 43.2 35.1 52.7



#42
2,4,6-Tribromophenol
Concen: 132.27 ng
RT: 15.736 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BM032496.D
Acq: 13 Oct 2021 15:14

Tgt Ion:330 Resp: 686910
Ion Ratio Lower Upper
330 100
332 96.5 75.7 113.5
141 38.9 50.7 76.1#



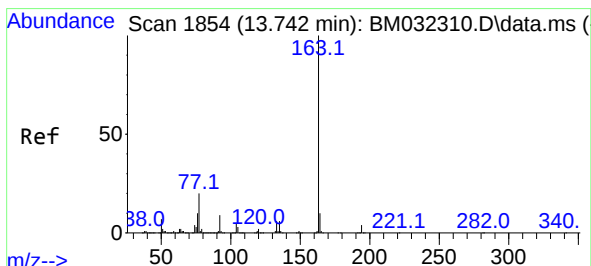
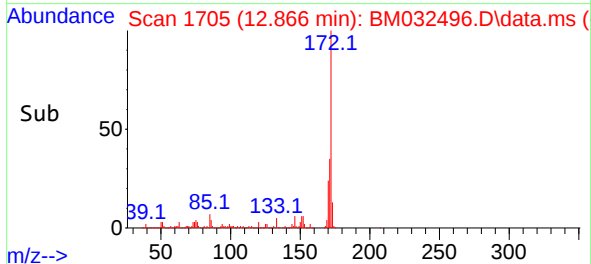
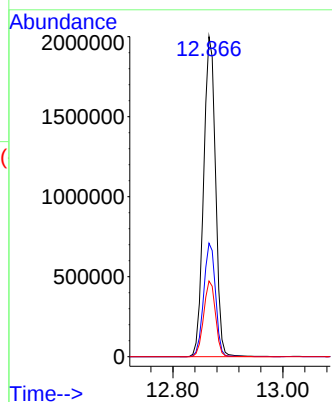
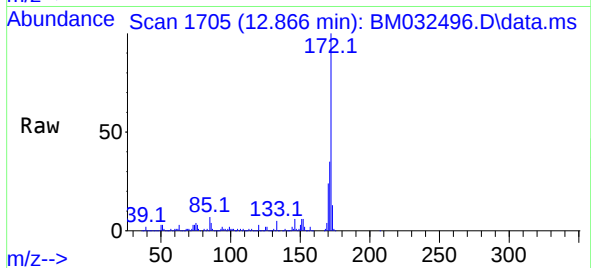


#45
2-Fluorobiphenyl
Concen: 96.61 ng
RT: 12.866 min Scan# 1705
Delta R.T. -0.006 min
Lab File: BM032496.D
Acq: 13 Oct 2021 15:14

Instrument :
BNA_M
ClientSampleId :
20-20211008-WC

Tgt Ion:172 Resp: 3014247

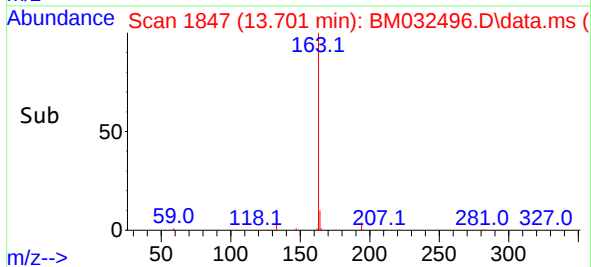
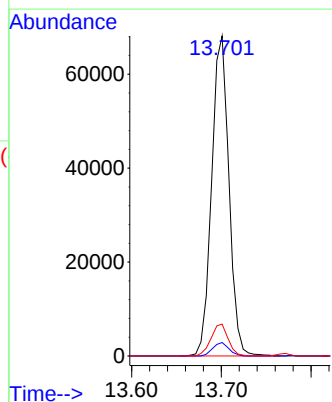
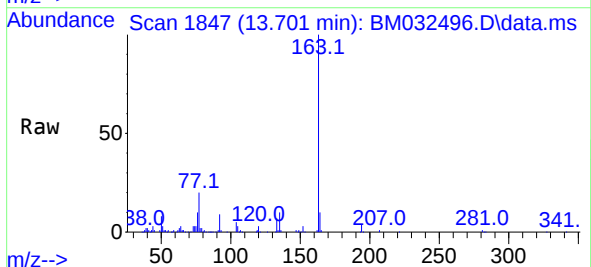
Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.1	42.1
170	23.7	18.6	27.8

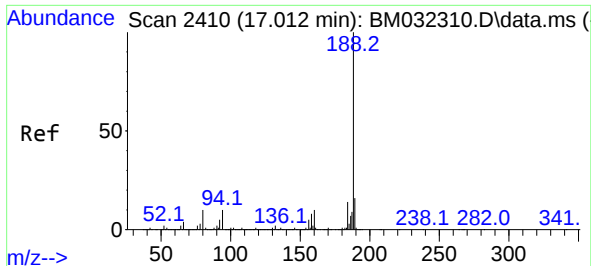


#50
Dimethylphthalate
Concen: 2.78 ng
RT: 13.701 min Scan# 1847
Delta R.T. -0.012 min
Lab File: BM032496.D
Acq: 13 Oct 2021 15:14

Tgt Ion:163 Resp: 91016

Ion	Ratio	Lower	Upper
163	100		
194	4.2	2.9	4.3
164	10.0	8.0	12.0

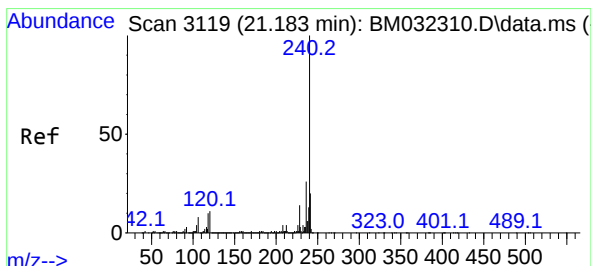
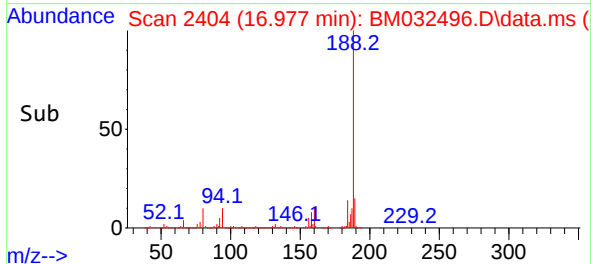
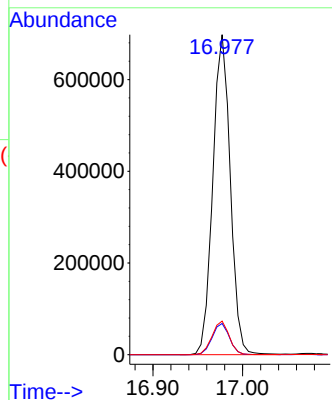
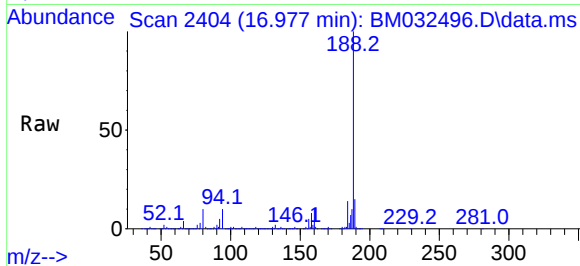




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.977 min Scan# 2404
Delta R.T. -0.006 min
Lab File: BM032496.D
Acq: 13 Oct 2021 15:14

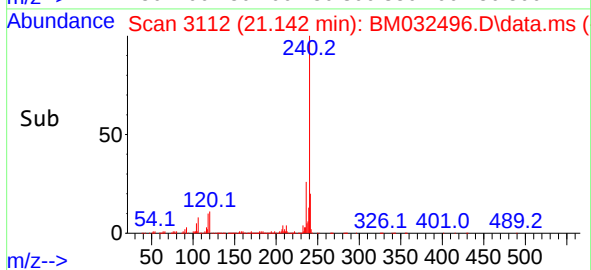
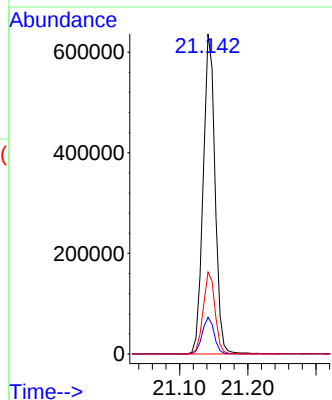
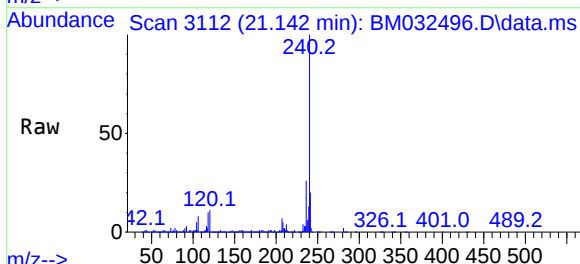
Instrument :
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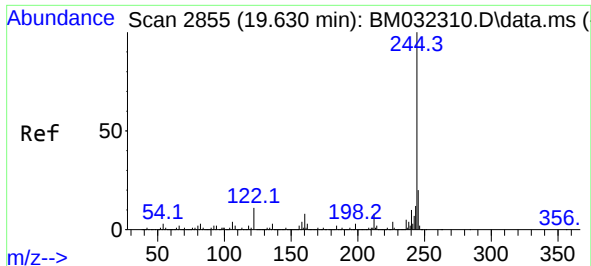
Tgt Ion:188 Resp: 943374
Ion Ratio Lower Upper
188 100
94 9.8 6.3 9.5#
80 10.5 7.3 10.9



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.142 min Scan# 3112
Delta R.T. -0.006 min
Lab File: BM032496.D
Acq: 13 Oct 2021 15:14

Tgt Ion:240 Resp: 771378
Ion Ratio Lower Upper
240 100
120 11.4 7.8 11.6
236 25.6 20.9 31.3

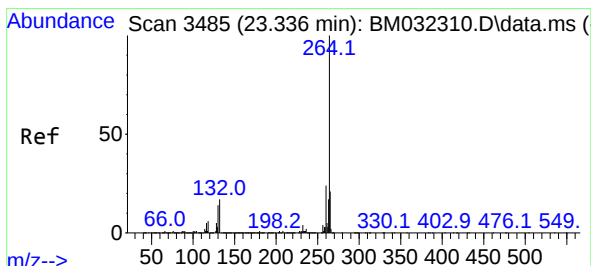
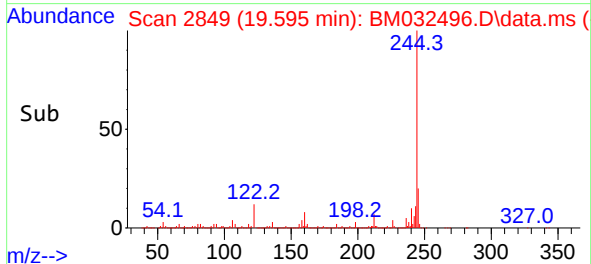
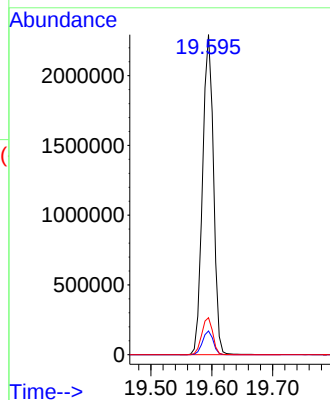
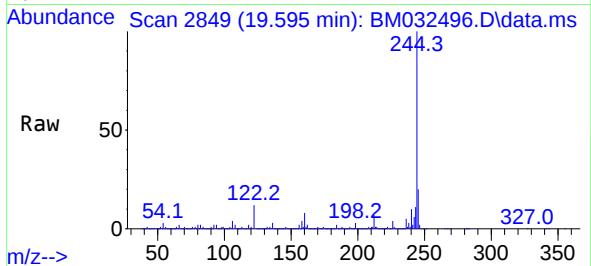




#79
Terphenyl-d14
Concen: 77.74 ng
RT: 19.595 min Scan# 2849
Delta R.T. -0.006 min
Lab File: BM032496.D
Acq: 13 Oct 2021 15:14

Instrument :
BNA_M
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Tgt Ion:244 Resp: 2847559
Ion Ratio Lower Upper
244 100
212 7.4 6.5 9.7
122 11.6 8.7 13.1



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.283 min Scan# 3476
Delta R.T. -0.006 min
Lab File: BM032496.D
Acq: 13 Oct 2021 15:14

Tgt Ion:264 Resp: 110623
Ion Ratio Lower Upper
264 100
260 49.0 19.3 28.9#
265 24.7 18.3 27.5

