

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110421\
 Data File : BM032885.D
 Acq On : 04 Nov 2021 21:12
 Operator : CG/JU
 Sample : M4475-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB01B

Quant Time: Nov 07 08:52:54 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM110221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 02 16:07:18 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.484	152	103383	20.000	ng	0.00
21) Naphthalene-d8	10.266	136	391630	20.000	ng	# 0.00
39) Acenaphthene-d10	14.142	164	224672	20.000	ng	-0.01
64) Phenanthrene-d10	16.883	188	424396	20.000	ng	-0.01
76) Chrysene-d12	21.065	240	404098	20.000	ng	-0.01
86) Perylene-d12	23.177	264	423508	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.078	112	687158	115.878	ng	0.00
7) Phenol-d6	6.690	99	835248	94.582	ng	0.00
23) Nitrobenzene-d5	8.636	82	524733	73.335	ng	-0.01
42) 2,4,6-Tribromophenol	15.642	330	222821	88.555	ng	0.00
45) 2-Fluorobiphenyl	12.760	172	1077647	74.394	ng	0.00
79) Terphenyl-d14	19.512	244	1333848	72.065	ng	-0.01

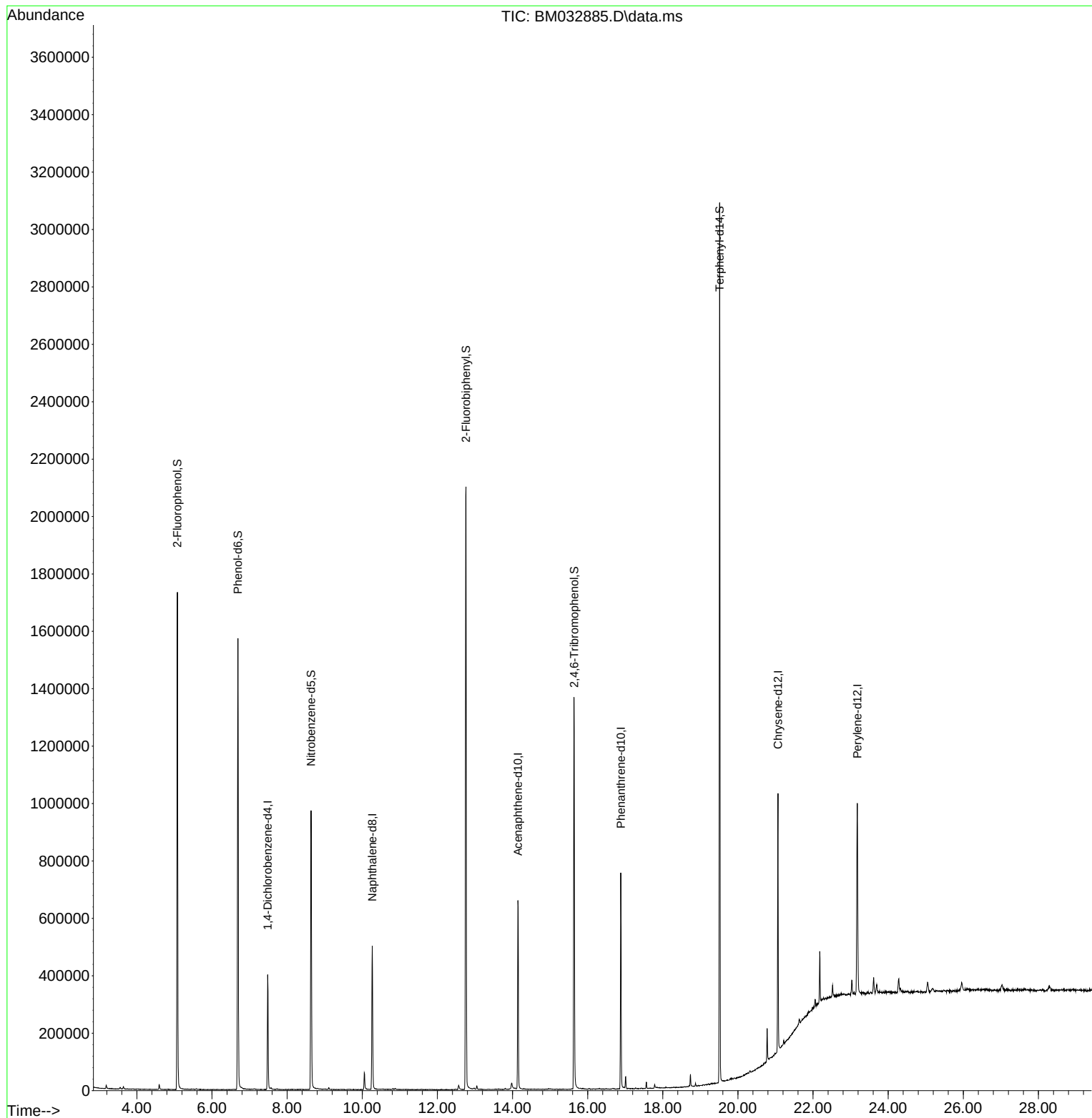
Target Compounds	Qvalue

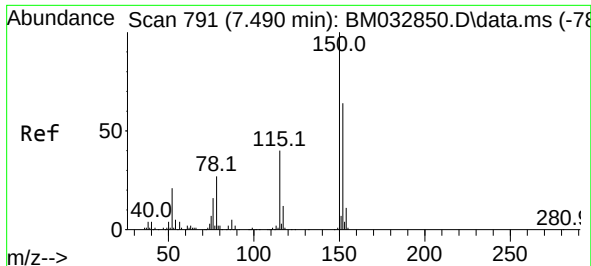
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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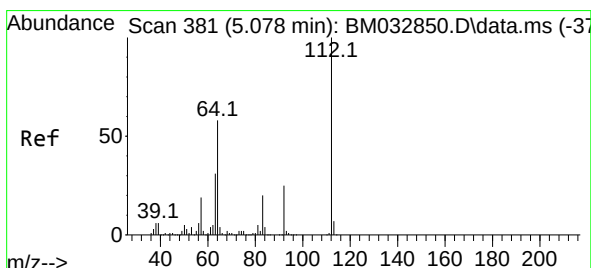
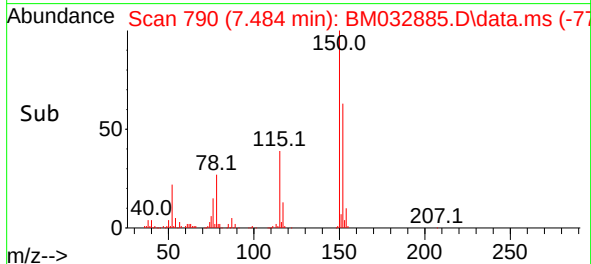
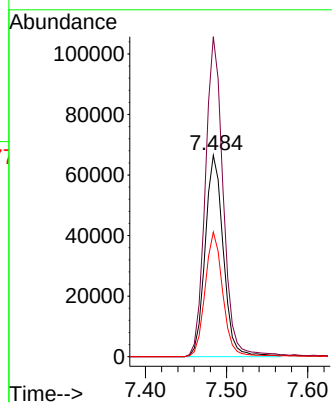
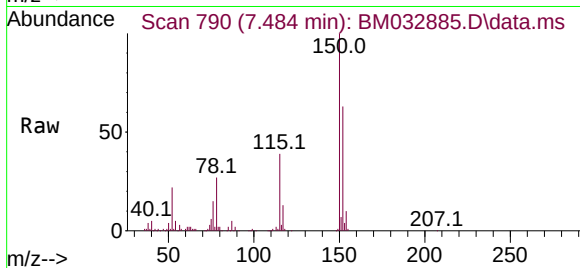




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.484 min Scan# 791
Delta R.T. -0.006 min
Lab File: BM032885.D
Acq: 04 Nov 2021 21:12

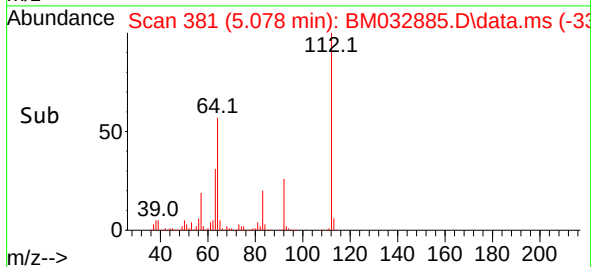
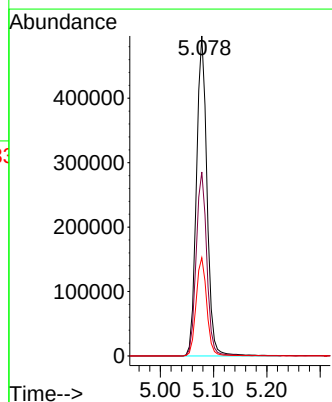
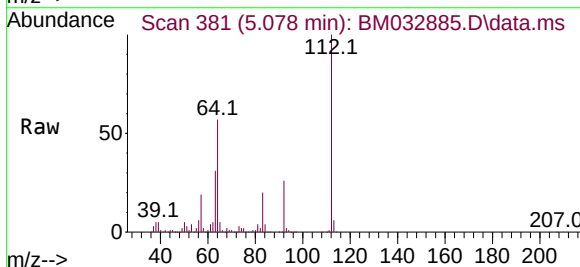
Instrument :
BNA_M
ClientSampleId :
SB01B

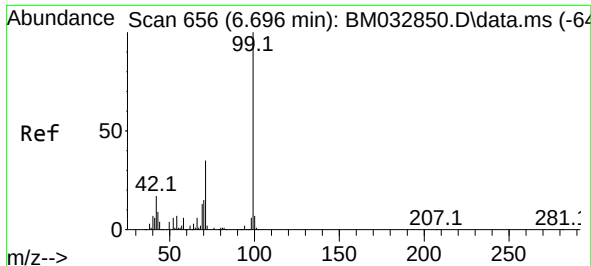
Tgt Ion:152 Resp: 103383
Ion Ratio Lower Upper
152 100
150 158.8 122.4 183.6
115 61.9 53.8 80.8



#5
2-Fluorophenol
Concen: 115.878 ng
RT: 5.078 min Scan# 381
Delta R.T. -0.000 min
Lab File: BM032885.D
Acq: 04 Nov 2021 21:12

Tgt Ion:112 Resp: 687158
Ion Ratio Lower Upper
112 100
64 57.5 53.7 80.5
63 30.7 33.9 50.9#

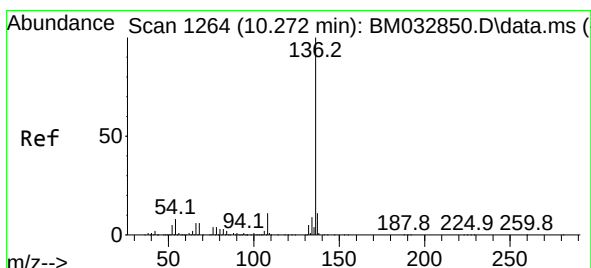
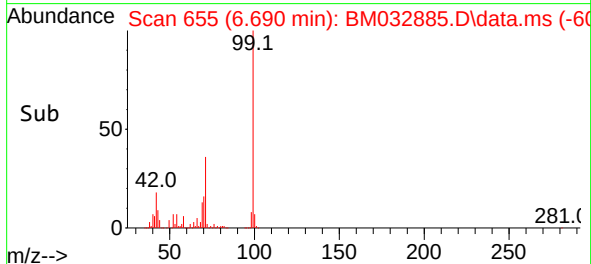
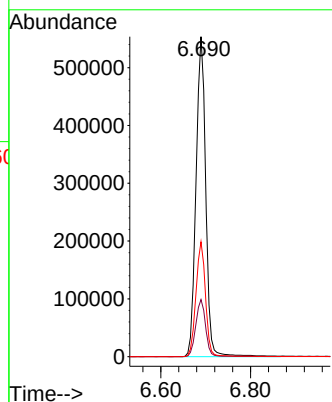
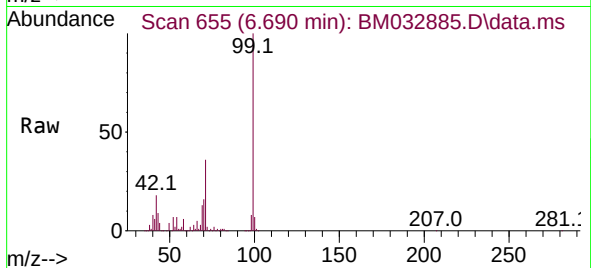




#7
Phenol-d6
Concen: 94.582 ng
RT: 6.690 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM032885.D
Acq: 04 Nov 2021 21:12

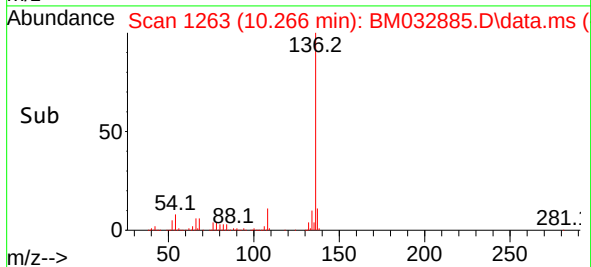
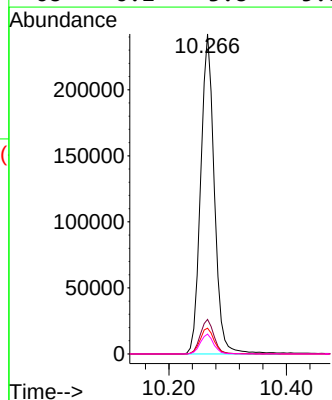
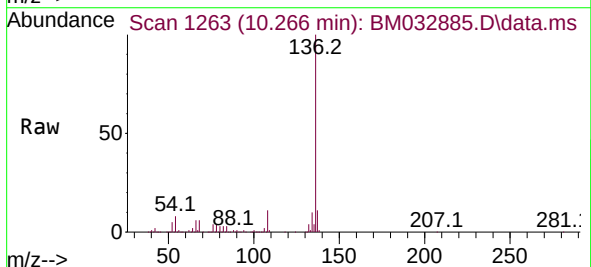
Instrument :
BNA_M
ClientSampleId :
SB01B

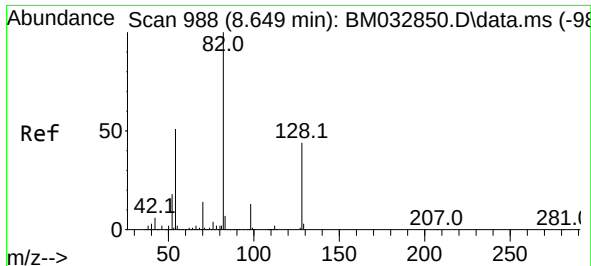
Tgt Ion: 99 Resp: 835248
Ion Ratio Lower Upper
99 100
42 17.9 23.0 34.6#
71 35.9 37.8 56.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.266 min Scan# 1263
Delta R.T. -0.006 min
Lab File: BM032885.D
Acq: 04 Nov 2021 21:12

Tgt Ion: 136 Resp: 391630
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 8.1 7.4 11.0
68 6.2 3.8 5.8#

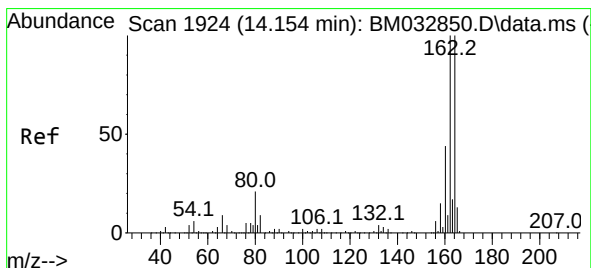
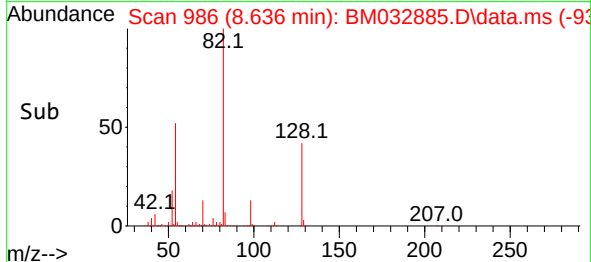
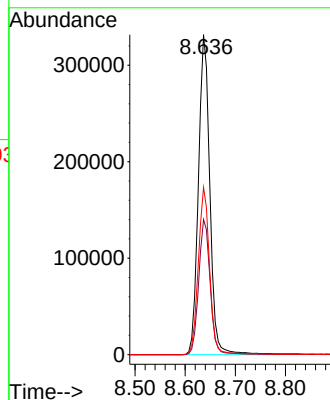
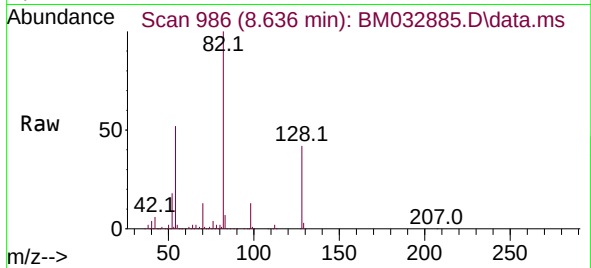




#23
Nitrobenzene-d5
Concen: 73.335 ng
RT: 8.636 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM032885.D
Acq: 04 Nov 2021 21:12

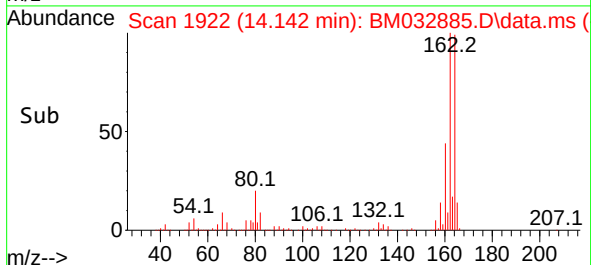
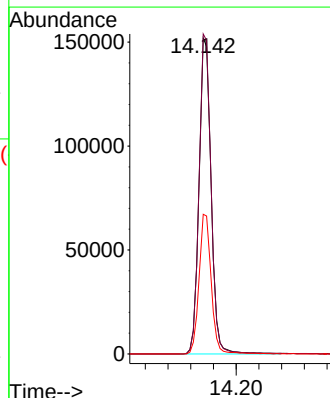
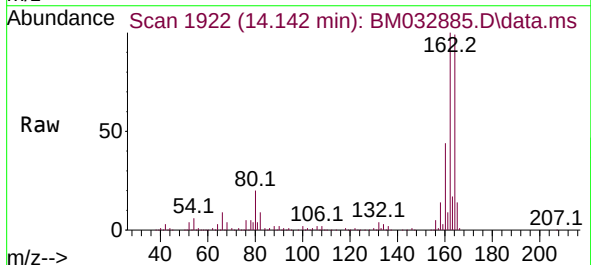
Instrument :
BNA_M
ClientSampleId :
SB01B

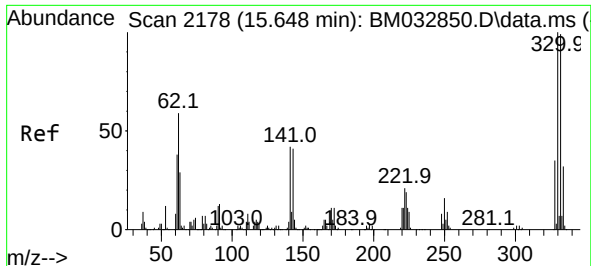
Tgt Ion: 82 Resp: 524733
Ion Ratio Lower Upper
82 100
128 42.3 29.0 43.6
54 52.3 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.142 min Scan# 1922
Delta R.T. -0.012 min
Lab File: BM032885.D
Acq: 04 Nov 2021 21:12

Tgt Ion: 164 Resp: 224672
Ion Ratio Lower Upper
164 100
162 101.3 80.6 121.0
160 44.2 35.1 52.7

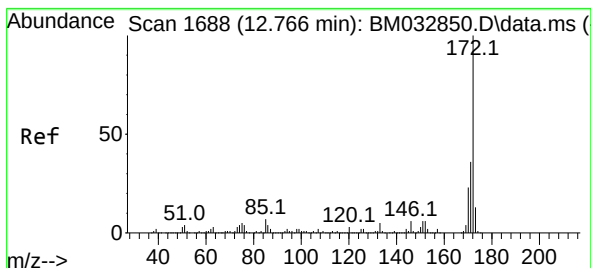
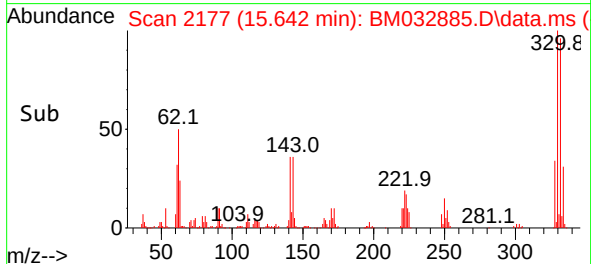
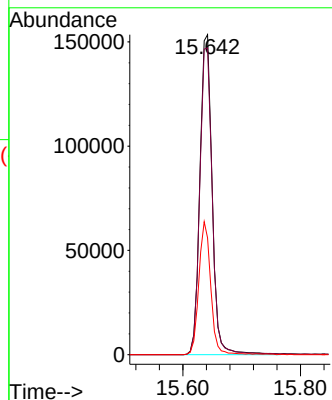
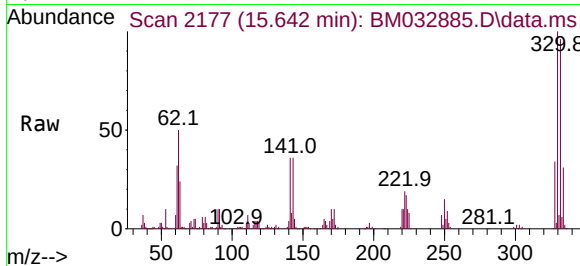




#42
2,4,6-Tribromophenol
Concen: 88.555 ng
RT: 15.642 min Scan# 2178
Delta R.T. -0.006 min
Lab File: BM032885.D
Acq: 04 Nov 2021 21:12

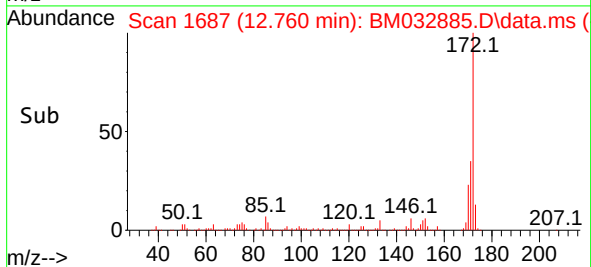
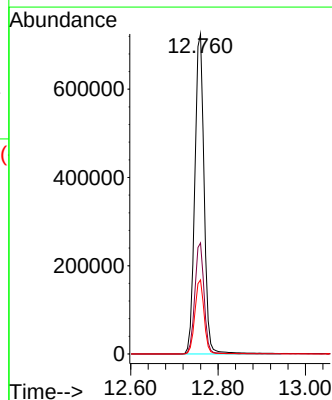
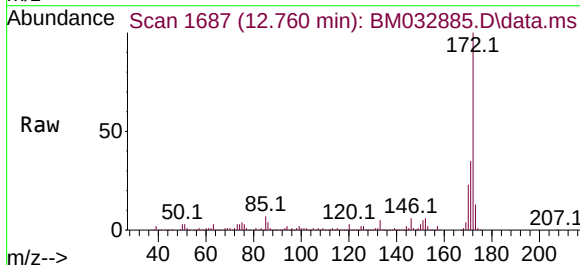
Instrument :
BNA_M
ClientSampleId :
SB01B

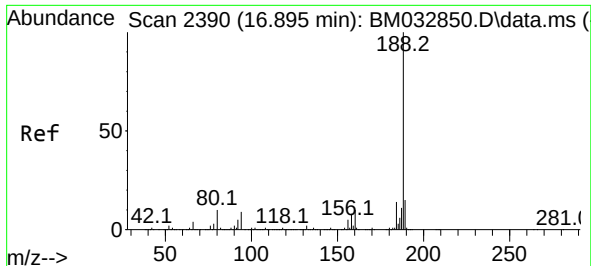
Tgt Ion:330 Resp: 222821
Ion Ratio Lower Upper
330 100
332 97.3 75.7 113.5
141 40.2 50.7 76.1#



#45
2-Fluorobiphenyl
Concen: 74.394 ng
RT: 12.760 min Scan# 1687
Delta R.T. -0.006 min
Lab File: BM032885.D
Acq: 04 Nov 2021 21:12

Tgt Ion:172 Resp: 1077647
Ion Ratio Lower Upper
172 100
171 34.7 28.1 42.1
170 23.1 18.6 27.8

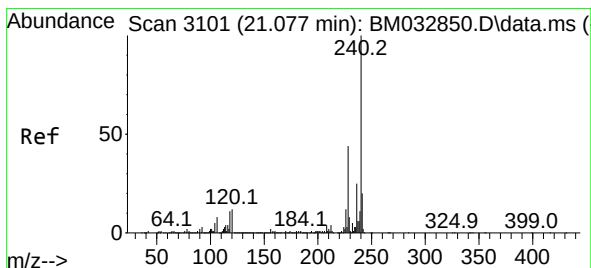
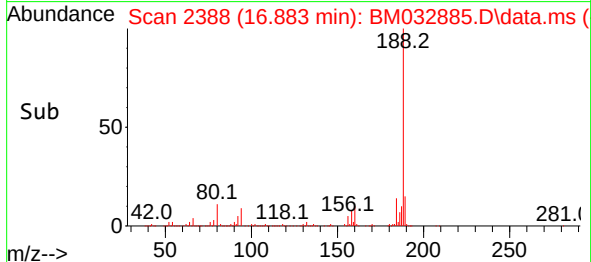
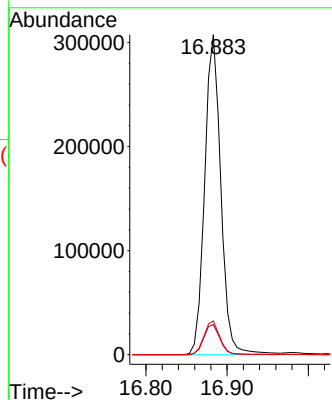
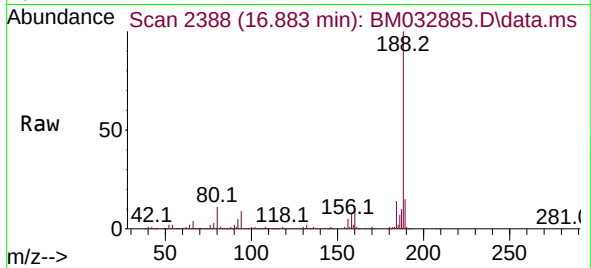




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.883 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM032885.D
Acq: 04 Nov 2021 21:12

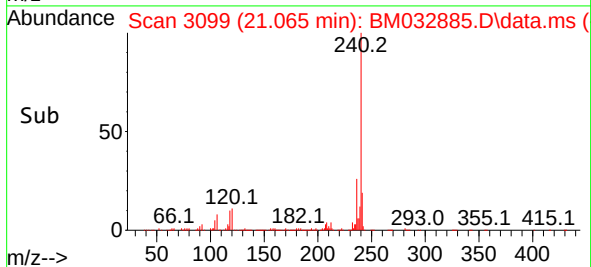
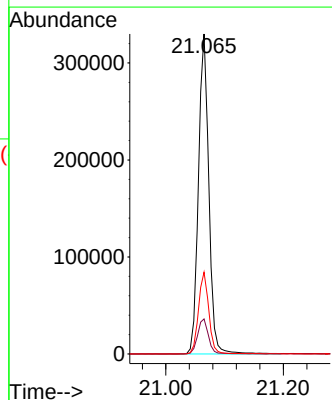
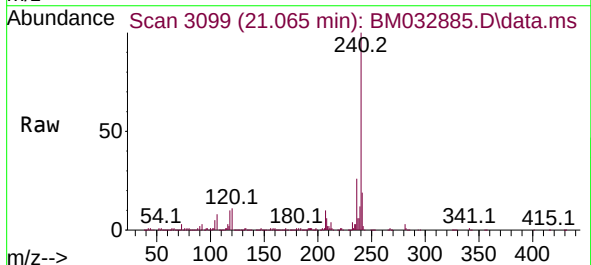
Instrument :
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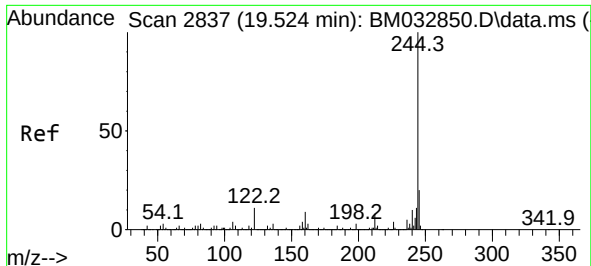
Tgt Ion:188 Resp: 424396
Ion Ratio Lower Upper
188 100
94 9.4 6.3 9.5
80 10.5 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.065 min Scan# 3099
Delta R.T. -0.012 min
Lab File: BM032885.D
Acq: 04 Nov 2021 21:12

Tgt Ion:240 Resp: 404098
Ion Ratio Lower Upper
240 100
120 10.9 7.8 11.6
236 25.5 20.9 31.3

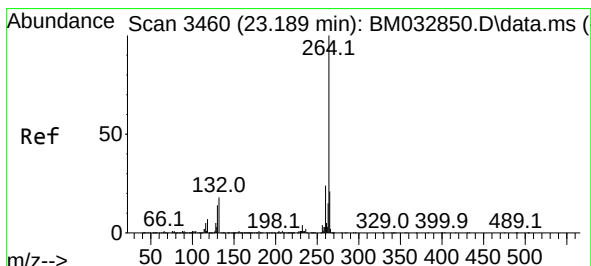
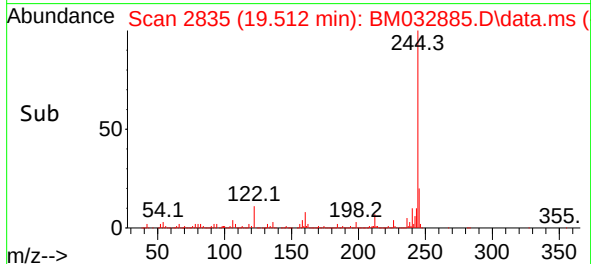
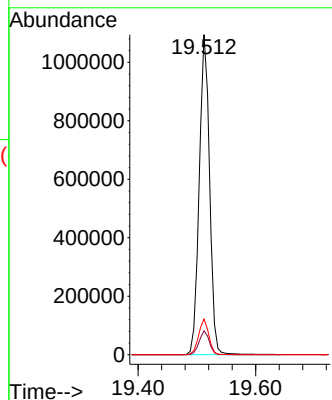
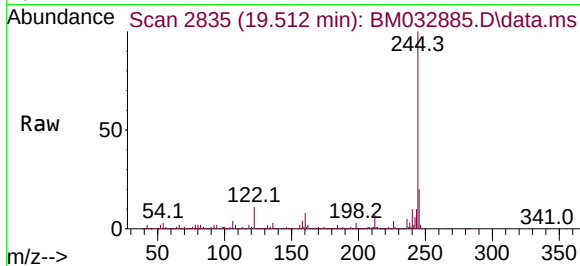




#79
 Terphenyl-d14
 Concen: 72.065 ng
 RT: 19.512 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM032885.D
 Acq: 04 Nov 2021 21:12

Instrument :
 BNA_M
 ClientSampleId :
 SB01B

Tgt Ion:244 Resp: 1333848
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.5 9.7
 122 11.1 8.7 13.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.177 min Scan# 3458
 Delta R.T. -0.012 min
 Lab File: BM032885.D
 Acq: 04 Nov 2021 21:12

Tgt Ion:264 Resp: 423508
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.3 28.9
 265 22.0 18.3 27.5

