

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103123\
 Data File : BM042530.D
 Acq On : 01 Nov 2023 02:49
 Operator : MA/JU
 Sample : 04740-01RE
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RW4RE

Quant Time: Nov 01 04:51:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 02:55:18 2023
 Response via : Initial Calibration

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

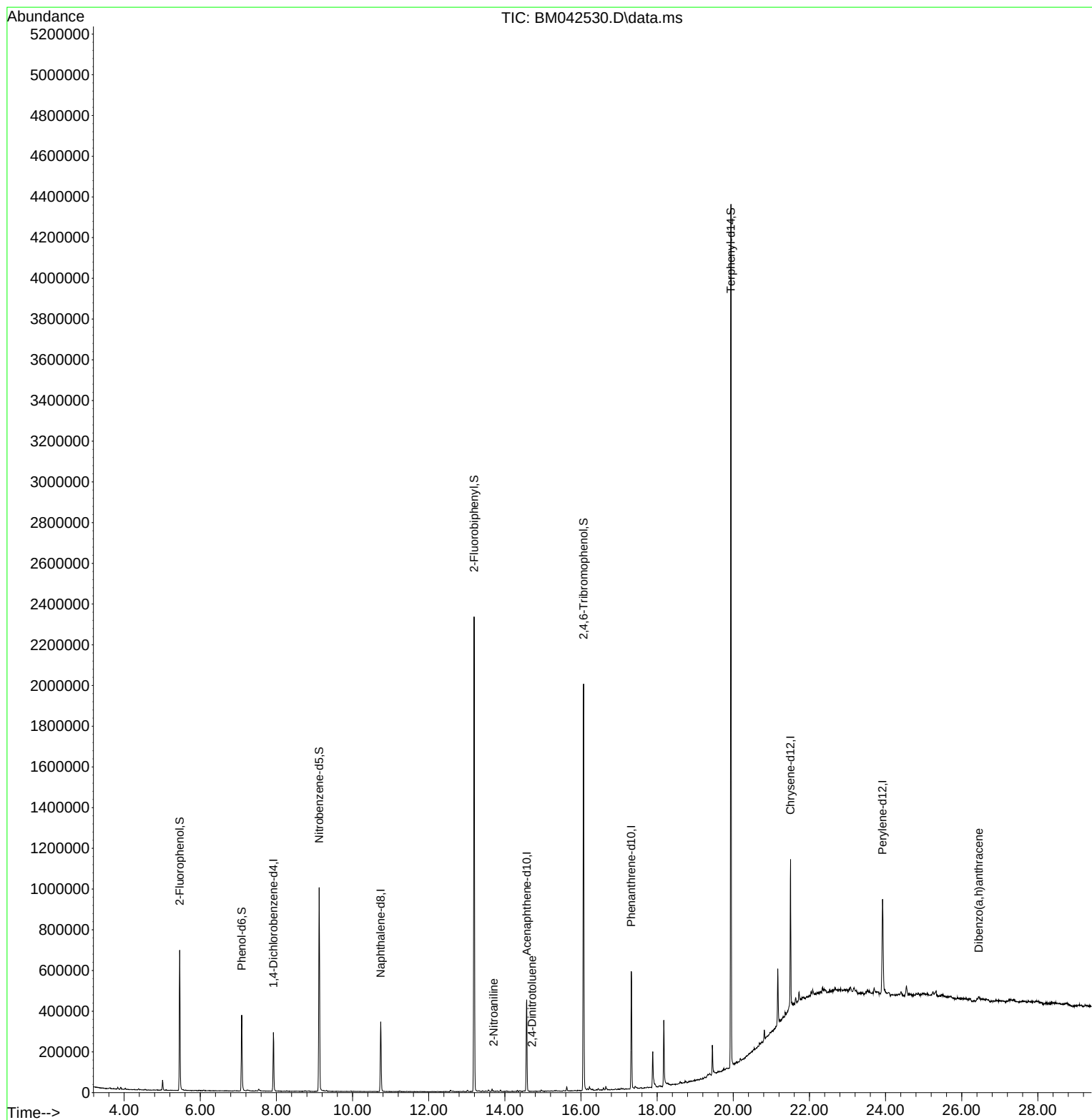
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	67455	20.000	ng	0.00
21) Naphthalene-d8	10.739	136	247106	20.000	ng	-0.01
39) Acenaphthene-d10	14.574	164	143651	20.000	ng	0.00
64) Phenanthrene-d10	17.321	188	313266	20.000	ng	0.00
76) Chrysene-d12	21.503	240	321519	20.000	ng	0.00
86) Perylene-d12	23.921	264	360973	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	254834	60.970	ng	0.00
7) Phenol-d6	7.087	99	187711	32.746	ng	-0.01
23) Nitrobenzene-d5	9.122	82	534451	100.824	ng	-0.01
42) 2,4,6-Tribromophenol	16.068	330	316707	168.867	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	1062202	99.498	ng	0.00
79) Terphenyl-d14	19.939	244	1786820	94.232	ng	0.00
Target Compounds						
						Qvalue
48) 2-Nitroaniline	13.704	65	134	4.388	ng	# 13
57) 2,4-Dinitrotoluene	14.710	165	61	3.988	ng	# 5
91) Dibenzo(a,h)anthracene	26.450	278	981	4.183	ng	# 1

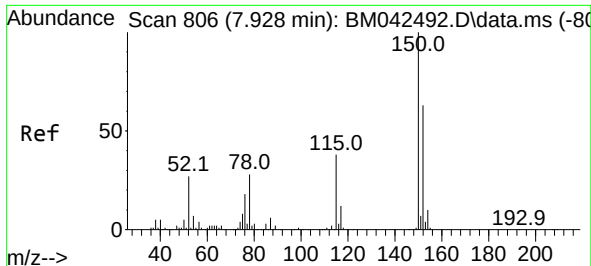
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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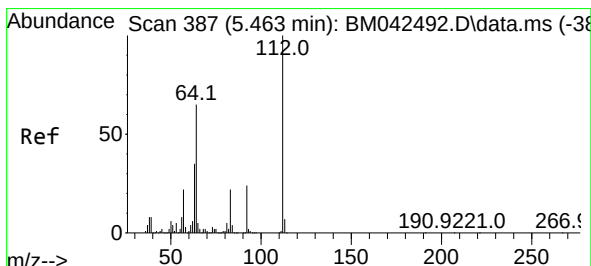
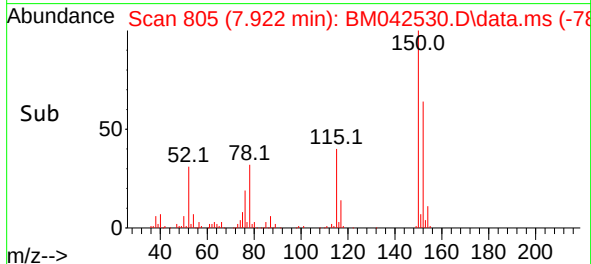
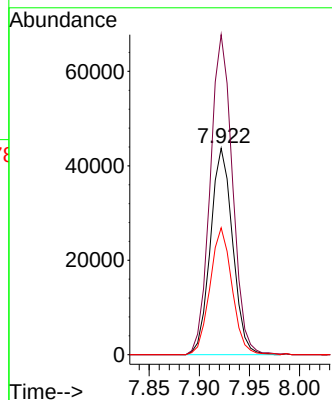
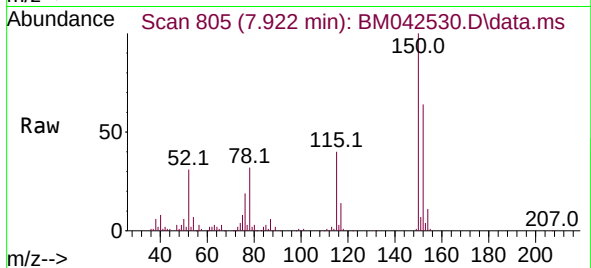




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.922 min Scan# 806
Delta R.T. -0.006 min
Lab File: BM042530.D
Acq: 01 Nov 2023 02:49

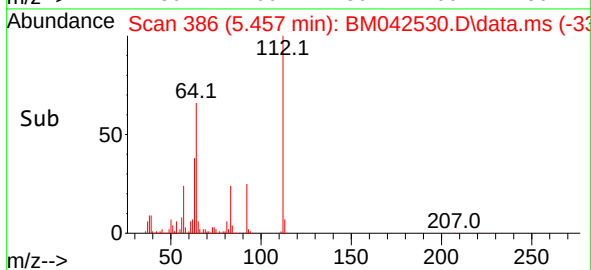
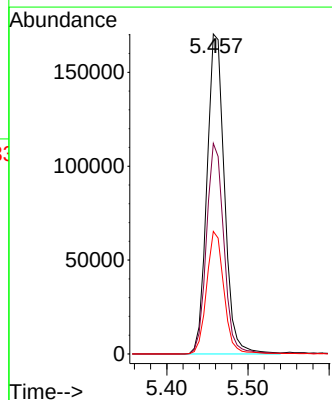
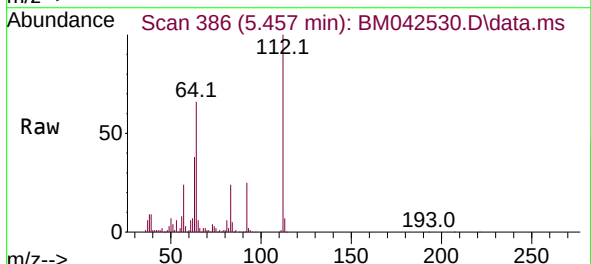
Instrument :
BNA_M
ClientSampleId :
RW4RE

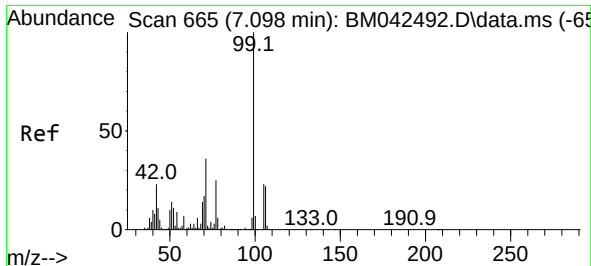
Tgt Ion:152 Resp: 67455
Ion Ratio Lower Upper
152 100
150 155.1 127.4 191.0
115 61.5 47.9 71.9



#5
2-Fluorophenol
Concen: 60.970 ng
RT: 5.457 min Scan# 386
Delta R.T. -0.006 min
Lab File: BM042530.D
Acq: 01 Nov 2023 02:49

Tgt Ion:112 Resp: 254834
Ion Ratio Lower Upper
112 100
64 65.8 52.1 78.1
63 38.3 28.3 42.5

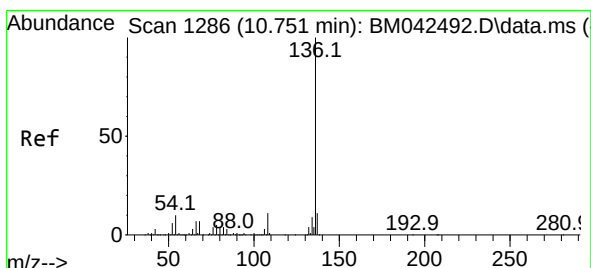
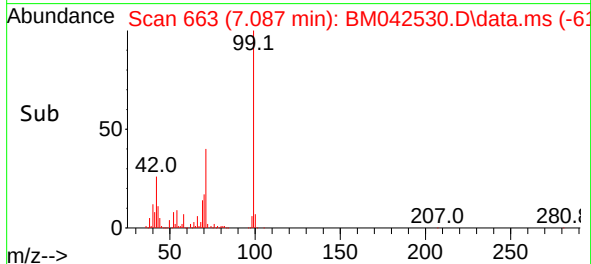
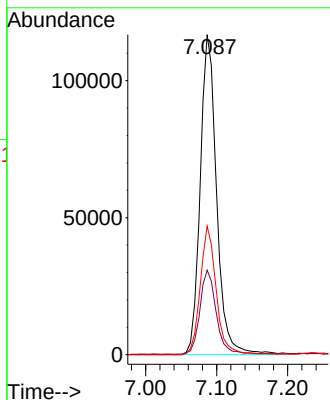
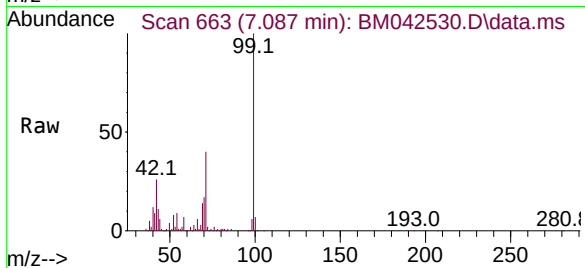




#7
Phenol-d6
Concen: 32.746 ng
RT: 7.087 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM042530.D
Acq: 01 Nov 2023 02:49

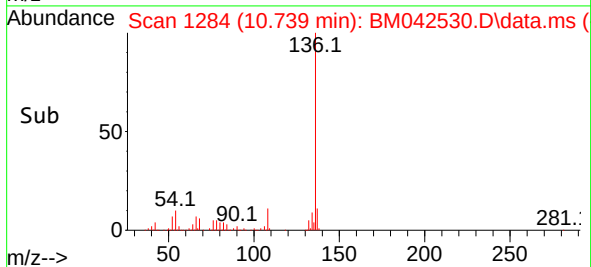
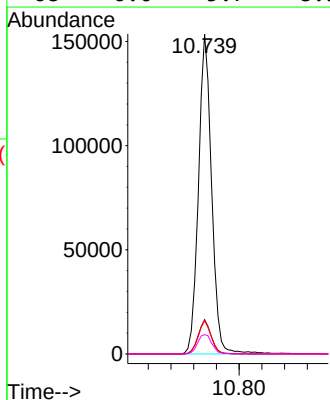
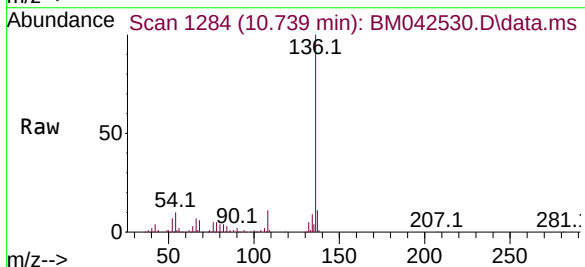
Instrument :
BNA_M
ClientSampleId :
RW4RE

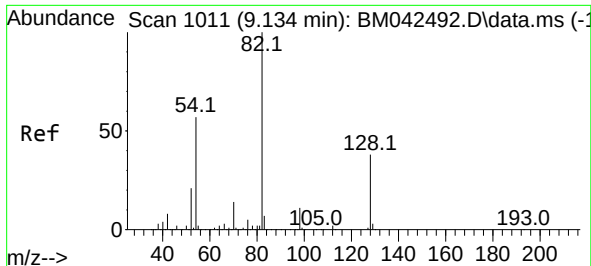
Tgt Ion: 99 Resp: 187711
Ion Ratio Lower Upper
99 100
42 26.4 18.7 28.1
71 40.2 29.1 43.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.739 min Scan# 1284
Delta R.T. -0.012 min
Lab File: BM042530.D
Acq: 01 Nov 2023 02:49

Tgt Ion: 136 Resp: 247106
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.6
54 10.4 8.0 12.0
68 6.0 5.7 8.5

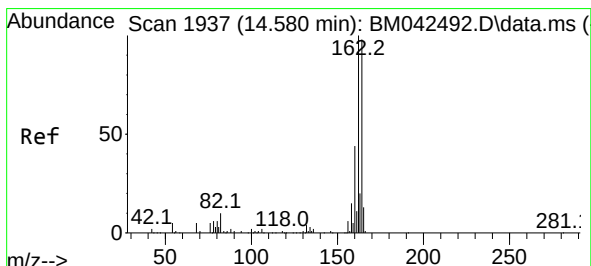
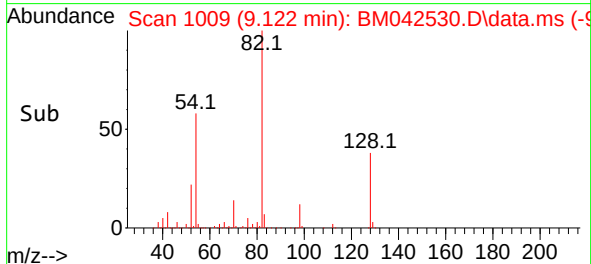
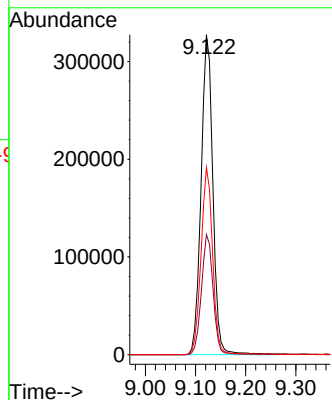
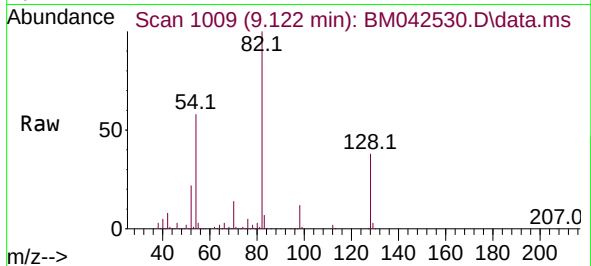




#23
Nitrobenzene-d5
Concen: 100.824 ng
RT: 9.122 min Scan# 1009
Delta R.T. -0.012 min
Lab File: BM042530.D
Acq: 01 Nov 2023 02:49

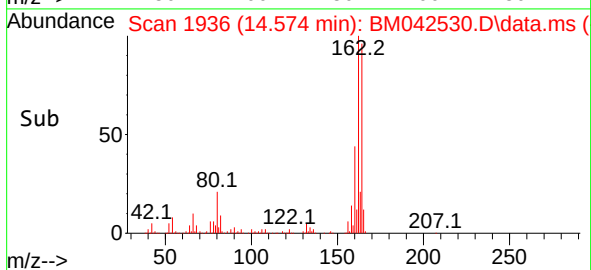
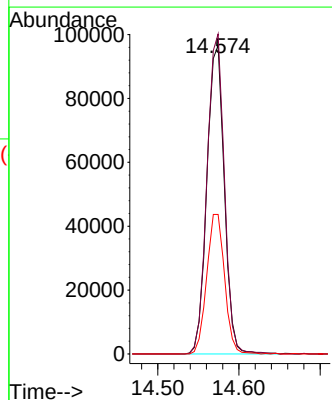
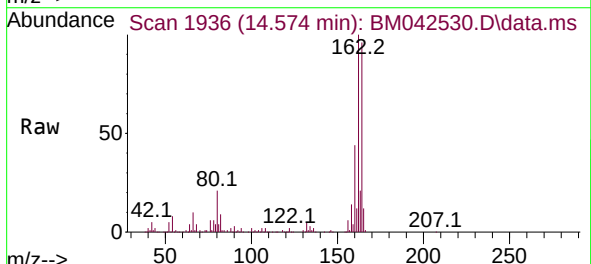
Instrument :
BNA_M
ClientSampleId :
RW4RE

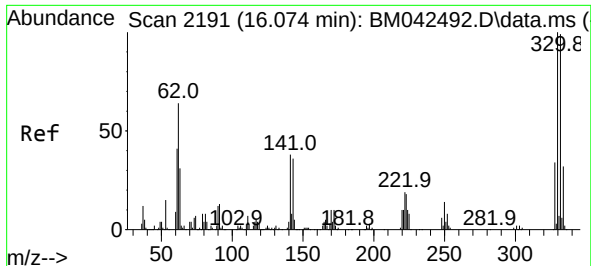
Tgt Ion: 82 Resp: 534451
Ion Ratio Lower Upper
82 100
128 37.6 30.7 46.1
54 58.4 45.3 67.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.574 min Scan# 1936
Delta R.T. -0.006 min
Lab File: BM042530.D
Acq: 01 Nov 2023 02:49

Tgt Ion: 164 Resp: 143651
Ion Ratio Lower Upper
164 100
162 103.7 81.6 122.4
160 45.2 36.2 54.4

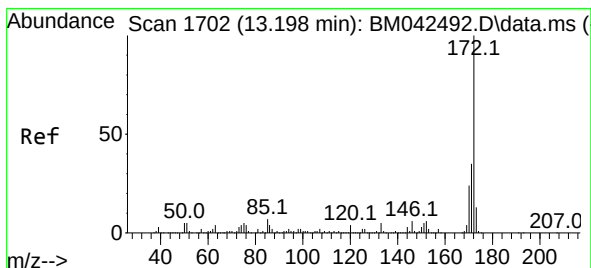
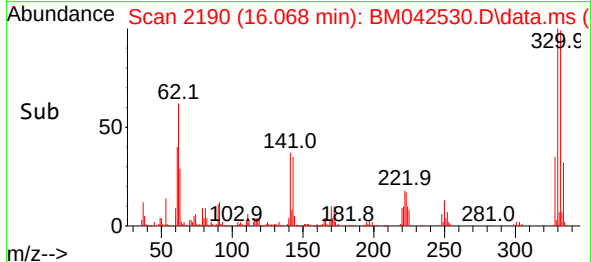
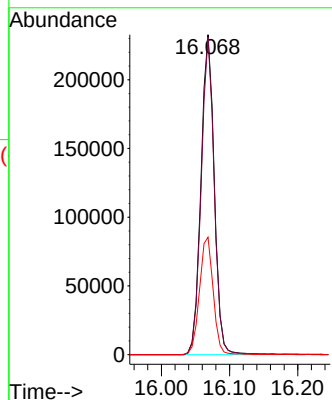
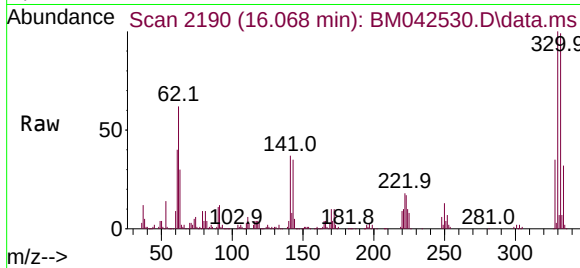




#42
2,4,6-Tribromophenol
Concen: 168.867 ng
RT: 16.068 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM042530.D
Acq: 01 Nov 2023 02:49

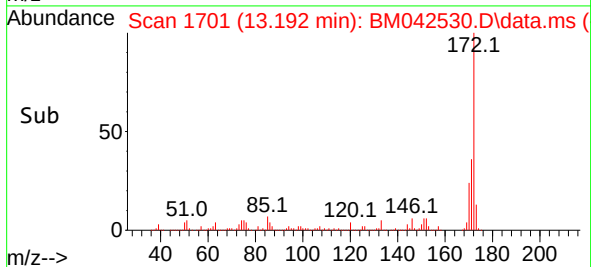
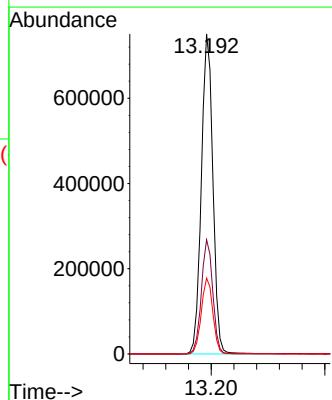
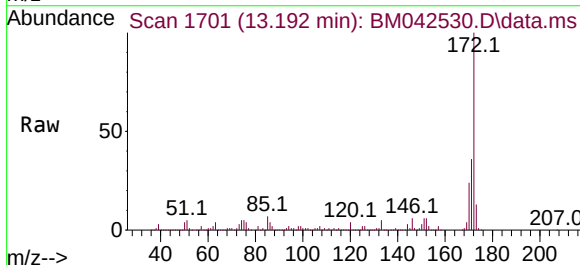
Instrument :
BNA_M
ClientSampleId :
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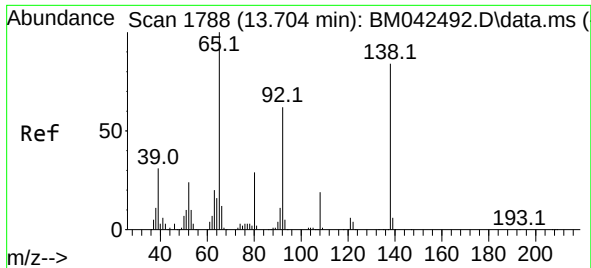
Tgt Ion:330 Resp: 316707
Ion Ratio Lower Upper
330 100
332 96.9 78.8 118.2
141 37.8 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 99.498 ng
RT: 13.192 min Scan# 1701
Delta R.T. -0.006 min
Lab File: BM042530.D
Acq: 01 Nov 2023 02:49

Tgt Ion:172 Resp: 1062202
Ion Ratio Lower Upper
172 100
171 35.7 28.2 42.2
170 23.7 19.0 28.4

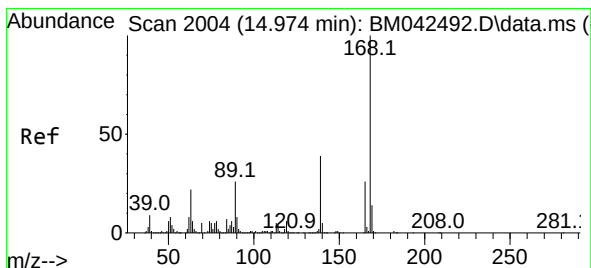
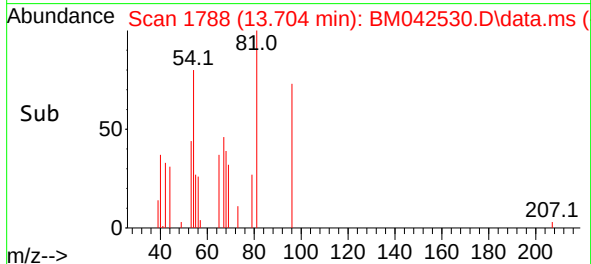
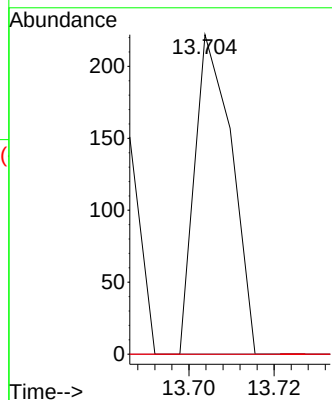
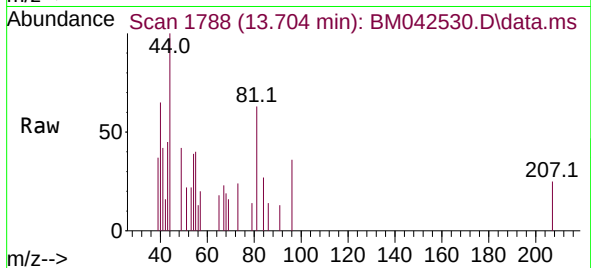




#48
2-Nitroaniline
Concen: 4.388 ng
RT: 13.704 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM042530.D
Acq: 01 Nov 2023 02:49

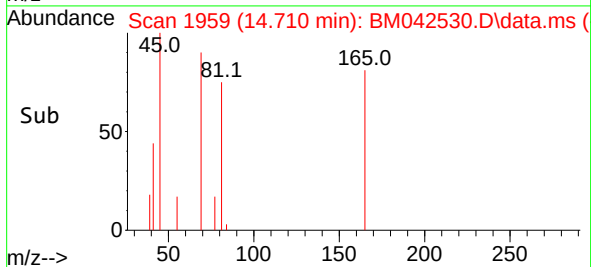
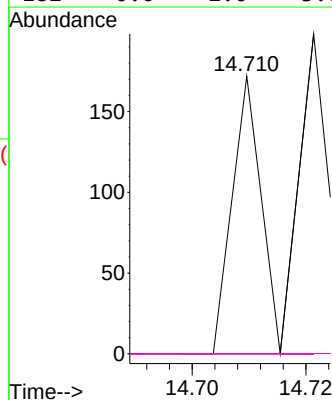
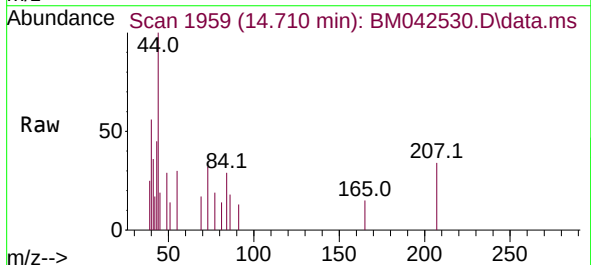
Instrument :
BNA_M
ClientSampleId :
RW4RE

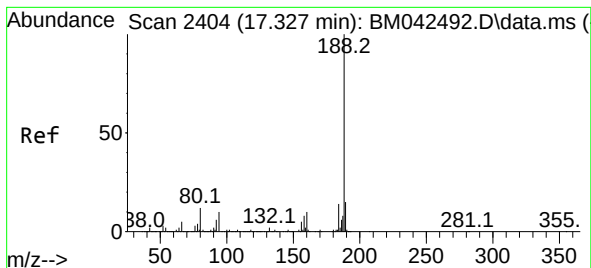
Tgt Ion: 65 Resp: 134
Ion Ratio Lower Upper
65 100
92 0.0 49.4 74.2#
138 0.0 66.9 100.3#



#57
2,4-Dinitrotoluene
Concen: 3.988 ng
RT: 14.710 min Scan# 1959
Delta R.T. -0.264 min
Lab File: BM042530.D
Acq: 01 Nov 2023 02:49

Tgt Ion: 165 Resp: 61
Ion Ratio Lower Upper
165 100
63 0.0 66.7 100.1#
89 0.0 80.2 120.4#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.321 min Scan# 24

Delta R.T. -0.006 min

Lab File: BM042530.D

Acq: 01 Nov 2023 02:49

Instrument :

BNA_M

ClientSampleId :

RW4RE

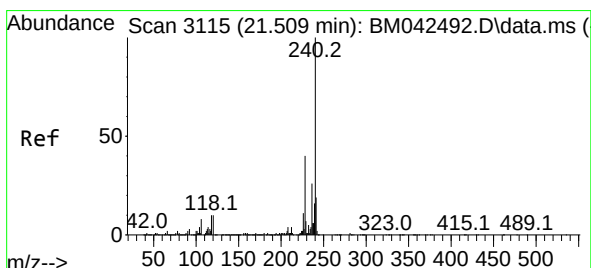
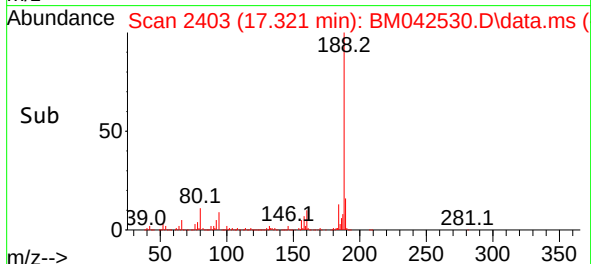
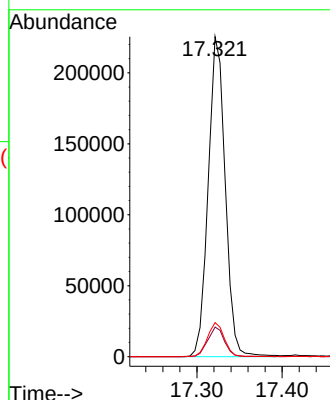
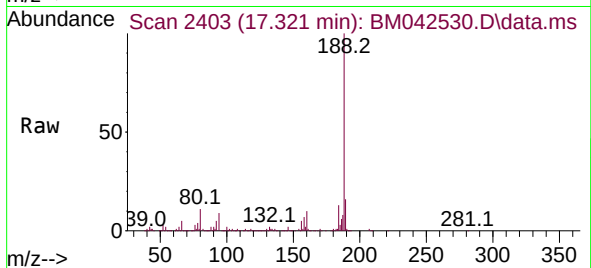
Tgt Ion:188 Resp: 313266

Ion Ratio Lower Upper

188 100

94 9.2 8.2 12.4

80 10.6 9.4 14.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.503 min Scan# 3114

Delta R.T. -0.006 min

Lab File: BM042530.D

Acq: 01 Nov 2023 02:49

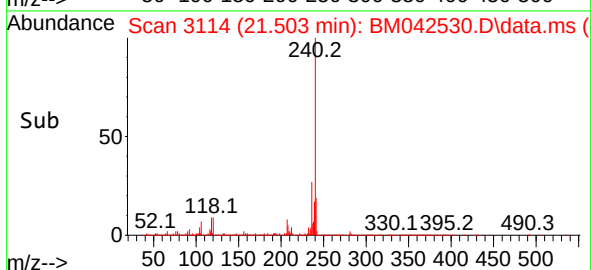
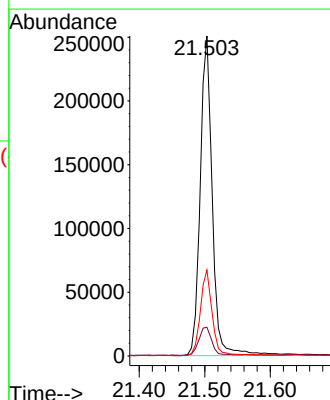
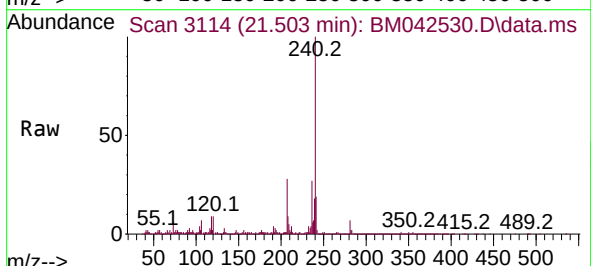
Tgt Ion:240 Resp: 321519

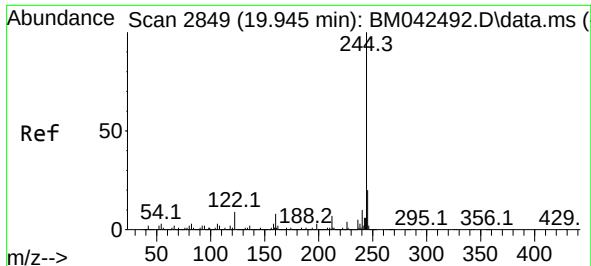
Ion Ratio Lower Upper

240 100

120 9.0 8.3 12.5

236 26.8 20.8 31.2

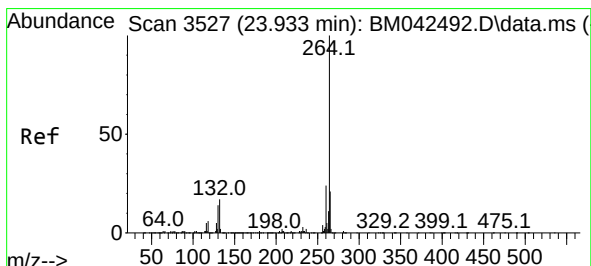
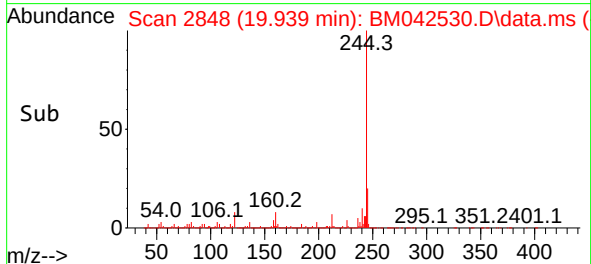
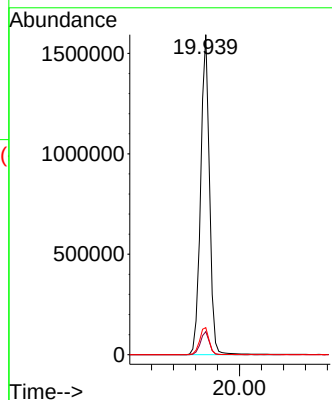
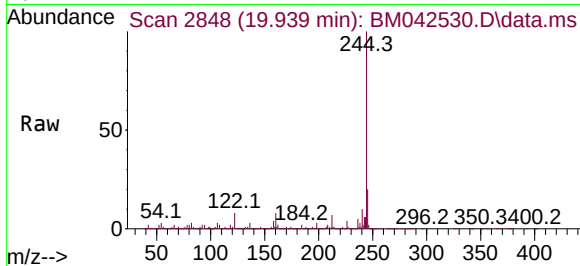




#79
 Terphenyl-d14
 Concen: 94.232 ng
 RT: 19.939 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM042530.D
 Acq: 01 Nov 2023 02:49

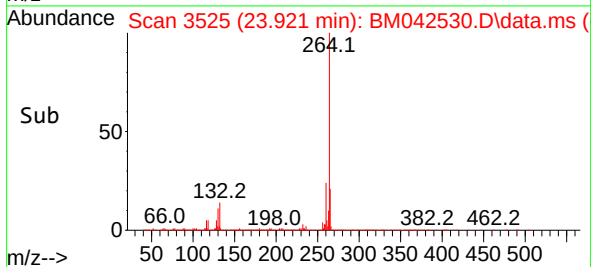
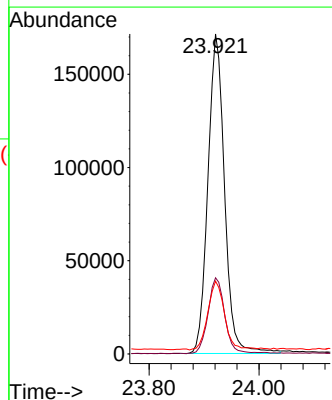
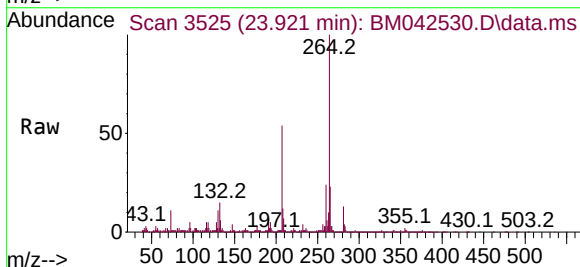
Instrument :
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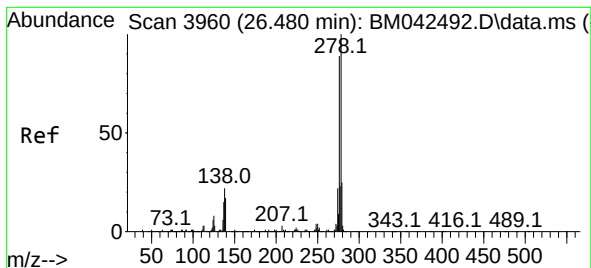
Tgt Ion:244 Resp: 1786820
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.2
 122 8.5 7.2 10.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.921 min Scan# 3525
 Delta R.T. -0.012 min
 Lab File: BM042530.D
 Acq: 01 Nov 2023 02:49

Tgt Ion:264 Resp: 360973
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.0 28.4
 265 22.7 18.7 28.1





#91

Dibenzo(a,h)anthracene

Concen: 4.183 ng

RT: 26.450 min Scan# 3960

Delta R.T. -0.030 min

Lab File: BM042530.D

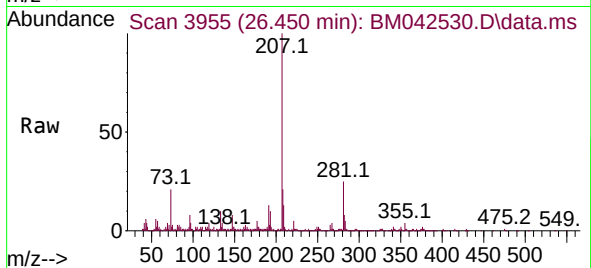
Acq: 01 Nov 2023 02:49

Instrument :

BNA_M

ClientSampleId :

RW4RE



Tgt Ion:278 Resp: 981

Ion Ratio Lower Upper

278 100

139 80.2 13.4 20.2#

279 74.5 19.7 29.5#

