

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110421\
 Data File : BM032875.D
 Acq On : 04 Nov 2021 15:12
 Operator : CG/JU
 Sample : M4472-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WC-2-KD

Quant Time: Nov 07 08:47:43 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)

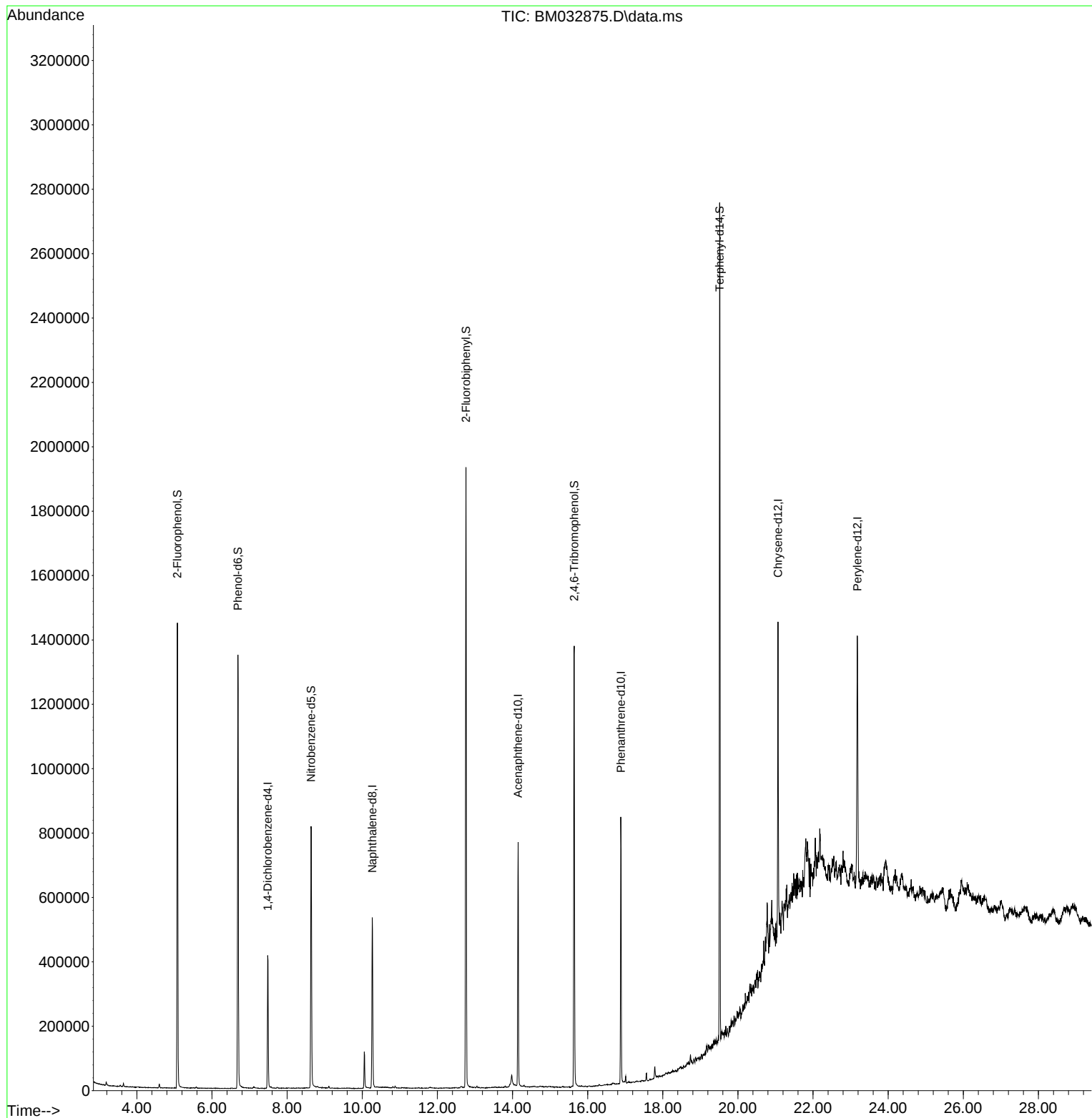
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.484	152	110658	20.000	ng	0.00
21) Naphthalene-d8	10.266	136	422902	20.000	ng	# 0.00
39) Acenaphthene-d10	14.148	164	245893	20.000	ng	0.00
64) Phenanthrene-d10	16.883	188	473661	20.000	ng	-0.01
76) Chrysene-d12	21.065	240	445942	20.000	ng	-0.01
86) Perylene-d12	23.177	264	477073	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.078	112	579487	91.297	ng	0.00
7) Phenol-d6	6.690	99	719666	76.136	ng	0.00
23) Nitrobenzene-d5	8.637	82	455057	58.894	ng	-0.01
42) 2,4,6-Tribromophenol	15.642	330	225934	82.043	ng	0.00
45) 2-Fluorobiphenyl	12.760	172	955615	60.276	ng	0.00
79) Terphenyl-d14	19.512	244	1195023	58.506	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	2.907	88	352	Below Cal	#	Qvalue 1

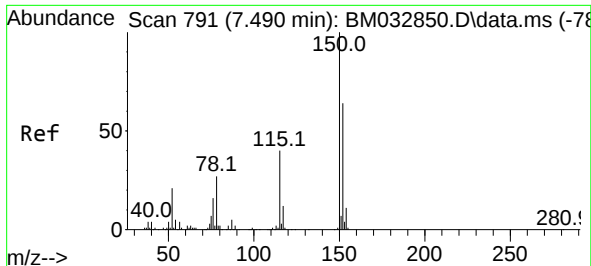
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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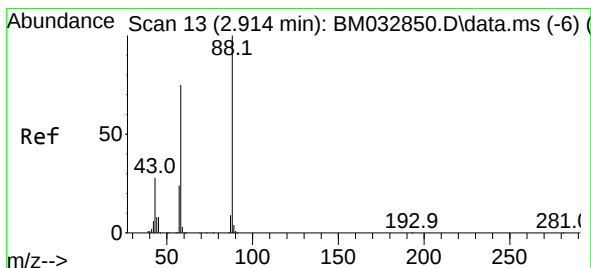
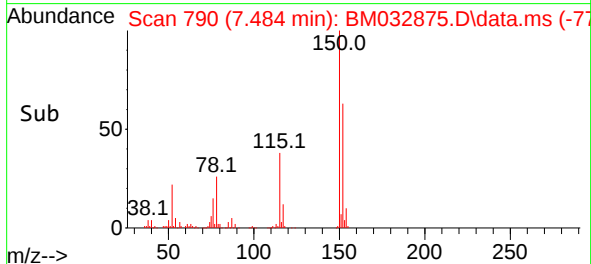
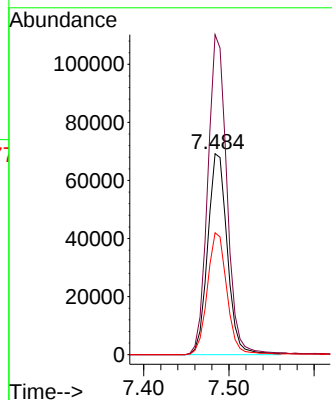
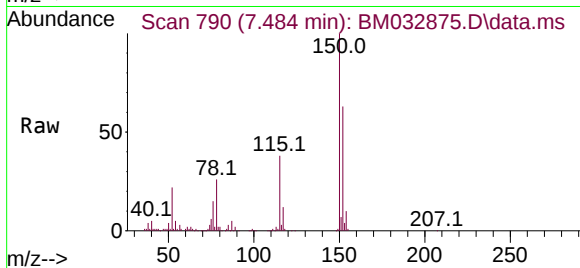




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.484 min Scan# 791
Delta R.T. -0.006 min
Lab File: BM032875.D
Acq: 04 Nov 2021 15:12

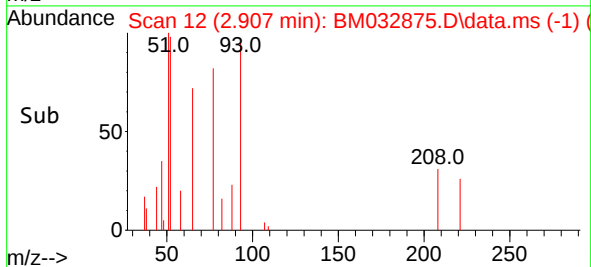
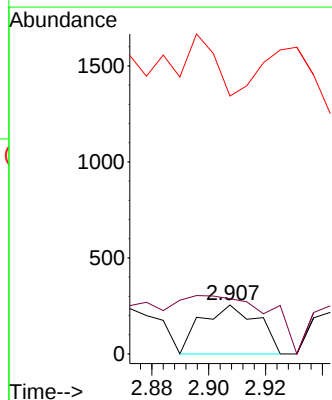
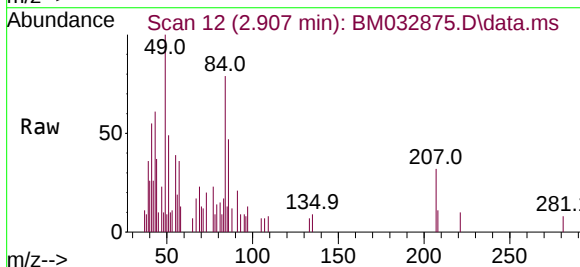
Instrument :
BNA_M
ClientSampleId :
WC-2-KD

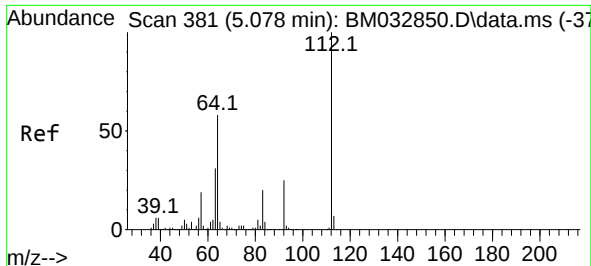
Tgt Ion:152 Resp: 110658
Ion Ratio Lower Upper
152 100
150 159.2 122.4 183.6
115 60.7 53.8 80.8



#2
1,4-Dioxane
Concen: Below Cal
RT: 2.907 min Scan# 12
Delta R.T. -0.007 min
Lab File: BM032875.D
Acq: 04 Nov 2021 15:12

Tgt Ion: 88 Resp: 352
Ion Ratio Lower Upper
88 100
58 191.2 50.4 75.6#
43 0.0 22.2 33.2#

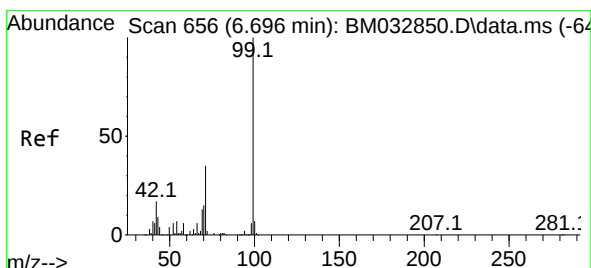
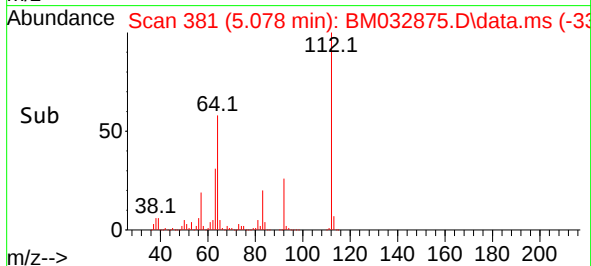
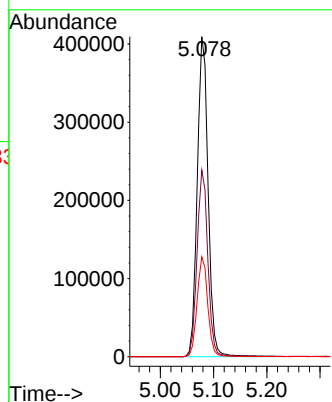
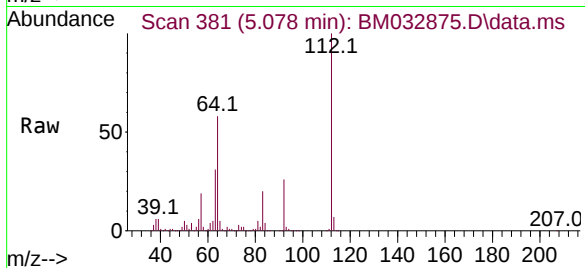




#5
2-Fluorophenol
Concen: 91.297 ng
RT: 5.078 min Scan# 381
Delta R.T. -0.000 min
Lab File: BM032875.D
Acq: 04 Nov 2021 15:12

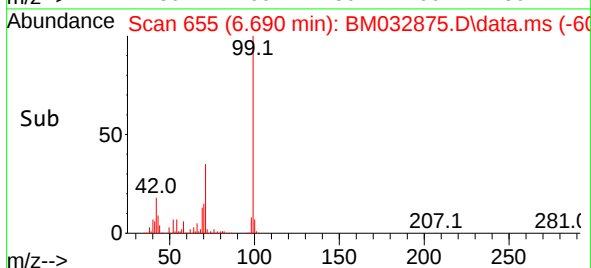
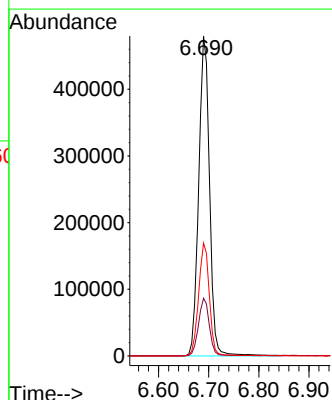
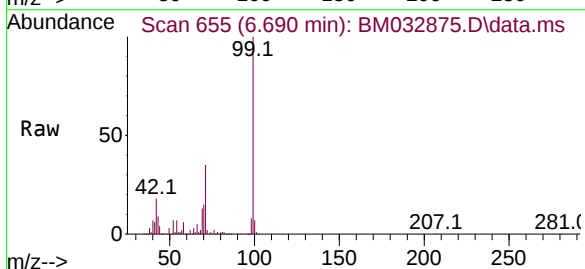
Instrument :
BNA_M
ClientSampleId :
WC-2-KD

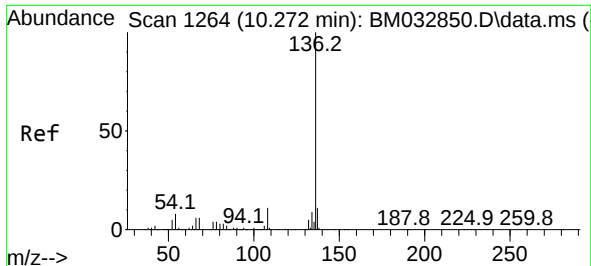
Tgt Ion:112 Resp: 579487
Ion Ratio Lower Upper
112 100
64 58.4 53.7 80.5
63 31.2 33.9 50.9#



#7
Phenol-d6
Concen: 76.136 ng
RT: 6.690 min Scan# 655
Delta R.T. -0.006 min
Lab File: BM032875.D
Acq: 04 Nov 2021 15:12

Tgt Ion: 99 Resp: 719666
Ion Ratio Lower Upper
99 100
42 18.0 23.0 34.6#
71 35.3 37.8 56.8#

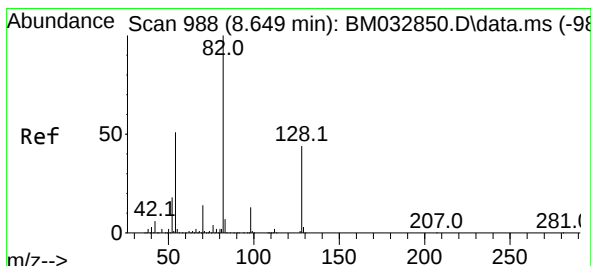
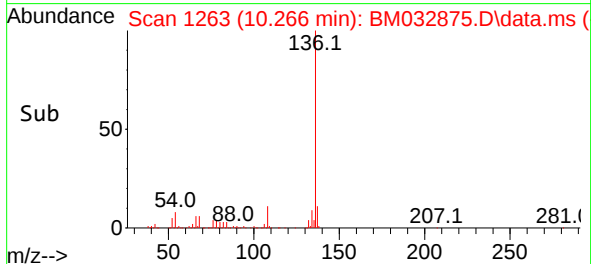
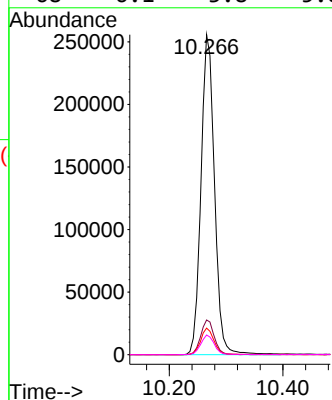
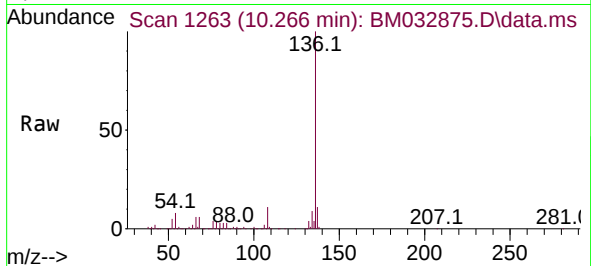




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.266 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM032875.D
Acq: 04 Nov 2021 15:12

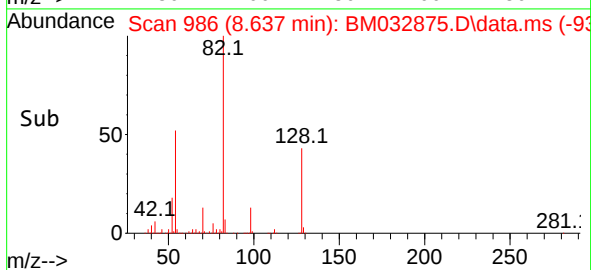
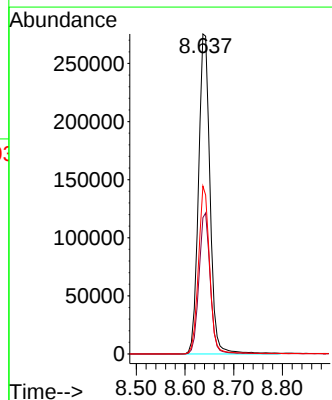
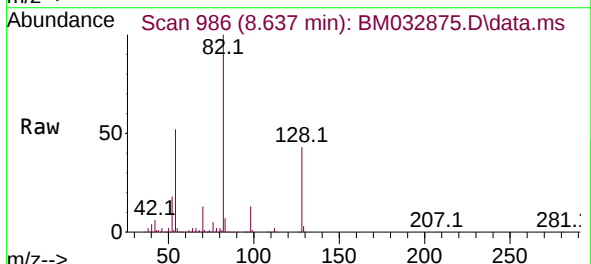
Instrument :
BNA_M
ClientSampleId :
WC-2-KD

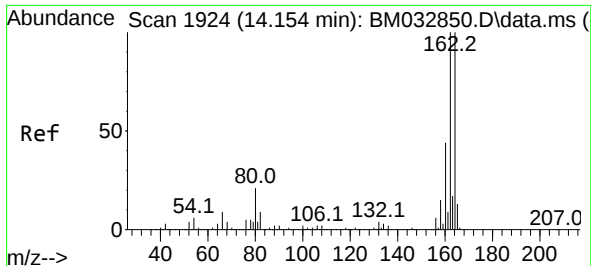
Tgt Ion:136 Resp: 422902
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 8.3 7.4 11.0
68 6.1 3.8 5.8#



#23
Nitrobenzene-d5
Concen: 58.894 ng
RT: 8.637 min Scan# 986
Delta R.T. -0.012 min
Lab File: BM032875.D
Acq: 04 Nov 2021 15:12

Tgt Ion: 82 Resp: 455057
Ion Ratio Lower Upper
82 100
128 42.6 29.0 43.6
54 52.5 45.8 68.8

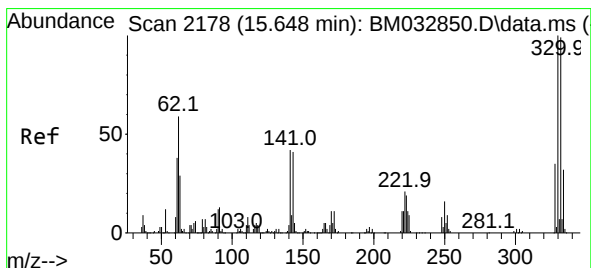
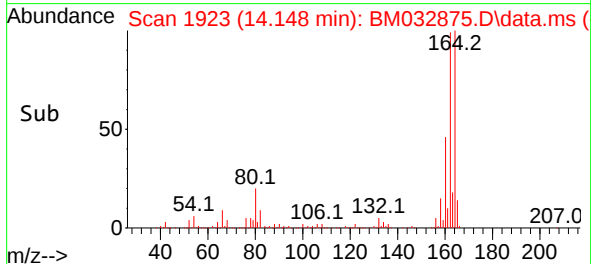
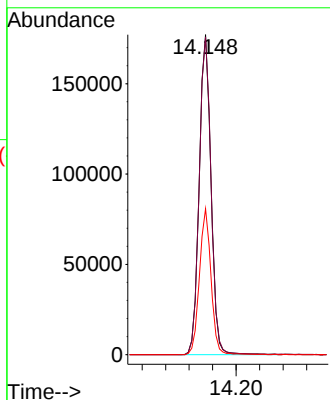
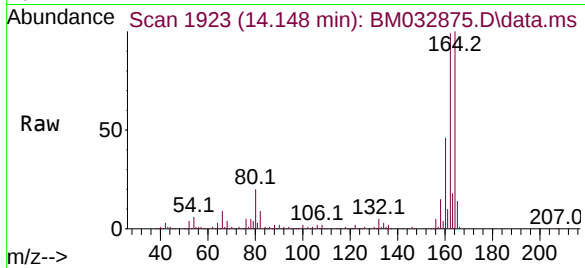




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.148 min Scan# 1923
Delta R.T. -0.006 min
Lab File: BM032875.D
Acq: 04 Nov 2021 15:12

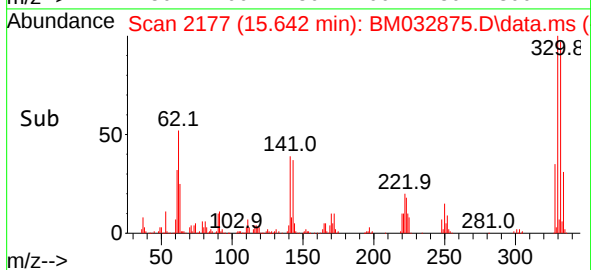
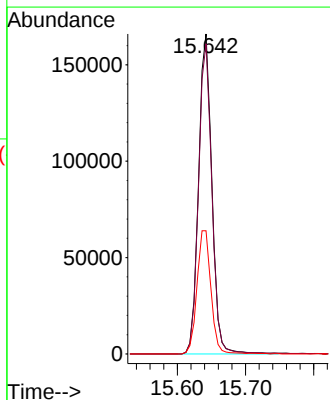
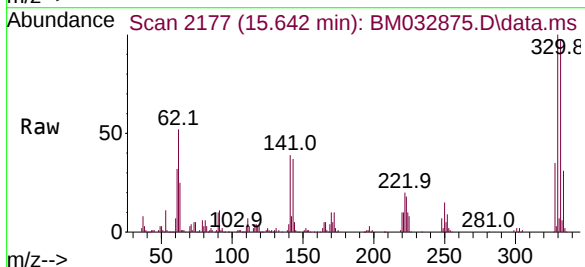
Instrument :
BNA_M
ClientSampleId :
WC-2-KD

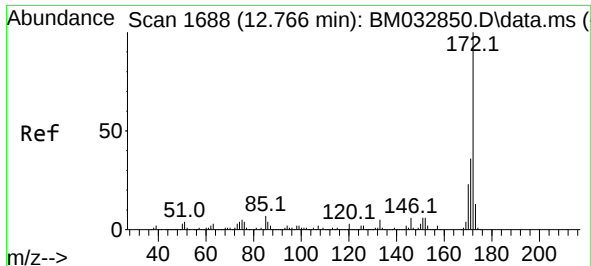
Tgt Ion:164 Resp: 245893
Ion Ratio Lower Upper
164 100
162 99.3 80.6 121.0
160 45.6 35.1 52.7



#42
2,4,6-Tribromophenol
Concen: 82.043 ng
RT: 15.642 min Scan# 2177
Delta R.T. -0.006 min
Lab File: BM032875.D
Acq: 04 Nov 2021 15:12

Tgt Ion:330 Resp: 225934
Ion Ratio Lower Upper
330 100
332 97.2 75.7 113.5
141 40.5 50.7 76.1#

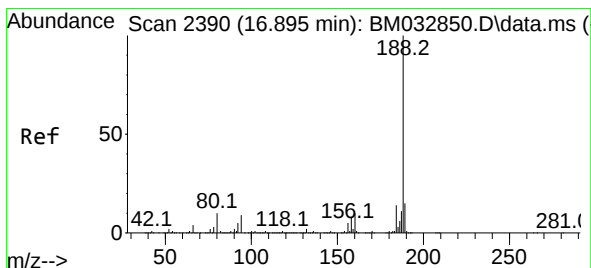
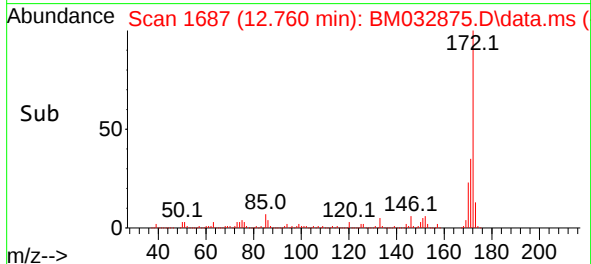
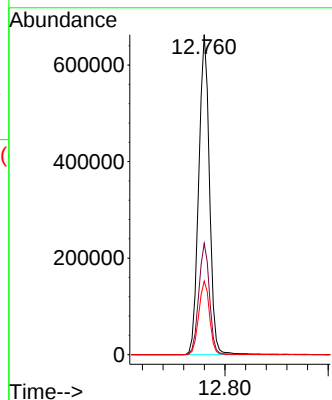
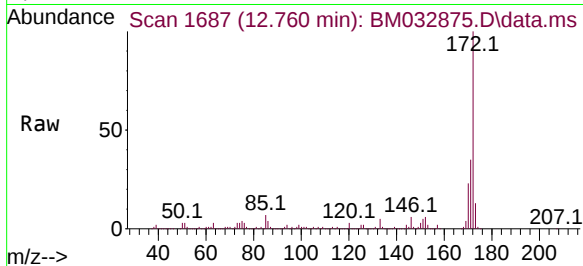




#45
2-Fluorobiphenyl
Concen: 60.276 ng
RT: 12.760 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM032875.D
Acq: 04 Nov 2021 15:12

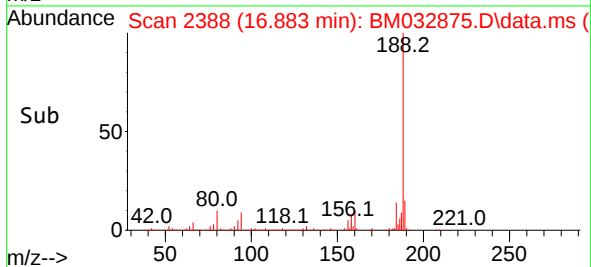
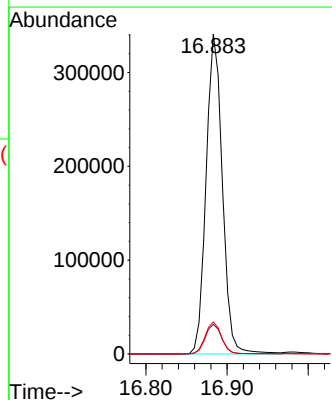
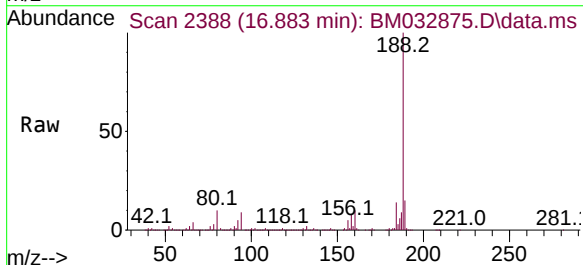
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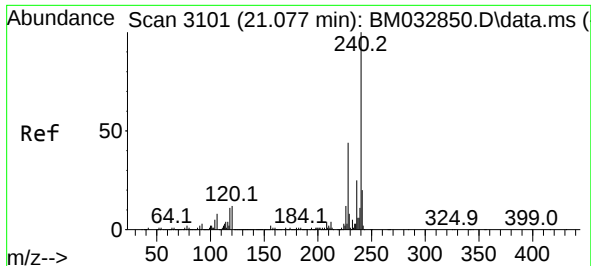
Tgt Ion:172 Resp: 955615
Ion Ratio Lower Upper
172 100
171 34.8 28.1 42.1
170 23.0 18.6 27.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.883 min Scan# 2388
Delta R.T. -0.012 min
Lab File: BM032875.D
Acq: 04 Nov 2021 15:12

Tgt Ion:188 Resp: 473661
Ion Ratio Lower Upper
188 100
94 9.3 6.3 9.5
80 10.0 7.3 10.9

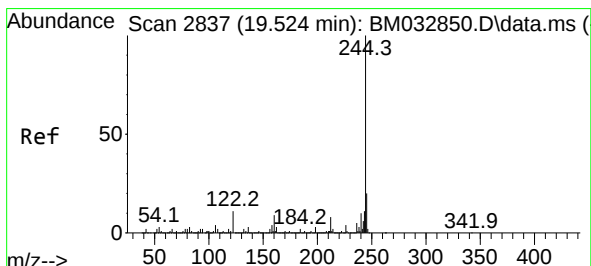
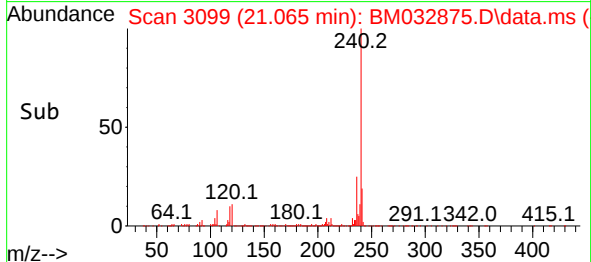
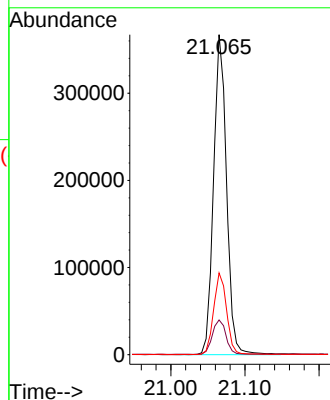
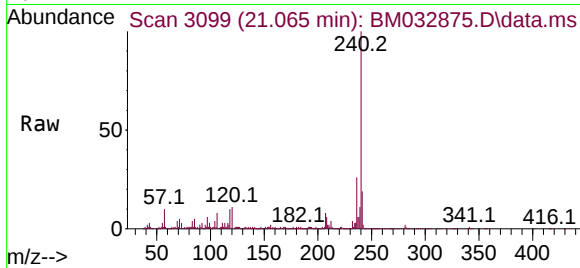




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.065 min Scan# 3099
Delta R.T. -0.012 min
Lab File: BM032875.D
Acq: 04 Nov 2021 15:12

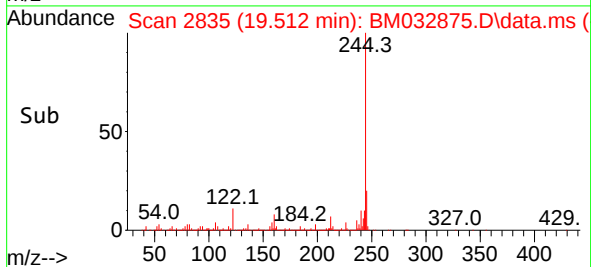
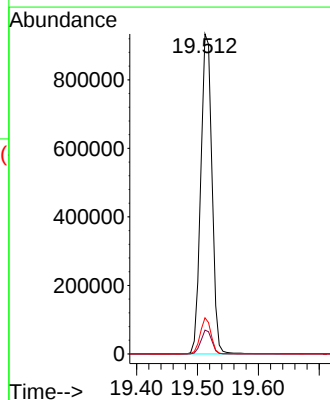
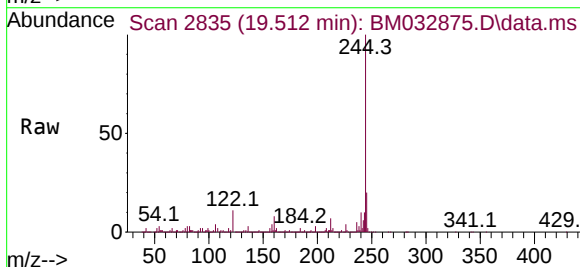
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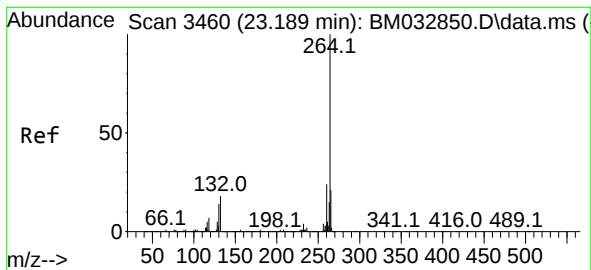
Tgt Ion:240 Resp: 445942
Ion Ratio Lower Upper
240 100
120 10.8 7.8 11.6
236 25.5 20.9 31.3



#79
Terphenyl-d14
Concen: 58.506 ng
RT: 19.512 min Scan# 2835
Delta R.T. -0.012 min
Lab File: BM032875.D
Acq: 04 Nov 2021 15:12

Tgt Ion:244 Resp: 1195023
Ion Ratio Lower Upper
244 100
212 7.5 6.5 9.7
122 11.3 8.7 13.1





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.177 min Scan# 34
Delta R.T. -0.012 min
Lab File: BM032875.D
Acq: 04 Nov 2021 15:12

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:264 Resp: 477073

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.3	28.9
265	22.1	18.3	27.5

