

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111023\
 Data File : BM042691.D
 Acq On : 10 Nov 2023 14:58
 Operator : MA/JU
 Sample : 05280-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 10 15:46:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 09 13:21:00 2023
 Response via : Initial Calibration

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

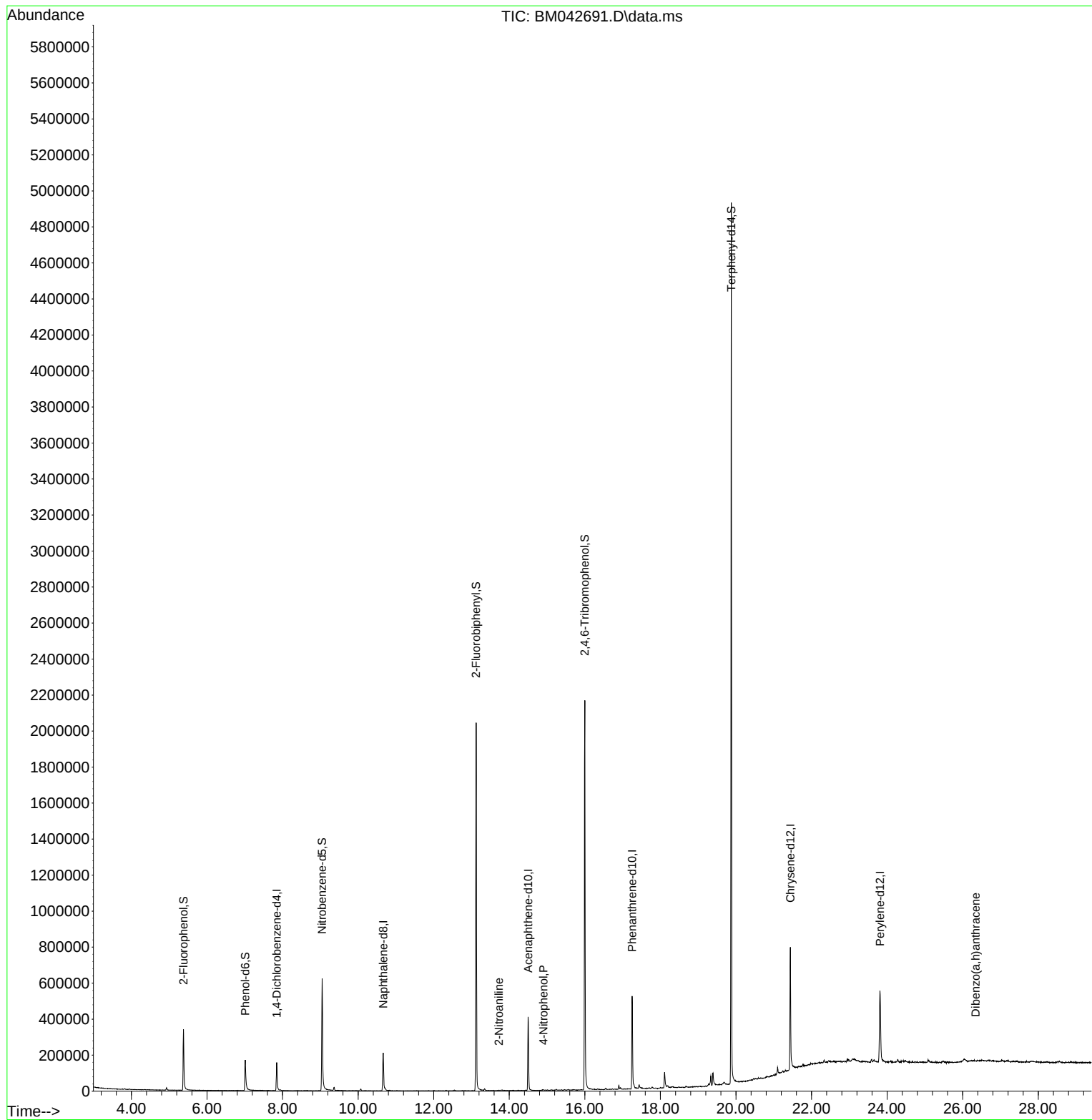
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.846	152	38169	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	162256	20.000	ng	0.00
39) Acenaphthene-d10	14.498	164	123683	20.000	ng	0.00
64) Phenanthrene-d10	17.251	188	298099	20.000	ng	0.00
76) Chrysene-d12	21.439	240	329662	20.000	ng	# 0.00
86) Perylene-d12	23.809	264	329445	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	130800	55.305	ng	0.00
7) Phenol-d6	7.011	99	100526	30.992	ng	0.00
23) Nitrobenzene-d5	9.046	82	358701	103.055	ng	0.00
42) 2,4,6-Tribromophenol	15.998	330	319577	197.907	ng	0.00
45) 2-Fluorobiphenyl	13.122	172	916480	99.708	ng	0.00
79) Terphenyl-d14	19.874	244	1969370	101.294	ng	0.00
Target Compounds						
						Qvalue
48) 2-Nitroaniline	13.728	65	61	4.370	ng	# 13
56) 4-Nitrophenol	14.904	139	59	6.985	ng	# 1
91) Dibenzo(a,h)anthracene	26.339	278	63	4.141	ng	# 55

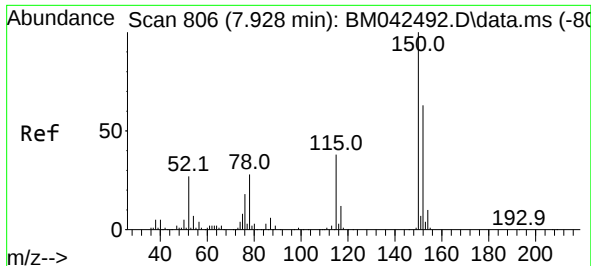
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_M
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Quant Time: Nov 10 15:46:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 09 13:21:00 2023
Response via : Initial Calibration

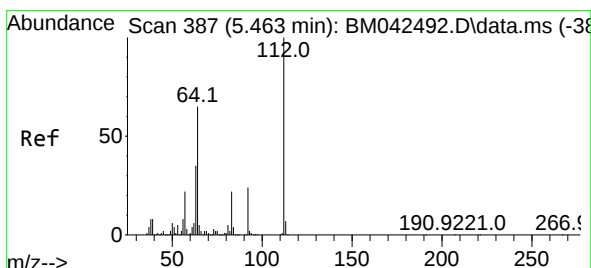
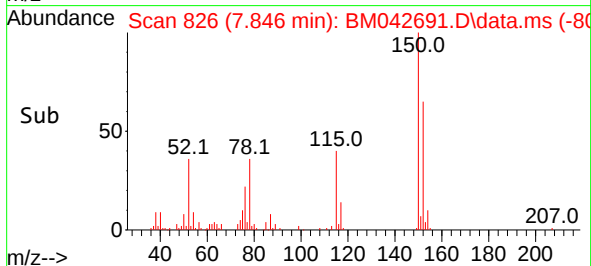
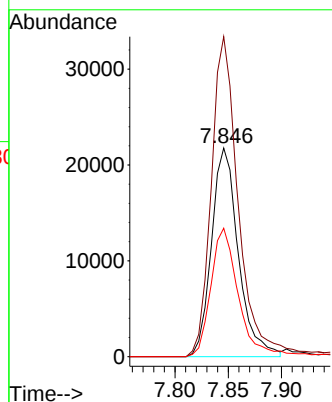
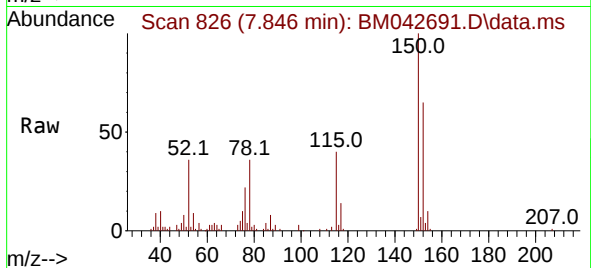




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.846 min Scan# 806
Delta R.T. 0.001 min
Lab File: BM042691.D
Acq: 10 Nov 2023 14:58

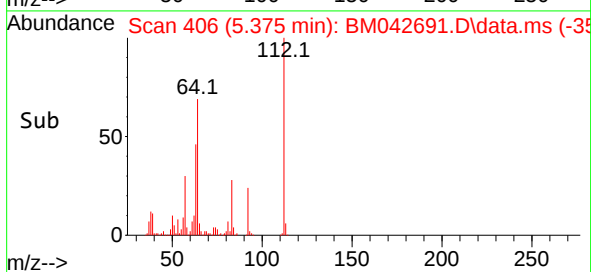
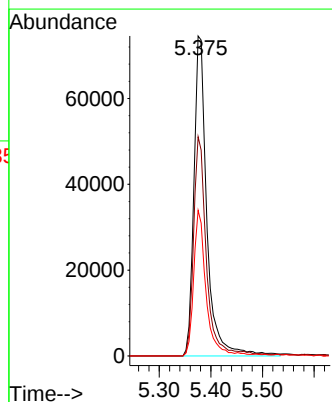
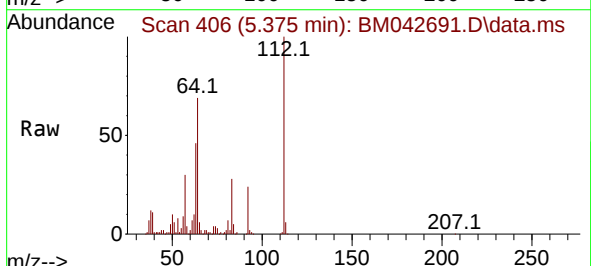
Instrument :
BNA_M
ClientSampleId :

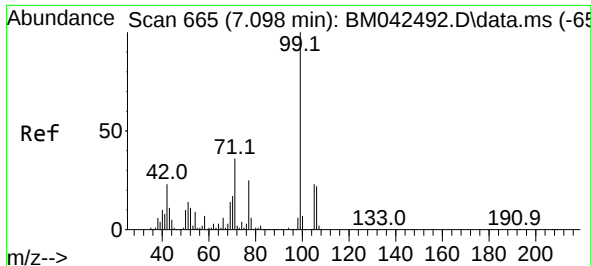
Tgt Ion:152 Resp: 38169
Ion Ratio Lower Upper
152 100
150 153.3 127.4 191.0
115 61.5 47.9 71.9



#5
2-Fluorophenol
Concen: 55.305 ng
RT: 5.375 min Scan# 406
Delta R.T. 0.000 min
Lab File: BM042691.D
Acq: 10 Nov 2023 14:58

Tgt Ion:112 Resp: 130800
Ion Ratio Lower Upper
112 100
64 68.5 52.1 78.1
63 45.5 28.3 42.5

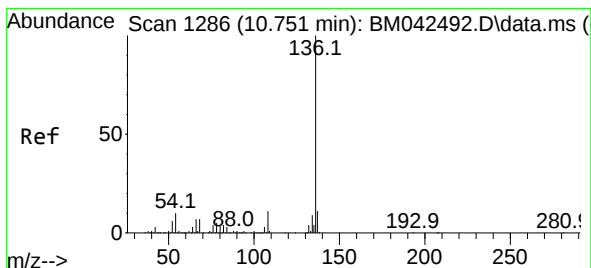
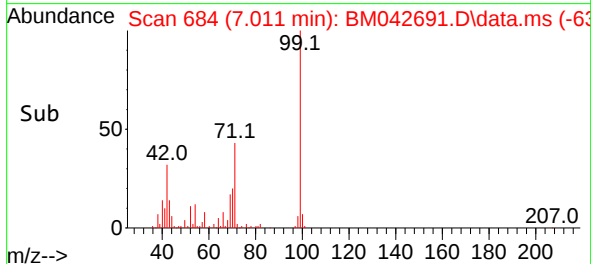
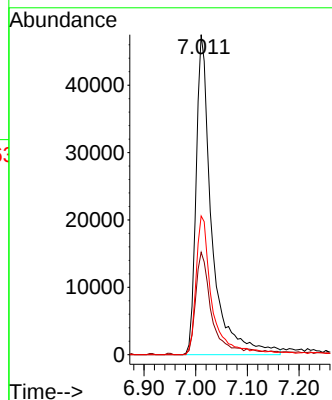
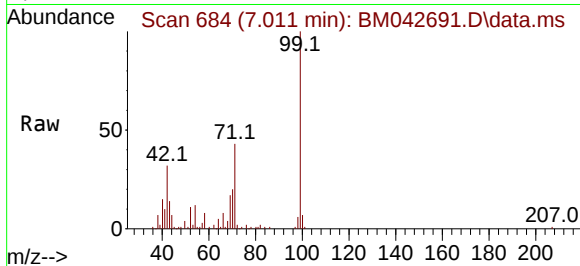




#7
Phenol-d6
Concen: 30.992 ng
RT: 7.011 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM042691.D
Acq: 10 Nov 2023 14:58

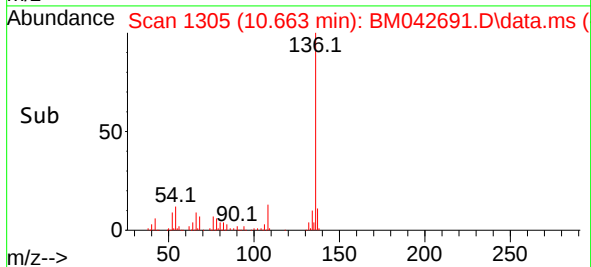
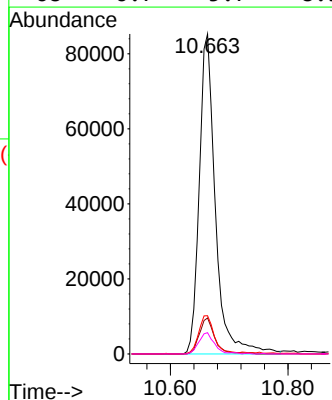
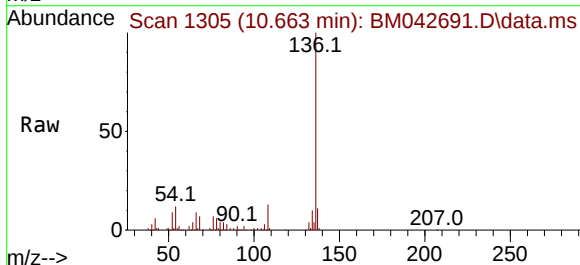
Instrument :
BNA_M
ClientSampleId :

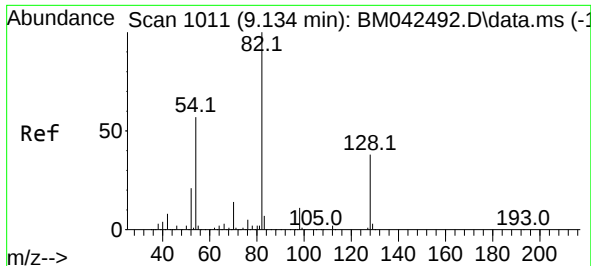
Tgt Ion: 99 Resp: 100526
Ion Ratio Lower Upper
99 100
42 32.0 18.7 28.1#
71 43.4 29.1 43.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BM042691.D
Acq: 10 Nov 2023 14:58

Tgt Ion:136 Resp: 162256
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.6
54 11.9 8.0 12.0
68 6.7 5.7 8.5

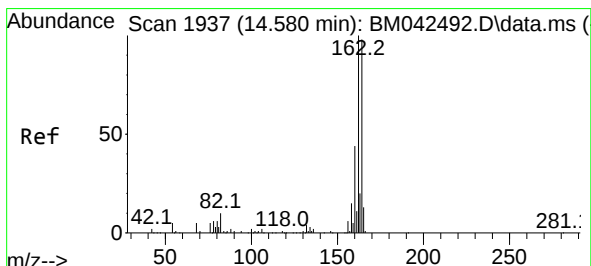
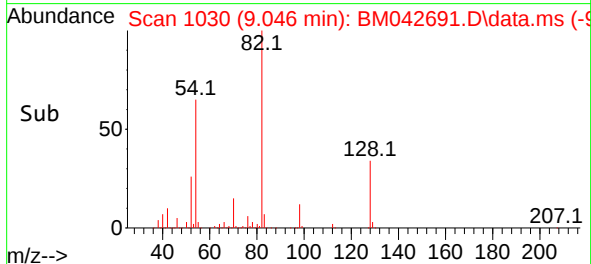
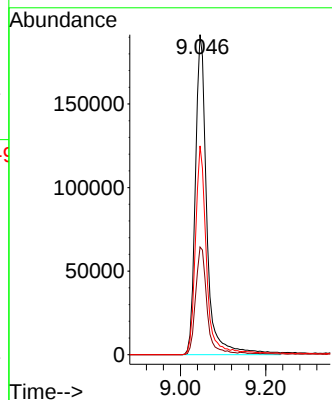
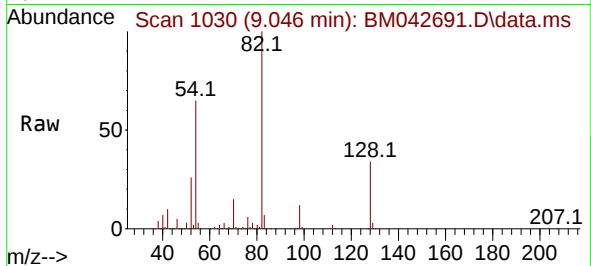




#23
Nitrobenzene-d5
Concen: 103.055 ng
RT: 9.046 min Scan# 1011
Delta R.T. -0.005 min
Lab File: BM042691.D
Acq: 10 Nov 2023 14:58

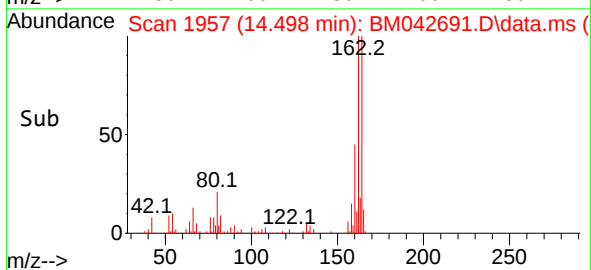
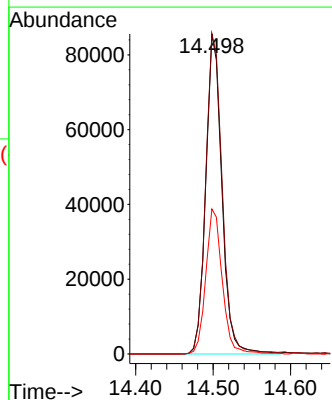
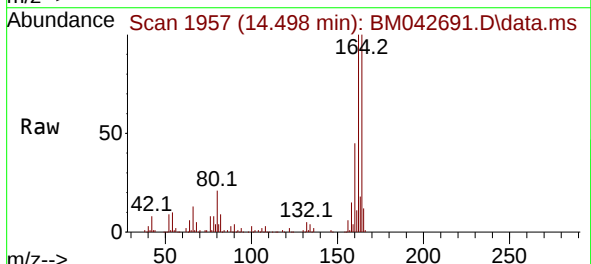
Instrument :
BNA_M
ClientSampleId :

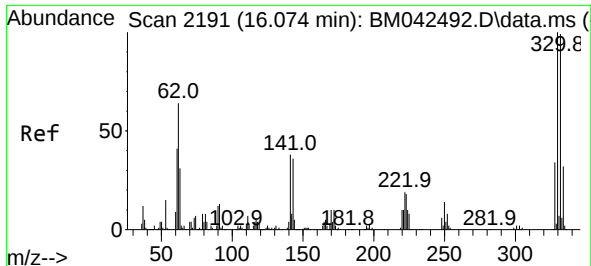
Tgt Ion: 82 Resp: 358701
Ion Ratio Lower Upper
82 100
128 33.6 30.7 46.1
54 65.2 45.3 67.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.498 min Scan# 1957
Delta R.T. -0.005 min
Lab File: BM042691.D
Acq: 10 Nov 2023 14:58

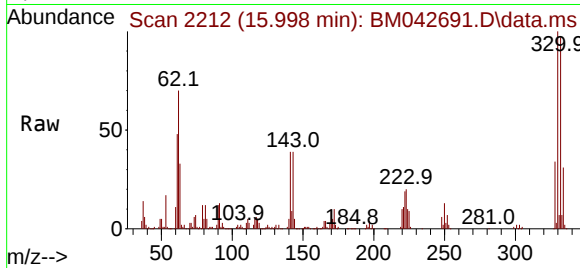
Tgt Ion:164 Resp: 123683
Ion Ratio Lower Upper
164 100
162 100.1 81.6 122.4
160 45.4 36.2 54.4



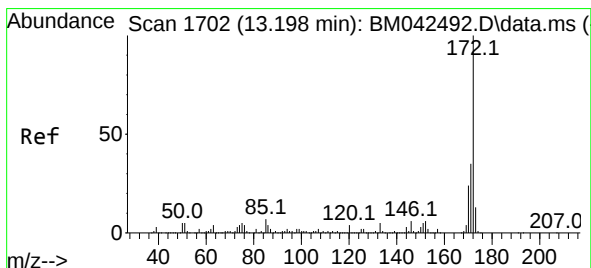
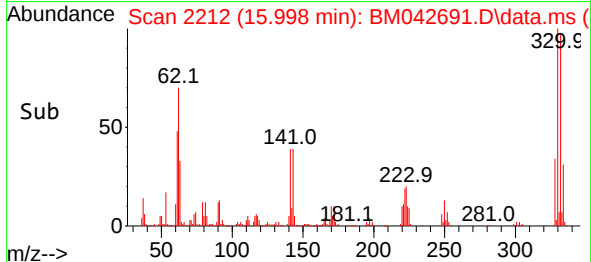
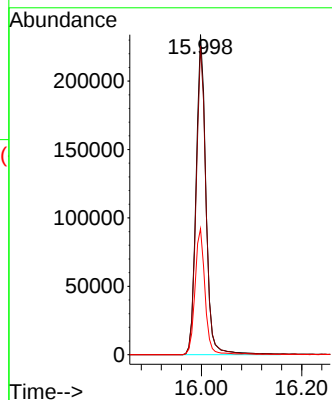


#42
2,4,6-Tribromophenol
Concen: 197.907 ng
RT: 15.998 min Scan# 2191
Delta R.T. 0.000 min
Lab File: BM042691.D
Acq: 10 Nov 2023 14:58

Instrument :
BNA_M
ClientSampleId :

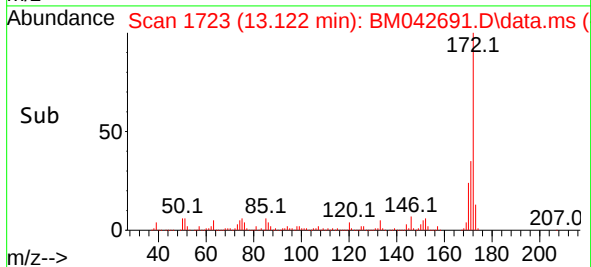
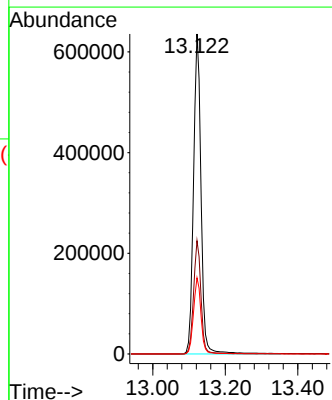
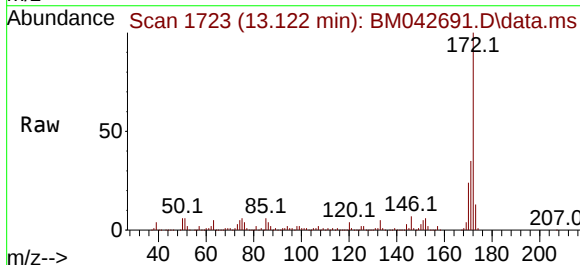


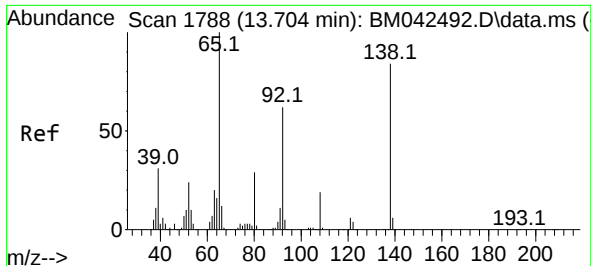
Tgt Ion:330 Resp: 319577
Ion Ratio Lower Upper
330 100
332 96.3 78.8 118.2
141 39.5 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 99.708 ng
RT: 13.122 min Scan# 1723
Delta R.T. 0.000 min
Lab File: BM042691.D
Acq: 10 Nov 2023 14:58

Tgt Ion:172 Resp: 916480
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.2
170 23.8 19.0 28.4

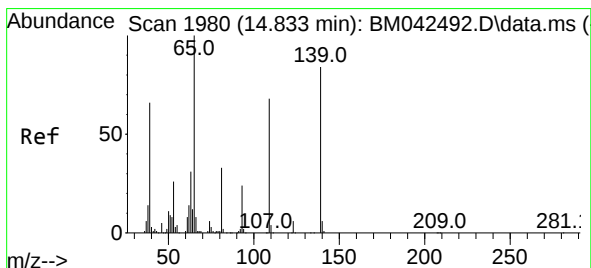
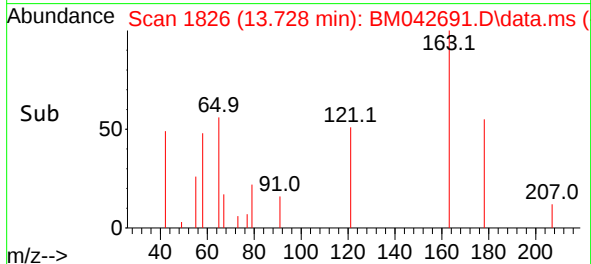
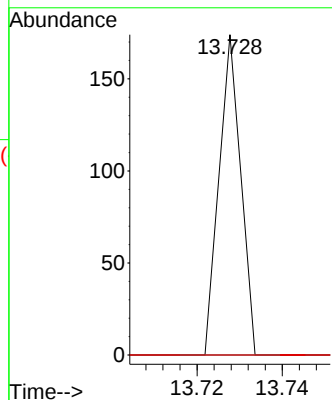
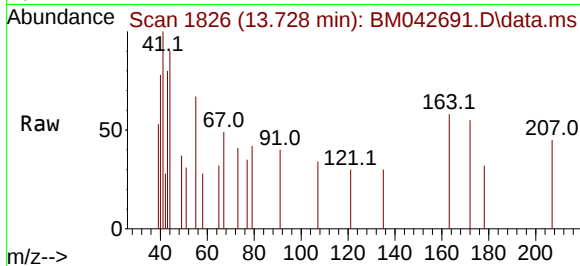




#48
2-Nitroaniline
Concen: 4.370 ng
RT: 13.728 min Scan# 11
Delta R.T. 0.095 min
Lab File: BM042691.D
Acq: 10 Nov 2023 14:58

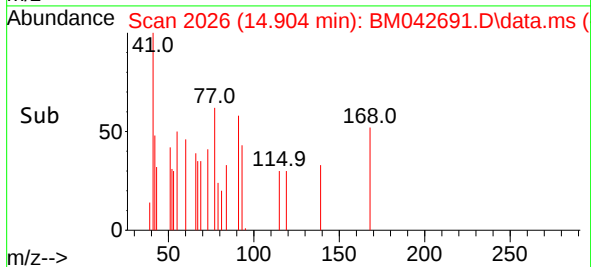
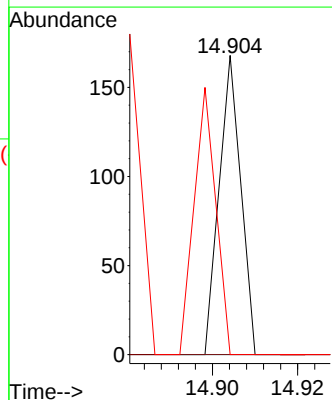
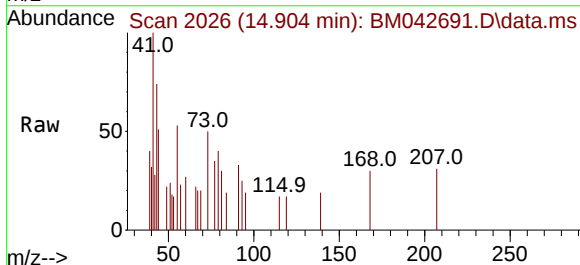
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ClientSampleId :

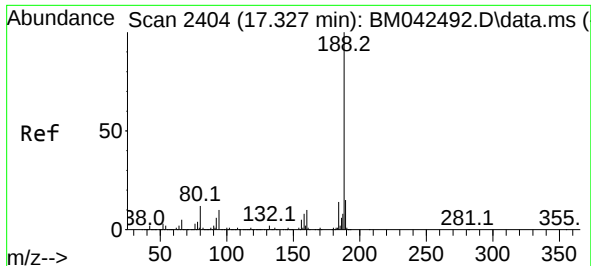
Tgt Ion: 65 Resp: 61
Ion Ratio Lower Upper
65 100
92 0.0 49.4 74.2#
138 0.0 66.9 100.3#



#56
4-Nitrophenol
Concen: 6.985 ng
RT: 14.904 min Scan# 2026
Delta R.T. 0.147 min
Lab File: BM042691.D
Acq: 10 Nov 2023 14:58

Tgt Ion: 139 Resp: 59
Ion Ratio Lower Upper
139 100
109 0.0 61.3 101.3#
65 0.0 100.2 140.2#

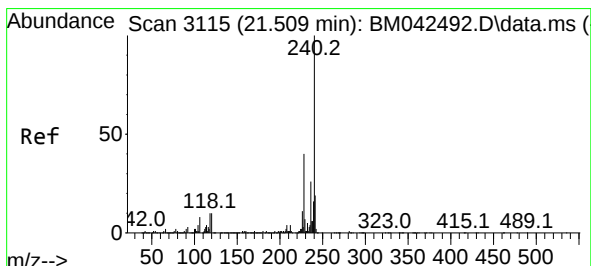
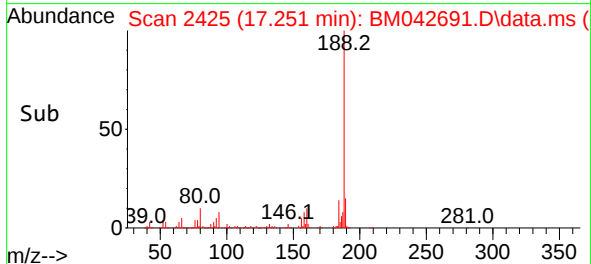
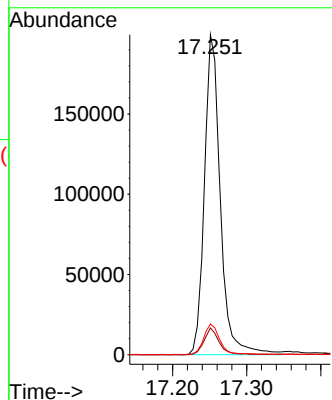
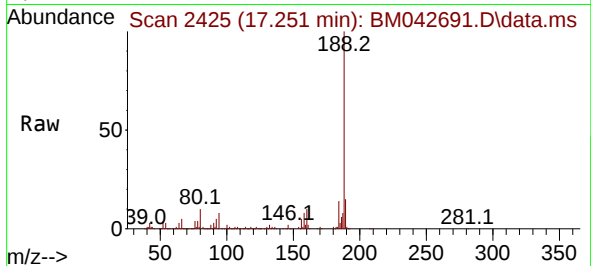




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.251 min Scan# 24
Delta R.T. -0.005 min
Lab File: BM042691.D
Acq: 10 Nov 2023 14:58

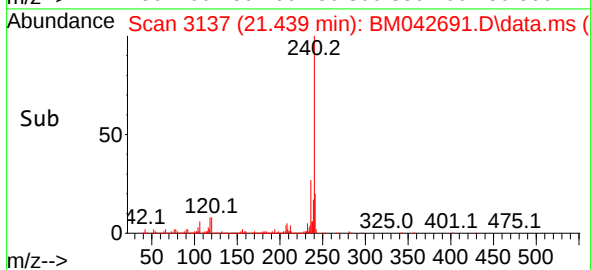
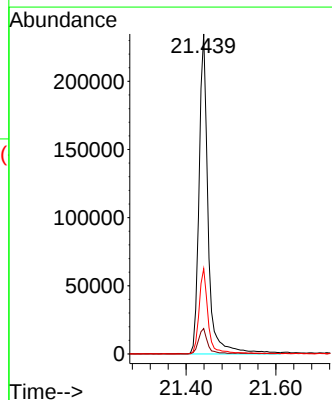
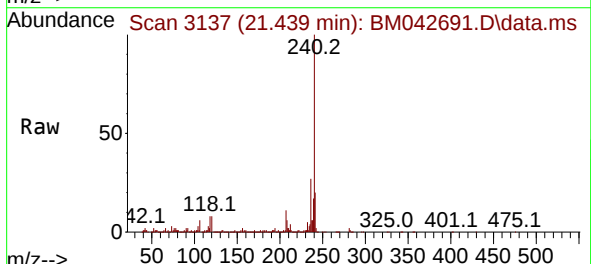
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BNA_M
ClientSampleId :

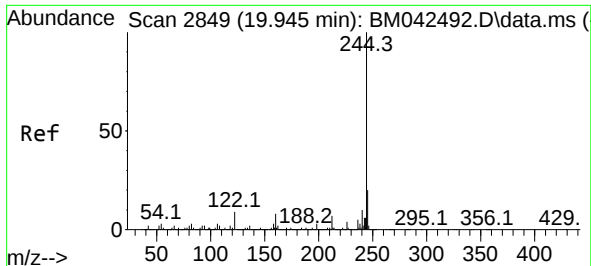
Tgt Ion:188 Resp: 298099
Ion Ratio Lower Upper
188 100
94 8.4 8.2 12.4
80 9.6 9.4 14.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.439 min Scan# 3137
Delta R.T. 0.000 min
Lab File: BM042691.D
Acq: 10 Nov 2023 14:58

Tgt Ion:240 Resp: 329662
Ion Ratio Lower Upper
240 100
120 7.9 8.3 12.5#
236 26.7 20.8 31.2

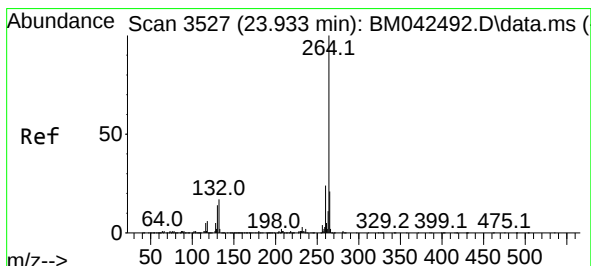
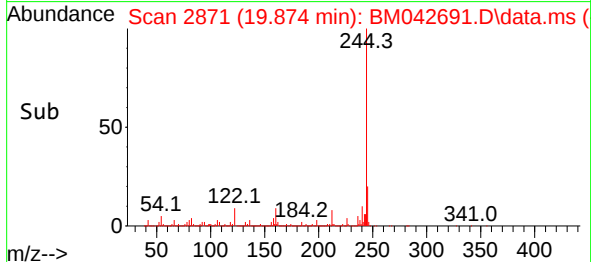
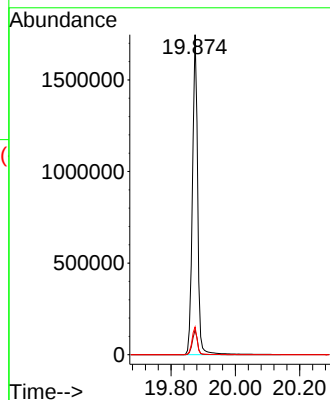
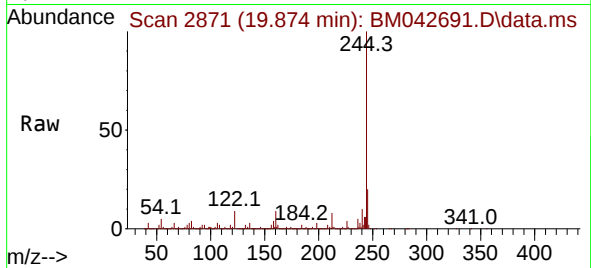




#79
 Terphenyl-d14
 Concen: 101.294 ng
 RT: 19.874 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM042691.D
 Acq: 10 Nov 2023 14:58

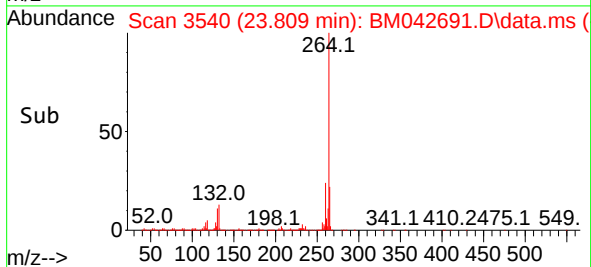
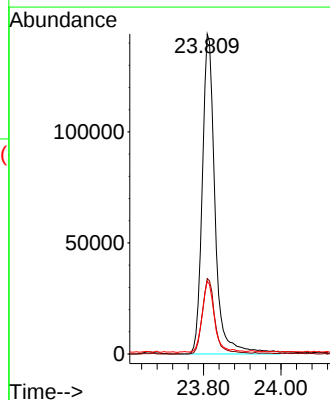
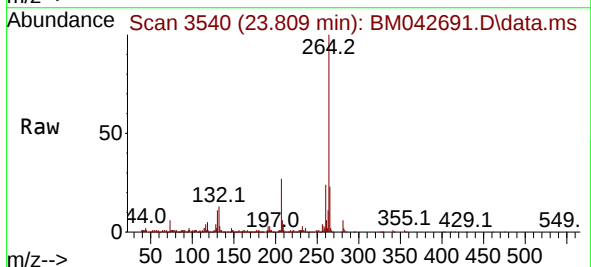
Instrument :
 BNA_M
 ClientSampleId :

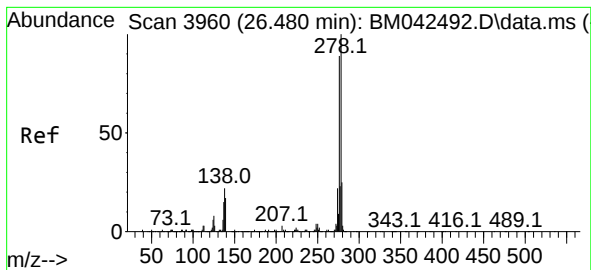
Tgt Ion:244 Resp: 1969370
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.4 8.2
 122 8.7 7.2 10.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.809 min Scan# 3540
 Delta R.T. -0.005 min
 Lab File: BM042691.D
 Acq: 10 Nov 2023 14:58

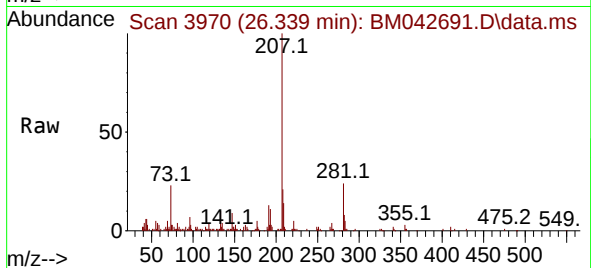
Tgt Ion:264 Resp: 329445
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.0 28.4
 265 22.8 18.7 28.1





#91
Dibenzo(a,h)anthracene
Concen: 4.141 ng
RT: 26.339 min Scan# 3960
Delta R.T. 0.024 min
Lab File: BM042691.D
Acq: 10 Nov 2023 14:58

Instrument :
BNA_M
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	13.4	20.2#
279	0.0	19.7	29.5#

