

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120321\
 Data File : BM033302.D
 Acq On : 04 Dec 2021 00:37
 Operator : CG/JU
 Sample : M4917-13
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-29

Quant Time: Dec 06 00:52:10 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 24 15:16:33 2021
 Response via : Initial Calibration

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

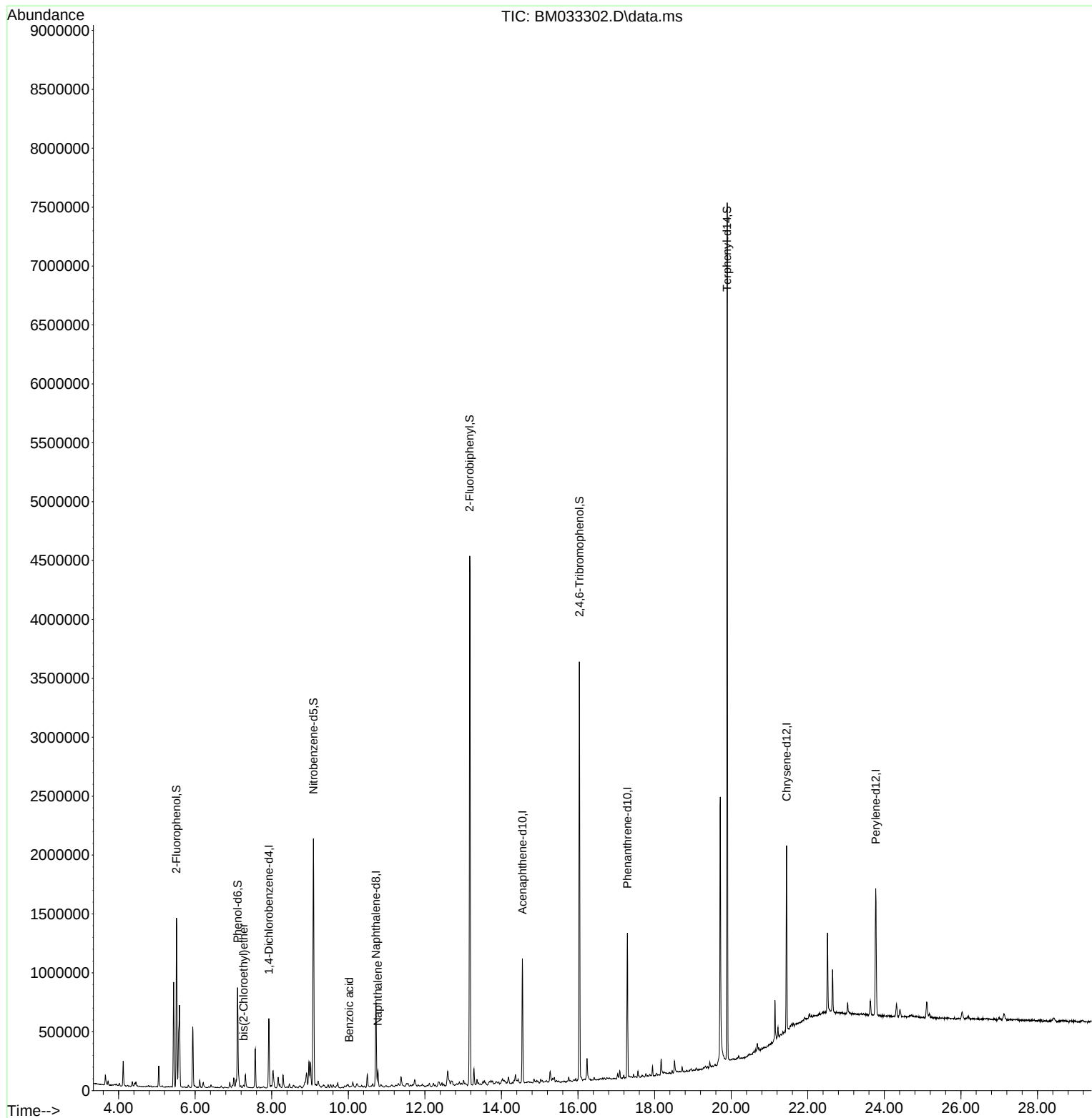
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.925	152	147721	20.000	ng	-0.01
21) Naphthalene-d8	10.725	136	568946	20.000	ng	#-0.01
39) Acenaphthene-d10	14.548	164	349132	20.000	ng	-0.01
64) Phenanthrene-d10	17.289	188	718729	20.000	ng	# 0.00
76) Chrysene-d12	21.447	240	717399	20.000	ng	# 0.00
86) Perylene-d12	23.777	264	736101	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.513	112	566741	63.356	ng	0.00
7) Phenol-d6	7.107	99	452725	37.789	ng	0.01
23) Nitrobenzene-d5	9.089	82	1213852	99.045	ng	-0.01
42) 2,4,6-Tribromophenol	16.036	330	524845	137.904	ng	0.00
45) 2-Fluorobiphenyl	13.171	172	2225794	89.910	ng	-0.01
79) Terphenyl-d14	19.895	244	3233481	89.125	ng	-0.01
Target Compounds						
9) Benzaldehyde	7.066	77	6106	Below Cal	Qvalue	# 1
11) bis(2-Chloroethyl)ether	7.266	93	19441	2.097	ng	# 22
31) Naphthalene	10.772	128	103821	3.459	ng	99
32) Benzoic acid	10.025	122	194	5.253	ng	# 45

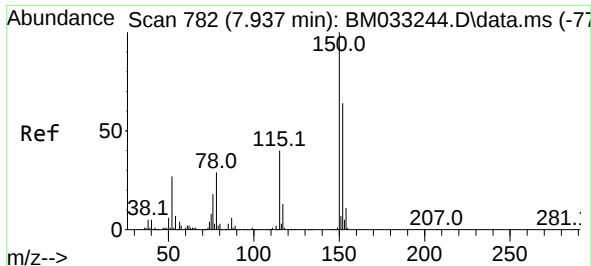
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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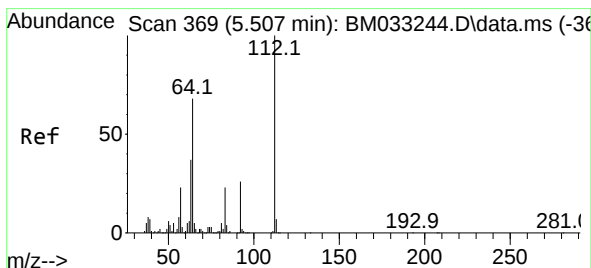
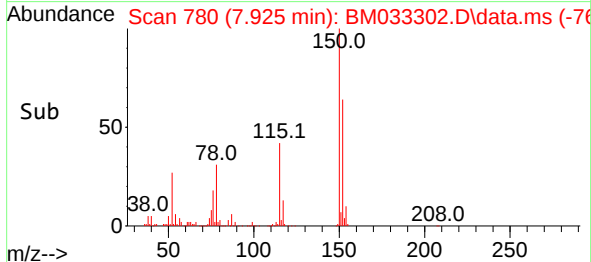
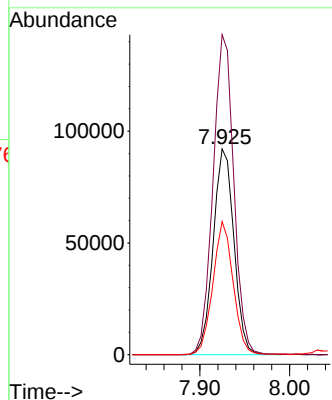
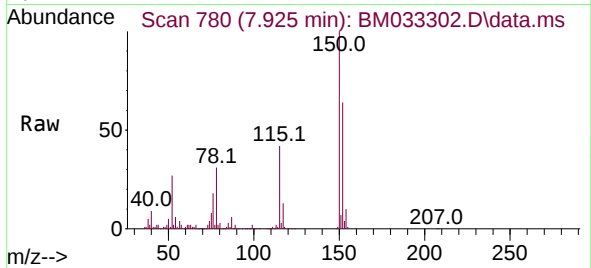




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.925 min Scan# 71
Delta R.T. -0.012 min
Lab File: BM033302.D
Acq: 04 Dec 2021 00:37

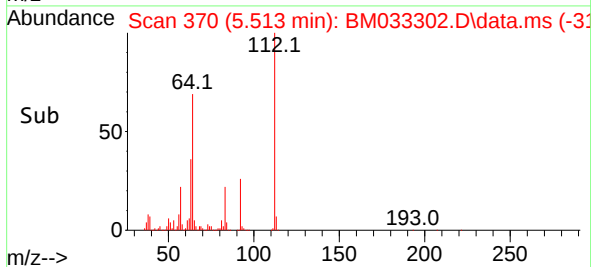
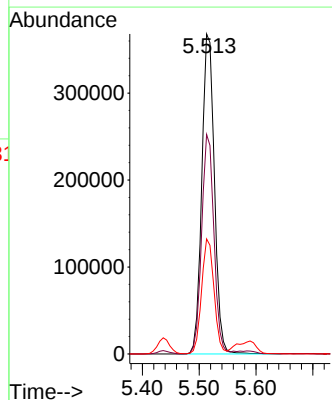
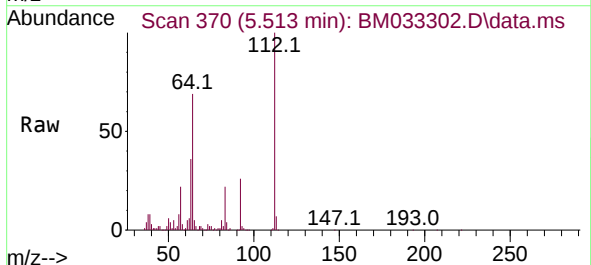
Instrument :
BNA_M
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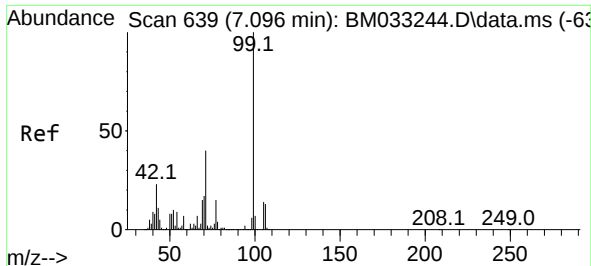
Tgt Ion:152 Resp: 147721
Ion Ratio Lower Upper
152 100
150 155.5 122.4 183.6
115 64.7 53.8 80.8



#5
2-Fluorophenol
Concen: 63.356 ng
RT: 5.513 min Scan# 370
Delta R.T. 0.006 min
Lab File: BM033302.D
Acq: 04 Dec 2021 00:37

Tgt Ion:112 Resp: 566741
Ion Ratio Lower Upper
112 100
64 68.6 53.7 80.5
63 36.0 33.9 50.9

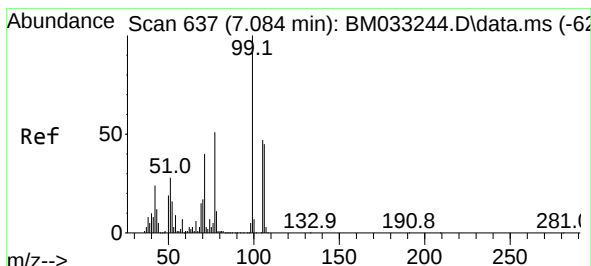
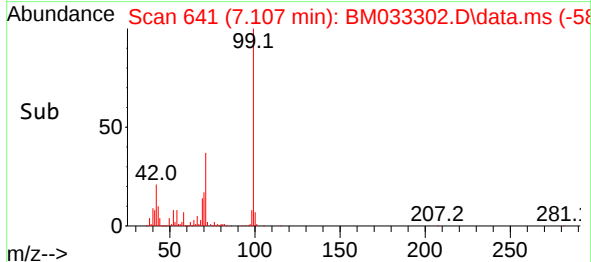
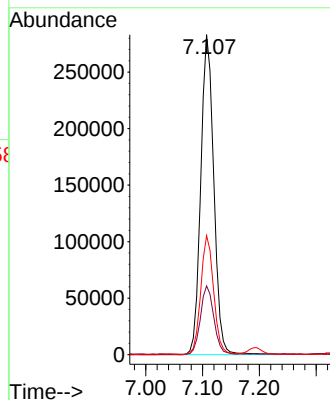
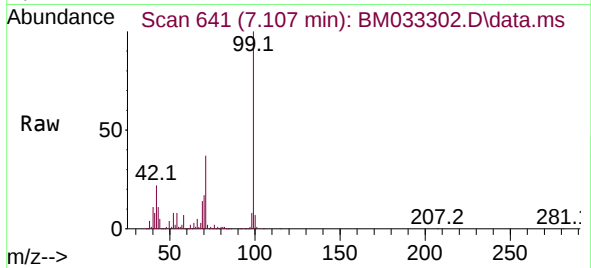




#7
Phenol-d6
Concen: 37.789 ng
RT: 7.107 min Scan# 641
Delta R.T. 0.012 min
Lab File: BM033302.D
Acq: 04 Dec 2021 00:37

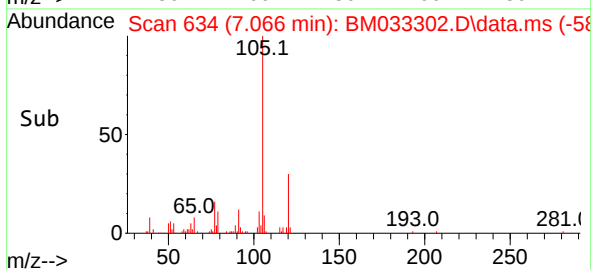
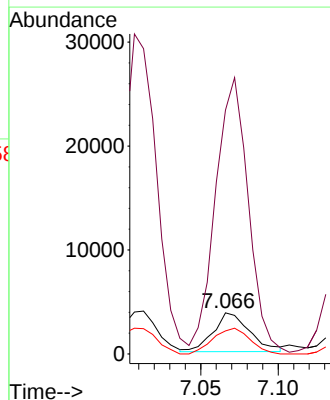
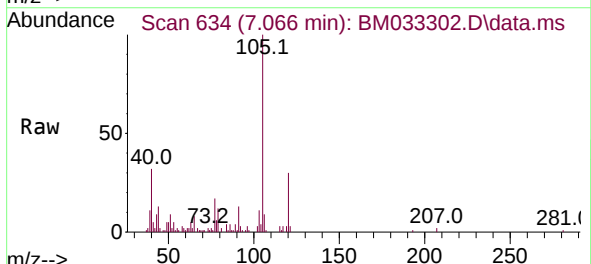
Instrument :
BNA_M
ClientSampleId :
MW-29

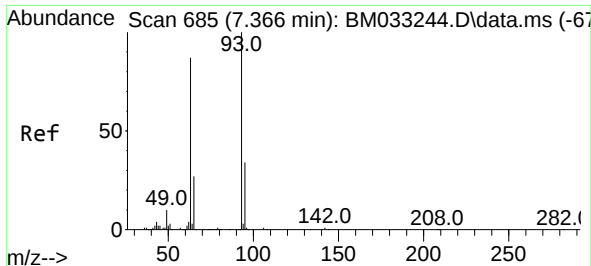
Tgt Ion: 99 Resp: 452725
Ion Ratio Lower Upper
99 100
42 21.5 23.0 34.6#
71 37.2 37.8 56.8#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.066 min Scan# 634
Delta R.T. -0.018 min
Lab File: BM033302.D
Acq: 04 Dec 2021 00:37

Tgt Ion: 77 Resp: 6106
Ion Ratio Lower Upper
77 100
105 593.6 68.9 108.9#
106 56.1 61.2 101.2#

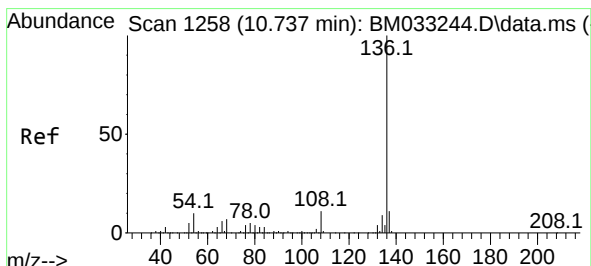
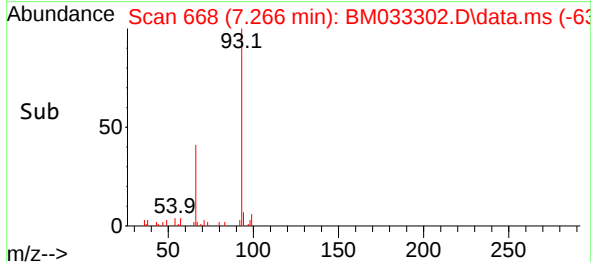
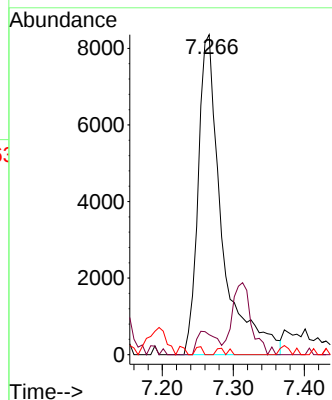
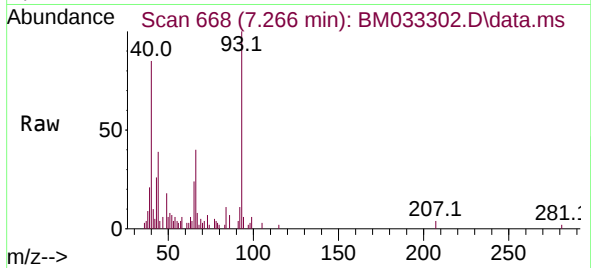




#11
bis(2-Chloroethyl)ether
Concen: 2.097 ng
RT: 7.266 min Scan# 61
Delta R.T. -0.100 min
Lab File: BM033302.D
Acq: 04 Dec 2021 00:37

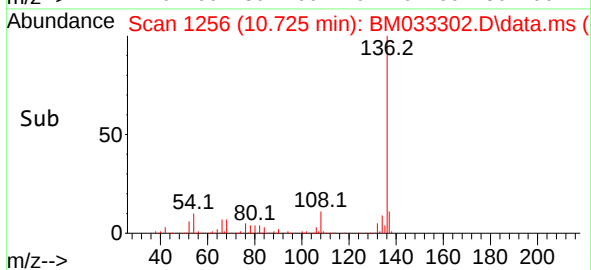
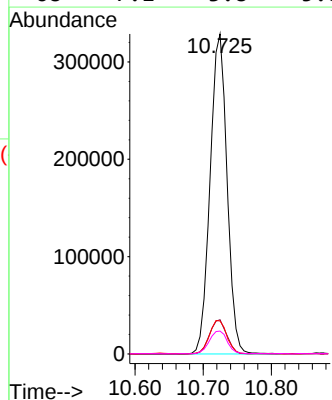
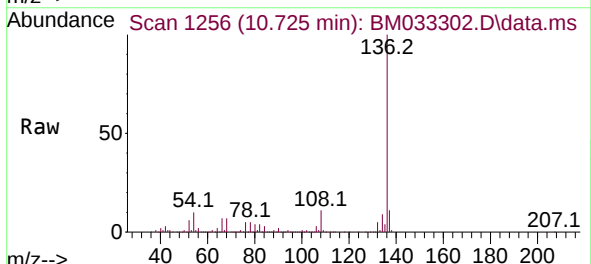
Instrument :
BNA_M
ClientSampleId :
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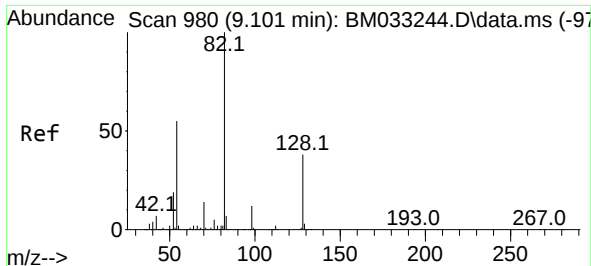
Tgt Ion: 93 Resp: 19441
Ion Ratio Lower Upper
93 100
63 6.2 63.7 103.7#
95 0.0 12.4 52.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.725 min Scan# 1256
Delta R.T. -0.012 min
Lab File: BM033302.D
Acq: 04 Dec 2021 00:37

Tgt Ion: 136 Resp: 568946
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 10.3 7.4 11.0
68 7.1 3.8 5.8#





#23

Nitrobenzene-d5

Concen: 99.045 ng

RT: 9.089 min Scan# 91

Delta R.T. -0.012 min

Lab File: BM033302.D

Acq: 04 Dec 2021 00:37

Instrument :

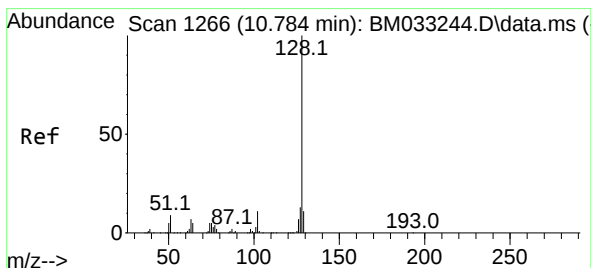
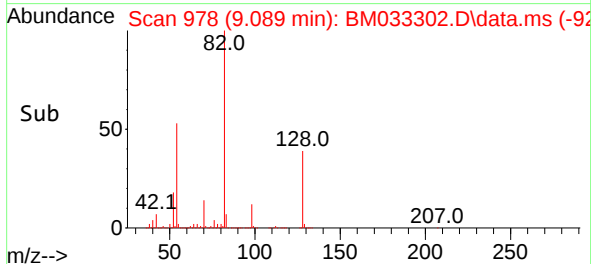
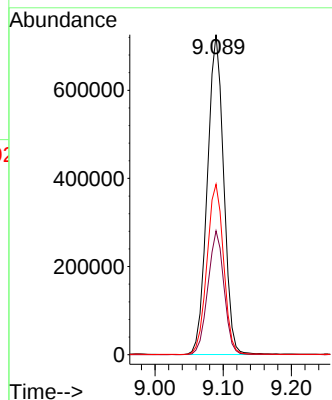
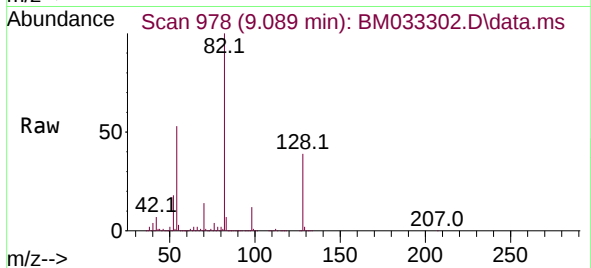
BNA_M

ClientSampleId :

MW-29

Tgt Ion: 82 Resp: 1213852

Ion	Ratio	Lower	Upper
82	100		
128	38.7	29.0	43.6
54	53.3	45.8	68.8



#31

Naphthalene

Concen: 3.459 ng

RT: 10.772 min Scan# 1264

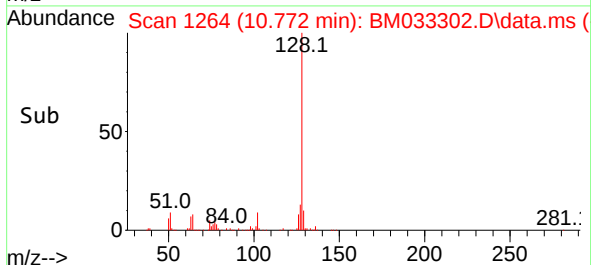
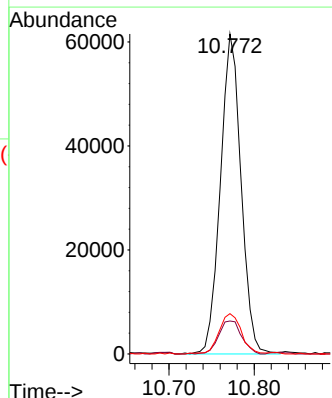
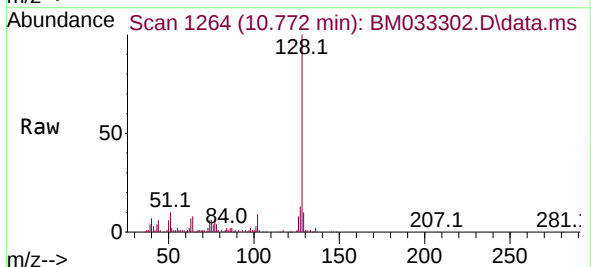
Delta R.T. -0.012 min

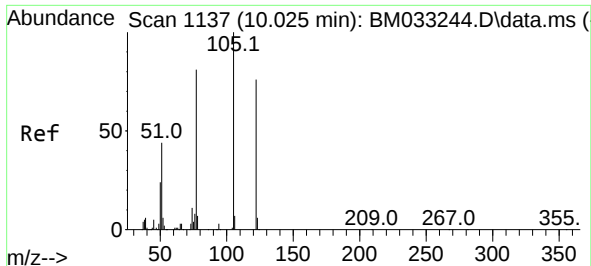
Lab File: BM033302.D

Acq: 04 Dec 2021 00:37

Tgt Ion: 128 Resp: 103821

Ion	Ratio	Lower	Upper
128	100		
129	10.3	8.6	13.0
127	12.6	10.4	15.6

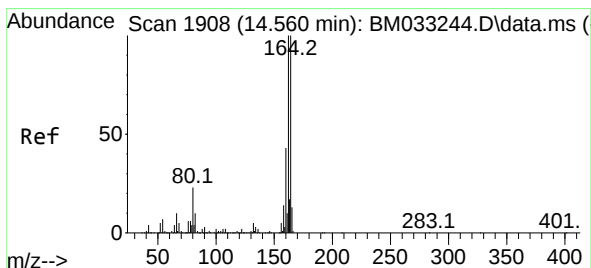
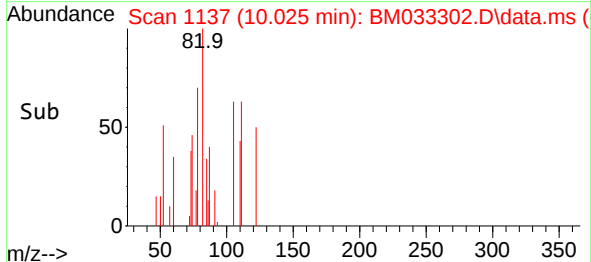
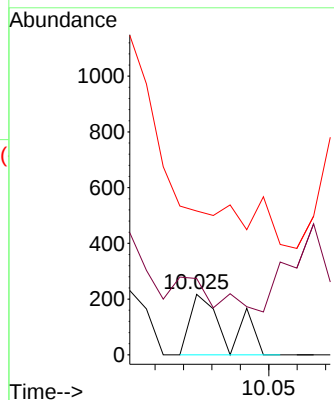
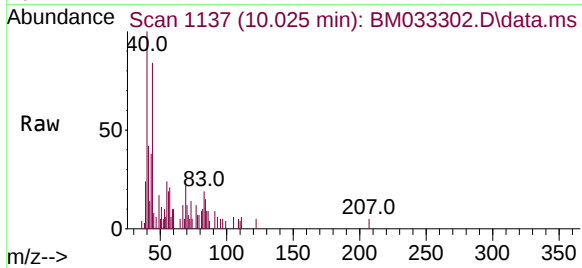




#32
Benzoic acid
Concen: 5.253 ng
RT: 10.025 min Scan# 1137
Delta R.T. -0.000 min
Lab File: BM033302.D
Acq: 04 Dec 2021 00:37

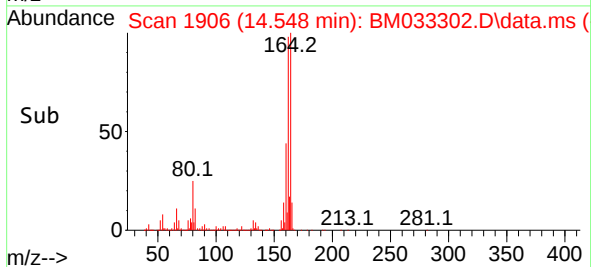
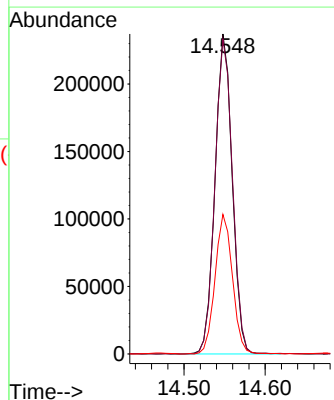
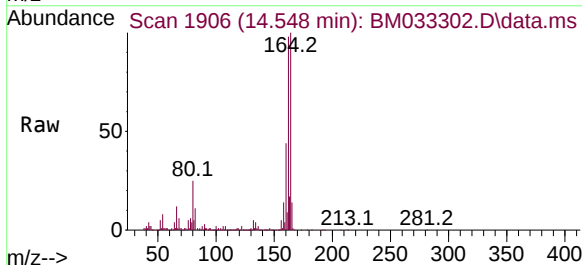
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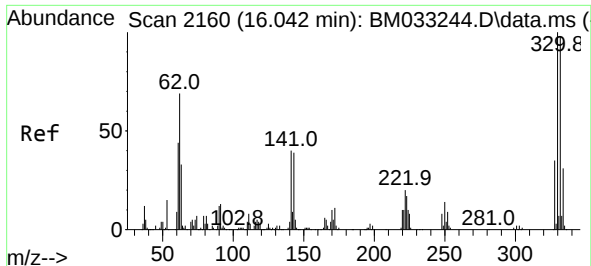
Tgt Ion	Ratio	Lower	Upper
122	100		
105	126.3	120.3	160.3
77	237.8	100.0	140.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.548 min Scan# 1906
Delta R.T. -0.012 min
Lab File: BM033302.D
Acq: 04 Dec 2021 00:37

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.4	80.6	121.0
160	43.6	35.1	52.7

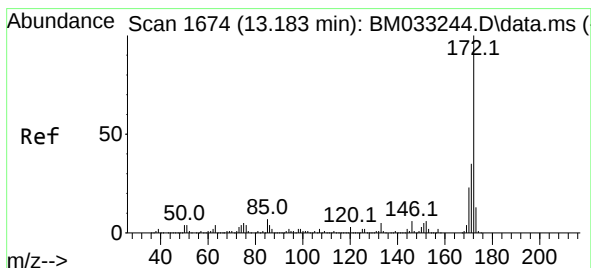
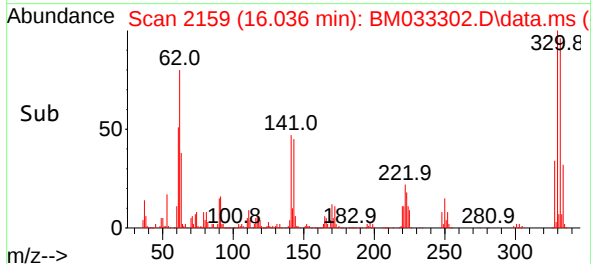
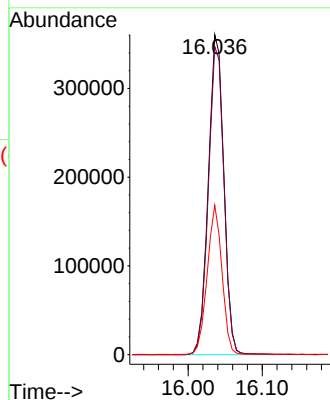
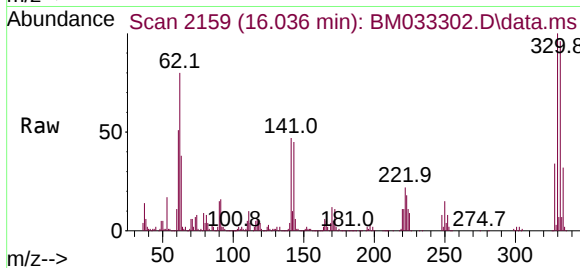




#42
2,4,6-Tribromophenol
Concen: 137.904 ng
RT: 16.036 min Scan# 2160
Delta R.T. -0.006 min
Lab File: BM033302.D
Acq: 04 Dec 2021 00:37

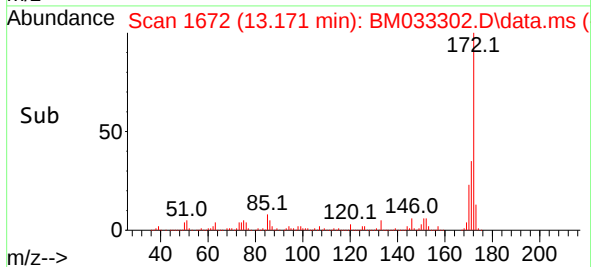
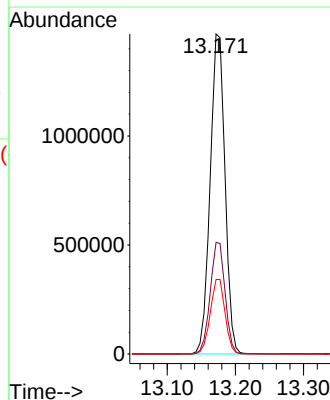
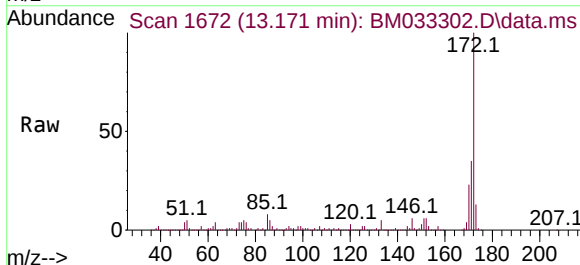
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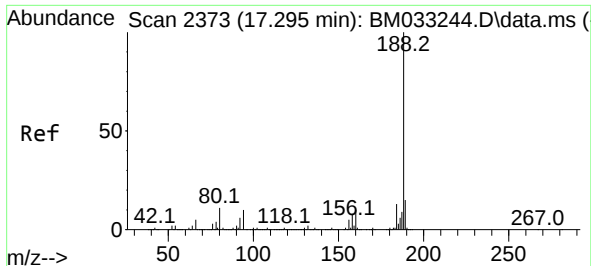
Tgt Ion:330 Resp: 524845
Ion Ratio Lower Upper
330 100
332 96.5 75.7 113.5
141 44.5 50.7 76.1#



#45
2-Fluorobiphenyl
Concen: 89.910 ng
RT: 13.171 min Scan# 1672
Delta R.T. -0.012 min
Lab File: BM033302.D
Acq: 04 Dec 2021 00:37

Tgt Ion:172 Resp: 2225794
Ion Ratio Lower Upper
172 100
171 34.9 28.1 42.1
170 23.3 18.6 27.8

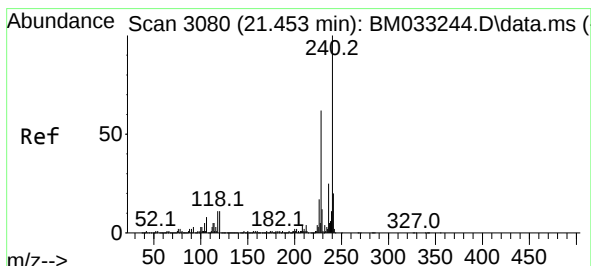
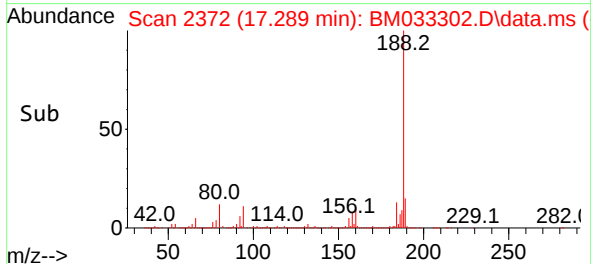
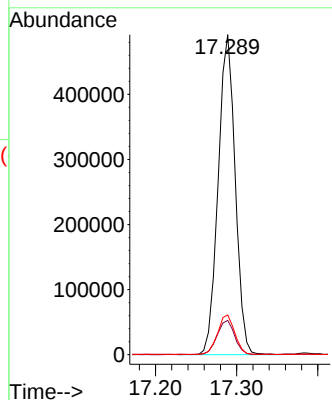
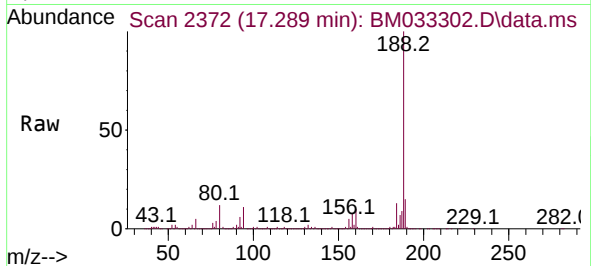




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.289 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM033302.D
Acq: 04 Dec 2021 00:37

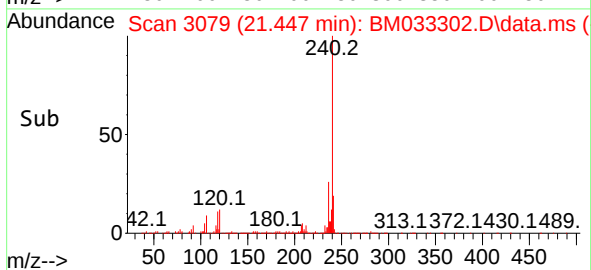
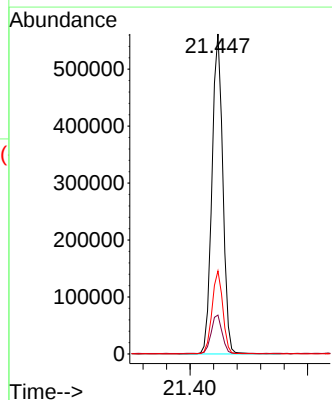
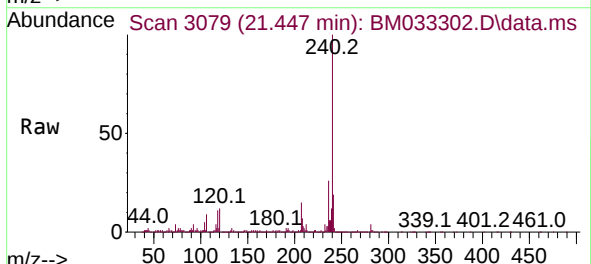
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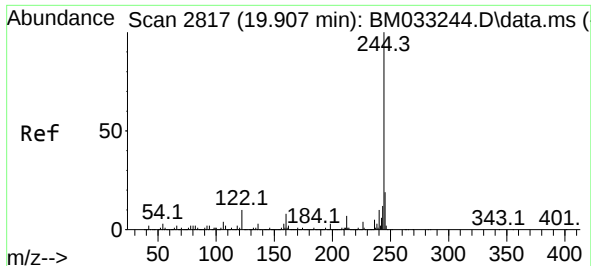
Tgt Ion:188 Resp: 718729
Ion Ratio Lower Upper
188 100
94 10.7 6.3 9.5#
80 12.4 7.3 10.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.447 min Scan# 3079
Delta R.T. -0.006 min
Lab File: BM033302.D
Acq: 04 Dec 2021 00:37

Tgt Ion:240 Resp: 717399
Ion Ratio Lower Upper
240 100
120 12.2 7.8 11.6#
236 25.9 20.9 31.3

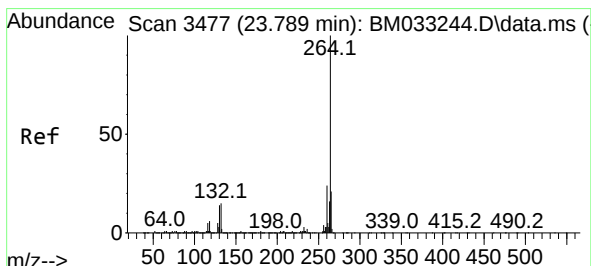
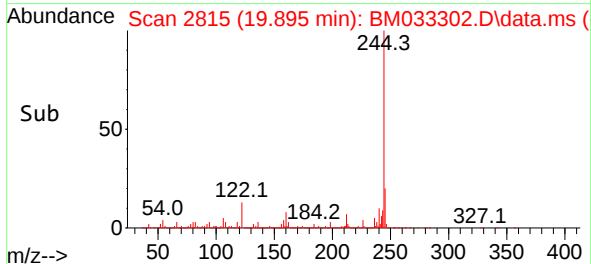
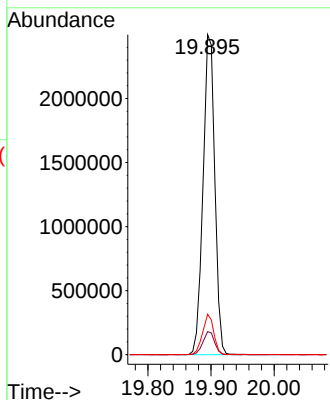
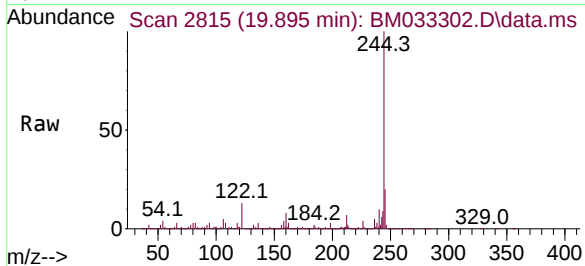




#79
 Terphenyl-d14
 Concen: 89.125 ng
 RT: 19.895 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM033302.D
 Acq: 04 Dec 2021 00:37

Instrument :
 BNA_M
 ClientSampleId :
 MW-29

Tgt Ion:244 Resp: 3233481
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.5 9.7
 122 12.7 8.7 13.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.777 min Scan# 3475
 Delta R.T. -0.012 min
 Lab File: BM033302.D
 Acq: 04 Dec 2021 00:37

Tgt Ion:264 Resp: 736101
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.3 28.9
 265 22.5 18.3 27.5

