

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062222\
 Data File : BM035615.D
 Acq On : 23 Jun 2022 00:08
 Operator : CG/JU
 Sample : N3422-08
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WC-14A-1A-13

Quant Time: Jun 23 07:38:01 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM061022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 23 07:33:33 2022
 Response via : Initial Calibration

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

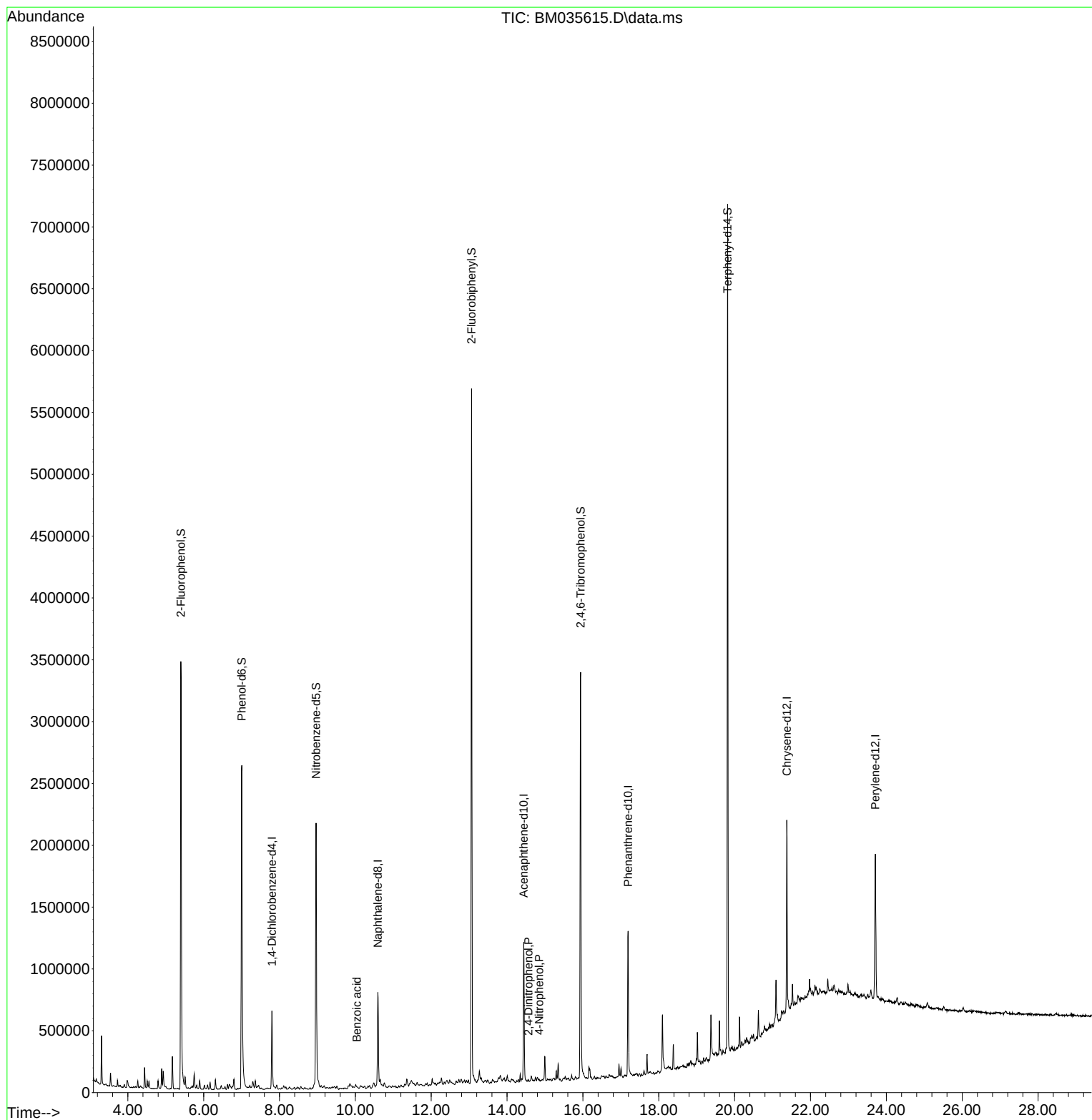
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	184782	20.000	ng	0.00
21) Naphthalene-d8	10.592	136	715169	20.000	ng	# 0.00
39) Acenaphthene-d10	14.439	164	396926	20.000	ng	0.00
64) Phenanthrene-d10	17.192	188	756210	20.000	ng	0.00
76) Chrysene-d12	21.374	240	739261	20.000	ng	0.00
86) Perylene-d12	23.709	264	860223	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	1687460	154.862	ng	0.00
7) Phenol-d6	7.004	99	1890772	125.216	ng	0.00
23) Nitrobenzene-d5	8.963	82	1321811	100.440	ng	0.00
42) 2,4,6-Tribromophenol	15.939	330	690066	163.294	ng	0.00
45) 2-Fluorobiphenyl	13.063	172	2899843	104.371	ng	0.00
79) Terphenyl-d14	19.815	244	3192182	82.447	ng	0.00
Target Compounds						
32) Benzoic acid	10.039	122	2077	4.865	ng	Qvalue 98
54) 2,4-Dinitrophenol	14.562	184	56	6.792	ng	# 1
56) 4-Nitrophenol	14.845	139	1572	5.924	ng	95

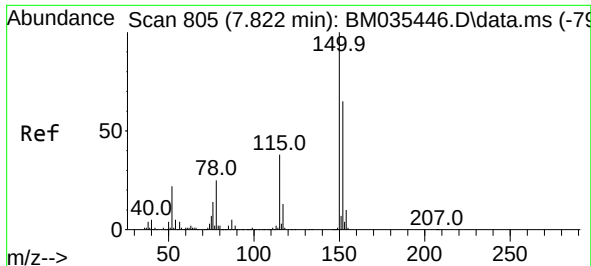
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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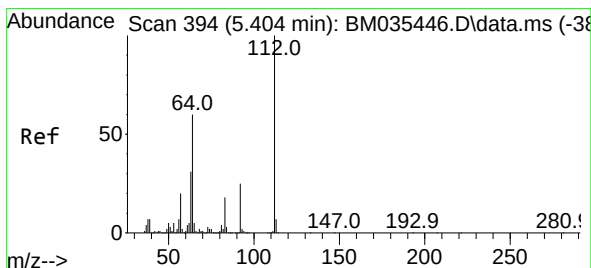
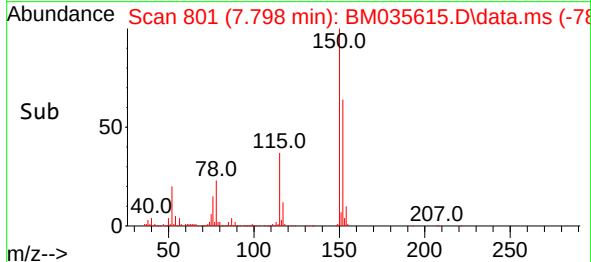
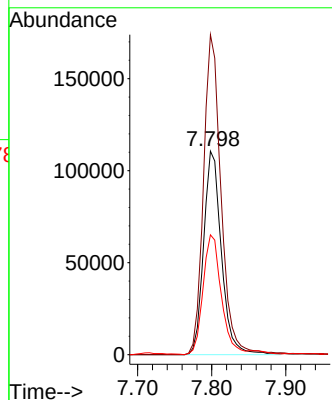
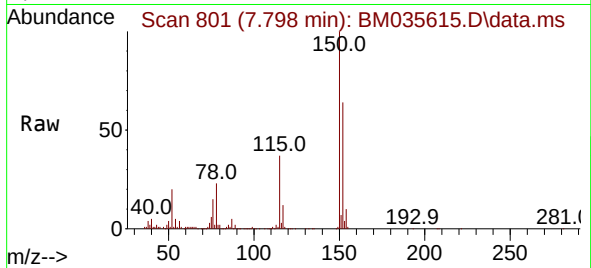




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.798 min Scan# 805
Delta R.T. 0.000 min
Lab File: BM035615.D
Acq: 23 Jun 2022 00:08

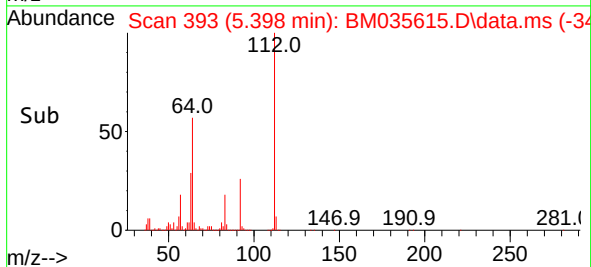
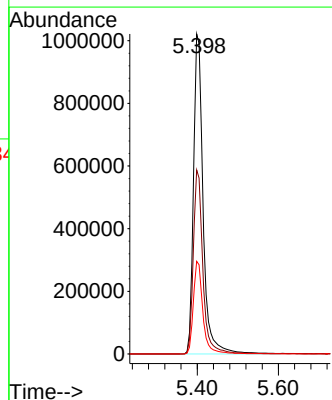
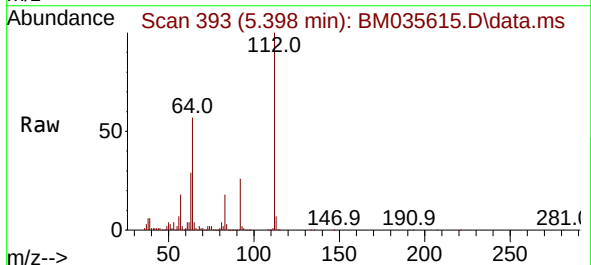
Instrument :
BNA_M
ClientSampleId :
WC-14A-1A-13

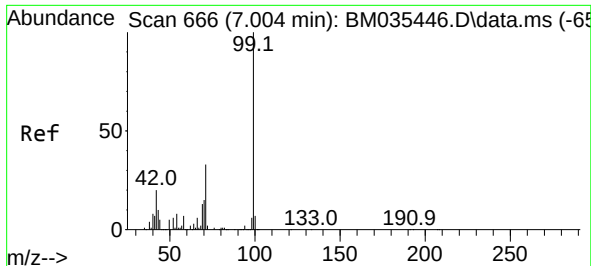
Tgt Ion:152 Resp: 184782
Ion Ratio Lower Upper
152 100
150 157.2 124.9 187.3
115 58.9 47.9 71.9



#5
2-Fluorophenol
Concen: 154.862 ng
RT: 5.398 min Scan# 393
Delta R.T. -0.006 min
Lab File: BM035615.D
Acq: 23 Jun 2022 00:08

Tgt Ion:112 Resp: 1687460
Ion Ratio Lower Upper
112 100
64 57.5 47.8 71.6
63 28.9 26.6 40.0

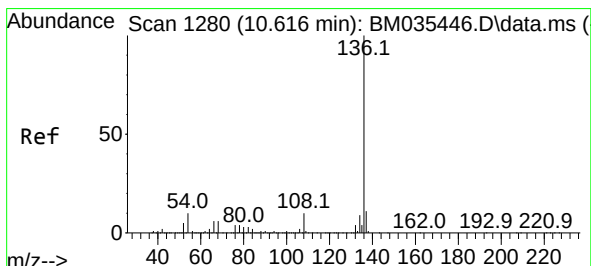
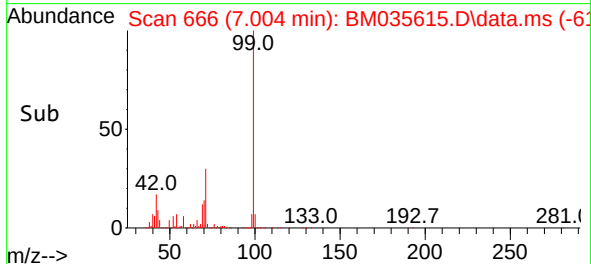
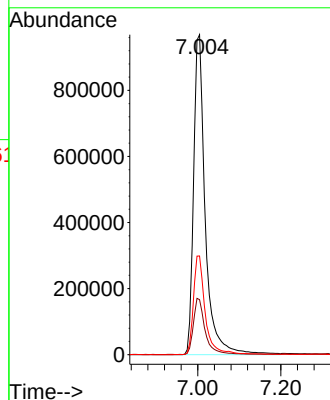
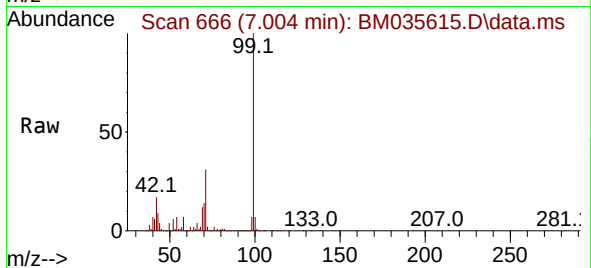




#7
Phenol-d6
Concen: 125.216 ng
RT: 7.004 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM035615.D
Acq: 23 Jun 2022 00:08

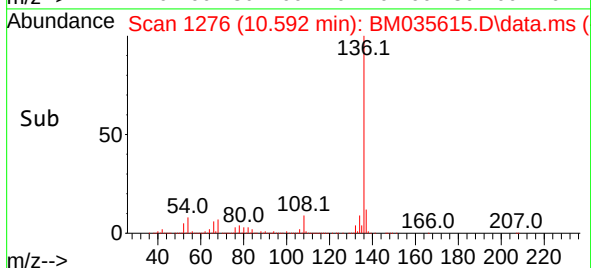
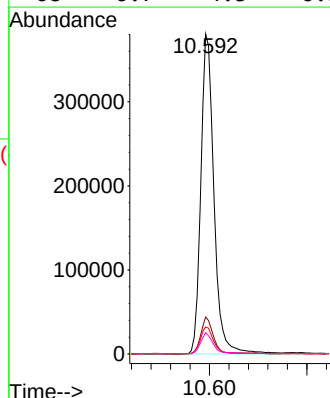
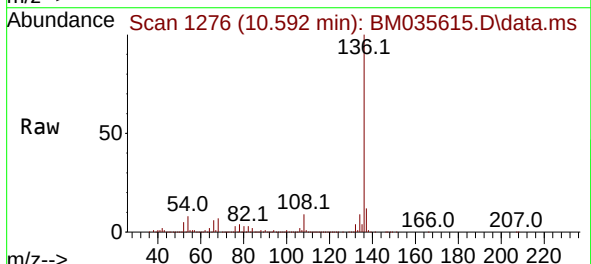
Instrument :
BNA_M
ClientSampleId :
WC-14A-1A-13

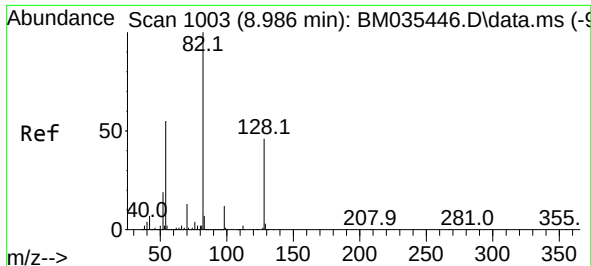
Tgt Ion: 99 Resp: 1890772
Ion Ratio Lower Upper
99 100
42 17.2 18.8 28.2#
71 30.9 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.592 min Scan# 1276
Delta R.T. -0.006 min
Lab File: BM035615.D
Acq: 23 Jun 2022 00:08

Tgt Ion:136 Resp: 715169
Ion Ratio Lower Upper
136 100
137 11.5 8.9 13.3
54 8.5 7.0 10.4
68 6.7 4.3 6.5#

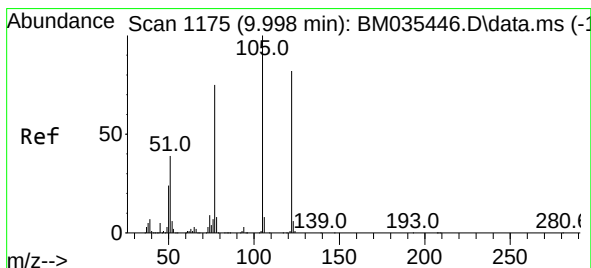
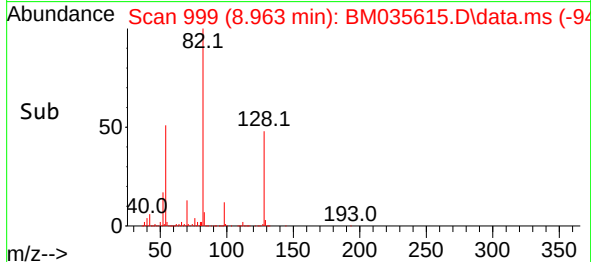
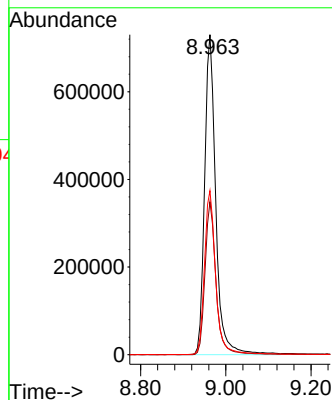
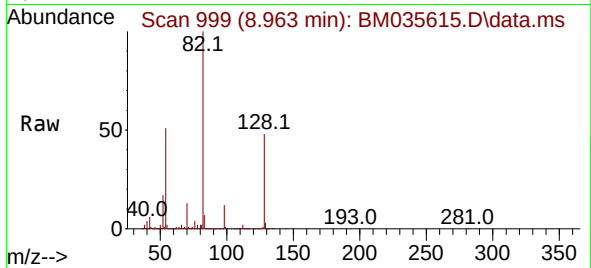




#23
Nitrobenzene-d5
Concen: 100.440 ng
RT: 8.963 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM035615.D
Acq: 23 Jun 2022 00:08

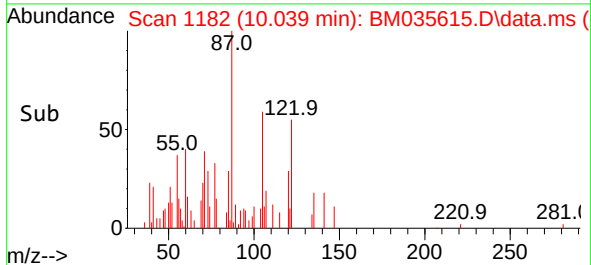
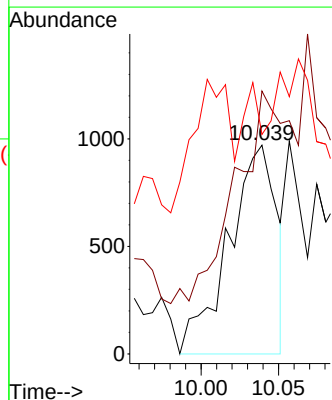
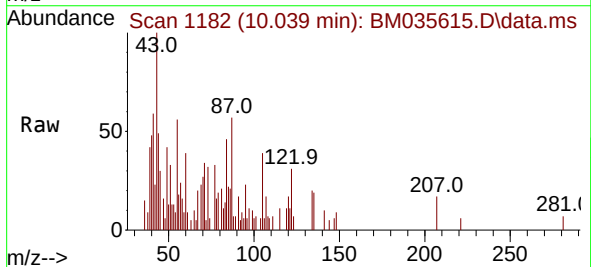
Instrument :
BNA_M
ClientSampleId :
WC-14A-1A-13

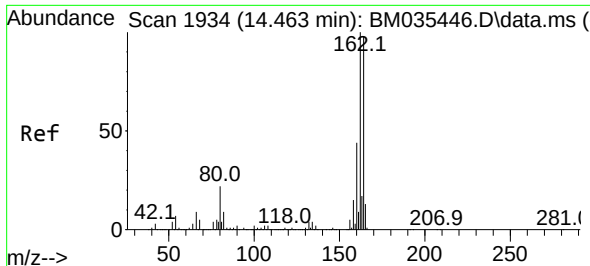
Tgt Ion: 82 Resp: 1321811
Ion Ratio Lower Upper
82 100
128 47.8 33.7 50.5
54 51.2 43.2 64.8



#32
Benzoic acid
Concen: 4.865 ng
RT: 10.039 min Scan# 1182
Delta R.T. 0.035 min
Lab File: BM035615.D
Acq: 23 Jun 2022 00:08

Tgt Ion:122 Resp: 2077
Ion Ratio Lower Upper
122 100
105 125.8 105.7 145.7
77 105.1 80.0 120.0

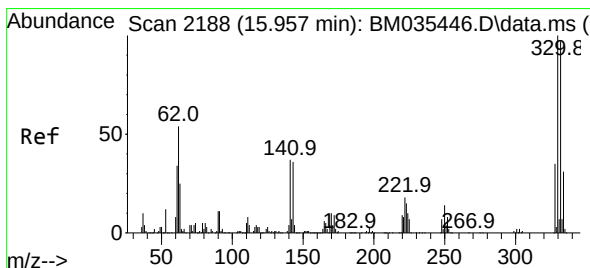
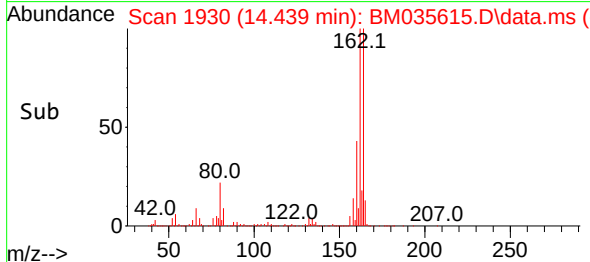
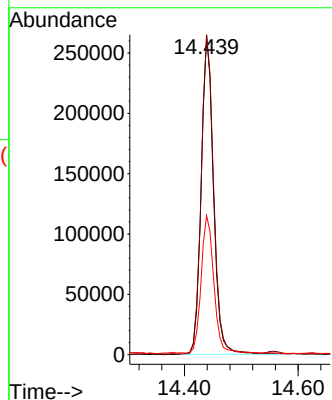
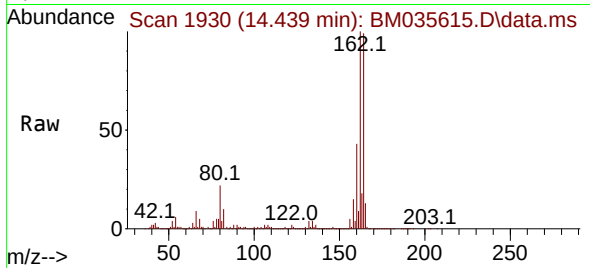




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.439 min Scan# 1930
Delta R.T. -0.006 min
Lab File: BM035615.D
Acq: 23 Jun 2022 00:08

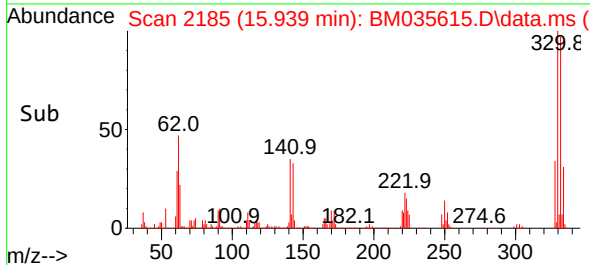
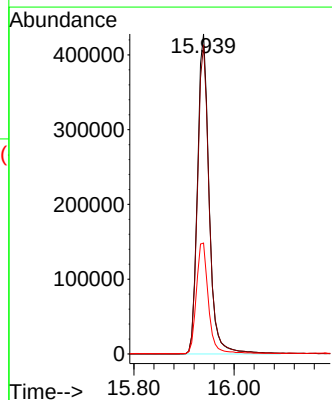
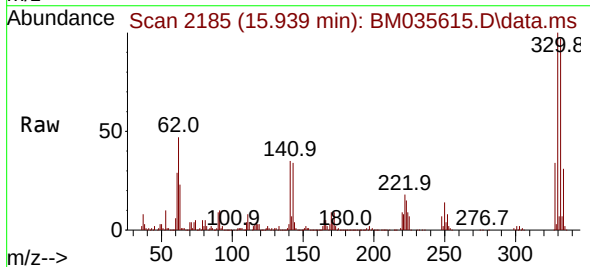
Instrument :
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ClientSampleId :
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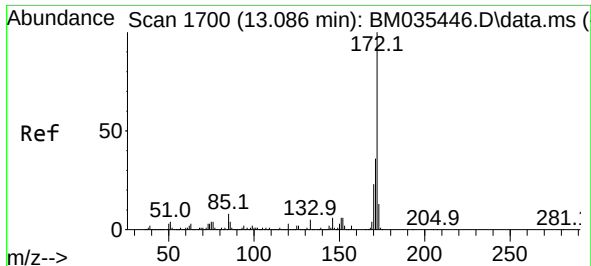
Tgt Ion:164 Resp: 396926
Ion Ratio Lower Upper
164 100
162 100.5 83.0 124.6
160 43.7 37.0 55.4



#42
2,4,6-Tribromophenol
Concen: 163.294 ng
RT: 15.939 min Scan# 2185
Delta R.T. 0.000 min
Lab File: BM035615.D
Acq: 23 Jun 2022 00:08

Tgt Ion:330 Resp: 690066
Ion Ratio Lower Upper
330 100
332 97.1 77.0 115.4
141 35.7 35.3 52.9

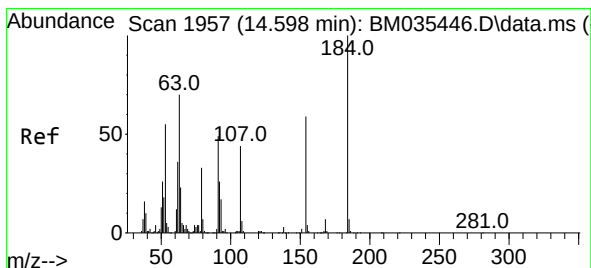
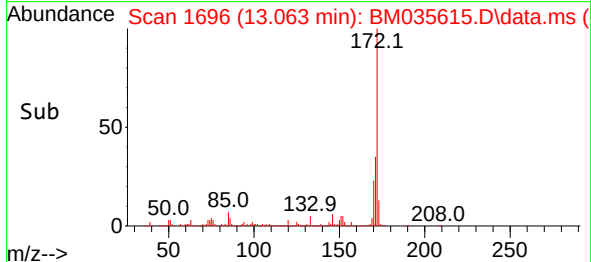
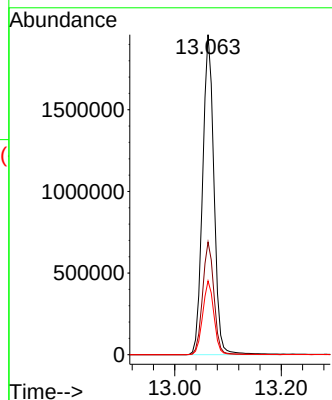
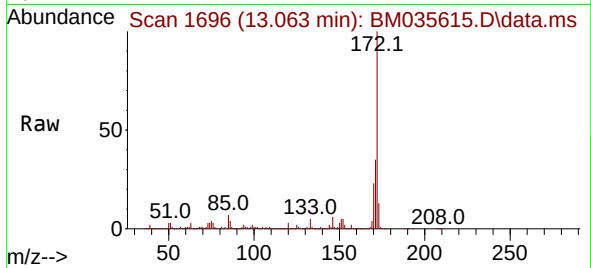




#45
2-Fluorobiphenyl
Concen: 104.371 ng
RT: 13.063 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM035615.D
Acq: 23 Jun 2022 00:08

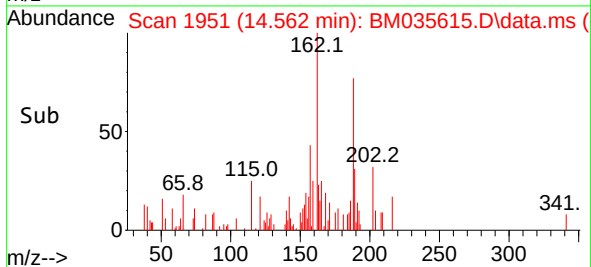
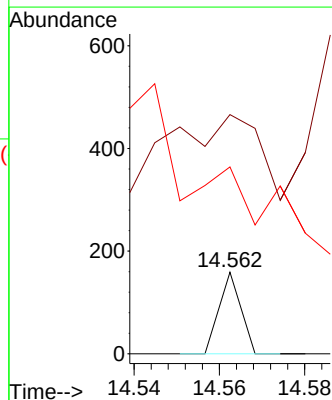
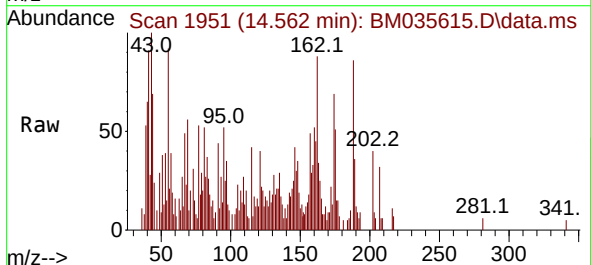
Instrument :
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ClientSampleId :
WC-14A-1A-13

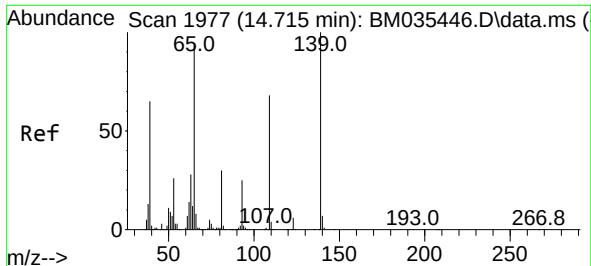
Tgt Ion:172 Resp: 2899843
Ion Ratio Lower Upper
172 100
171 35.2 28.5 42.7
170 23.1 18.7 28.1



#54
2,4-Dinitrophenol
Concen: 6.792 ng
RT: 14.562 min Scan# 1951
Delta R.T. -0.029 min
Lab File: BM035615.D
Acq: 23 Jun 2022 00:08

Tgt Ion:184 Resp: 56
Ion Ratio Lower Upper
184 100
63 293.1 59.5 89.3#
154 228.9 55.6 83.4#

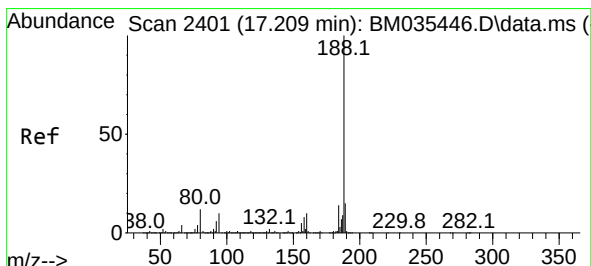
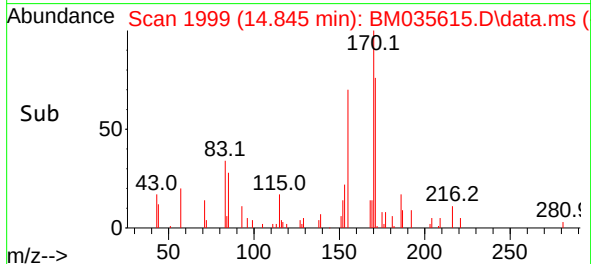
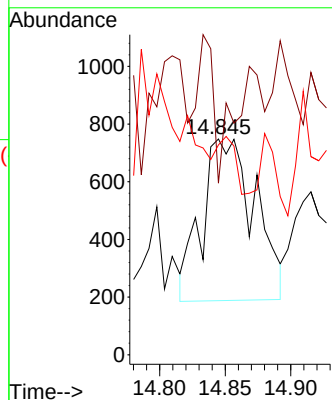
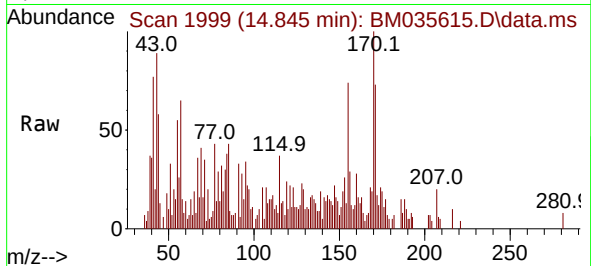




#56
4-Nitrophenol
Concen: 5.924 ng
RT: 14.845 min Scan# 1977
Delta R.T. 0.094 min
Lab File: BM035615.D
Acq: 23 Jun 2022 00:08

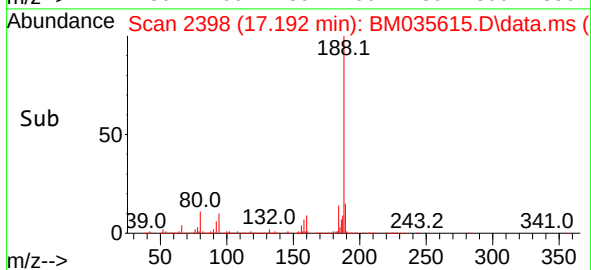
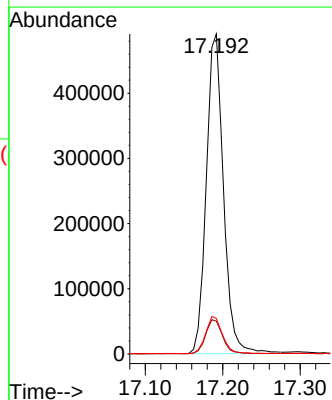
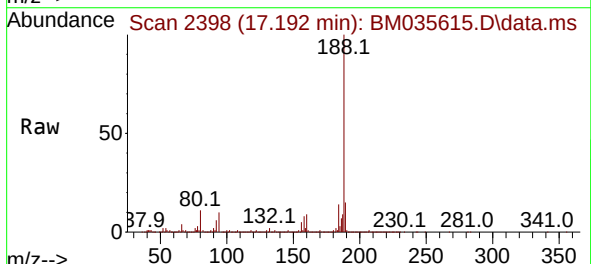
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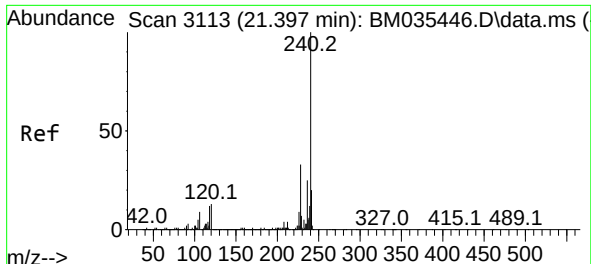
Tgt Ion:139 Resp: 1572
Ion Ratio Lower Upper
139 100
109 79.5 62.5 102.5
65 97.3 83.5 123.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.192 min Scan# 2398
Delta R.T. 0.000 min
Lab File: BM035615.D
Acq: 23 Jun 2022 00:08

Tgt Ion:188 Resp: 756210
Ion Ratio Lower Upper
188 100
94 10.2 7.0 10.4
80 11.1 7.6 11.4

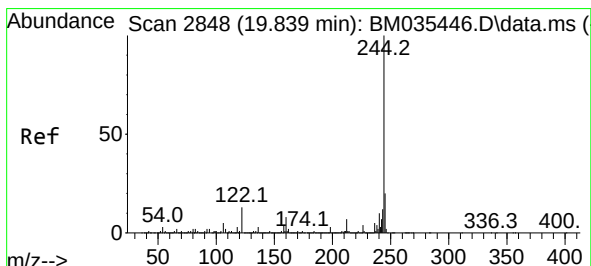
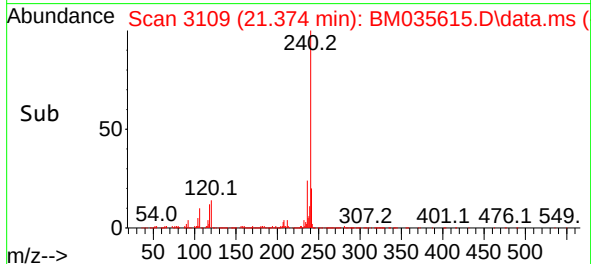
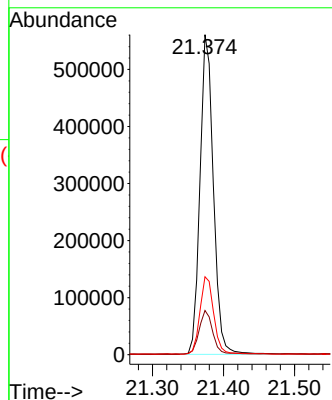
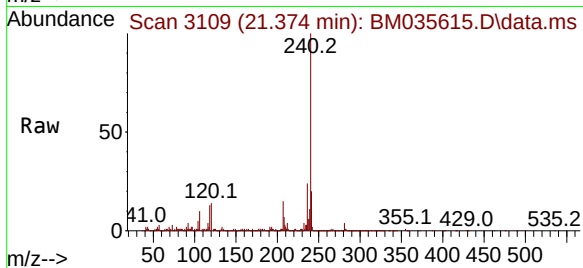




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.374 min Scan# 3113
Delta R.T. -0.006 min
Lab File: BM035615.D
Acq: 23 Jun 2022 00:08

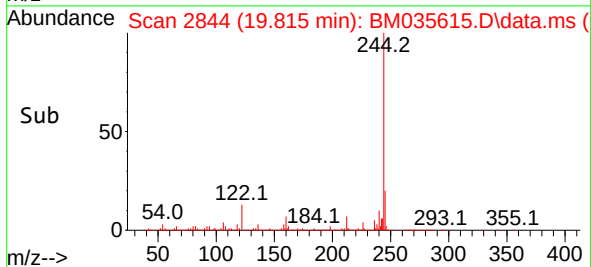
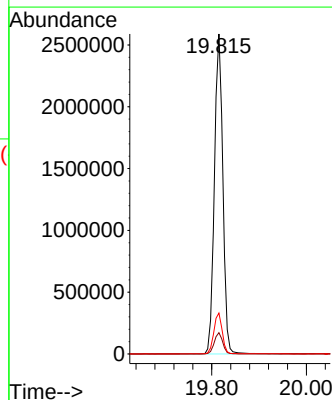
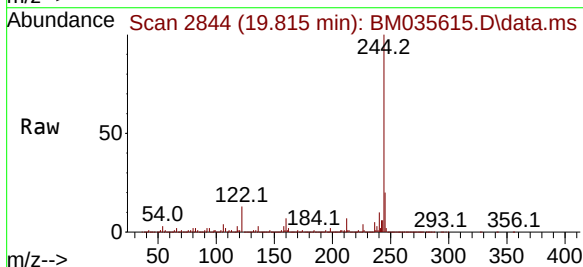
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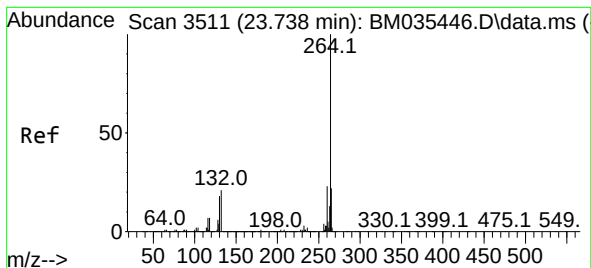
Tgt Ion:240 Resp: 739261
Ion Ratio Lower Upper
240 100
120 13.8 9.4 14.0
236 24.3 20.6 30.8



#79
Terphenyl-d14
Concen: 82.447 ng
RT: 19.815 min Scan# 2844
Delta R.T. -0.006 min
Lab File: BM035615.D
Acq: 23 Jun 2022 00:08

Tgt Ion:244 Resp: 3192182
Ion Ratio Lower Upper
244 100
212 6.7 6.2 9.4
122 12.8 8.3 12.5#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.709 min Scan# 3

Delta R.T. -0.006 min

Lab File: BM035615.D

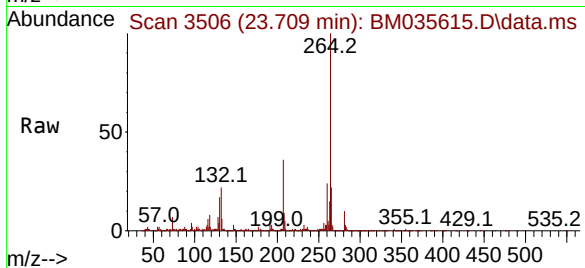
Acq: 23 Jun 2022 00:08

Instrument :

BNA_M

ClientSampleId :

WC-14A-1A-13



Tgt Ion:264 Resp: 860223

Ion Ratio Lower Upper

264 100

260 23.6 18.9 28.3

265 22.5 17.5 26.3

