

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100921\
 Data File : BM032398.D
 Acq On : 08 Oct 2021 18:05
 Operator : CG/JU
 Sample : M4104-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 55TH-ST-33

Quant Time: Oct 08 19:17:20 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM100221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 08 17:11:04 2021
 Response via : Initial Calibration

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

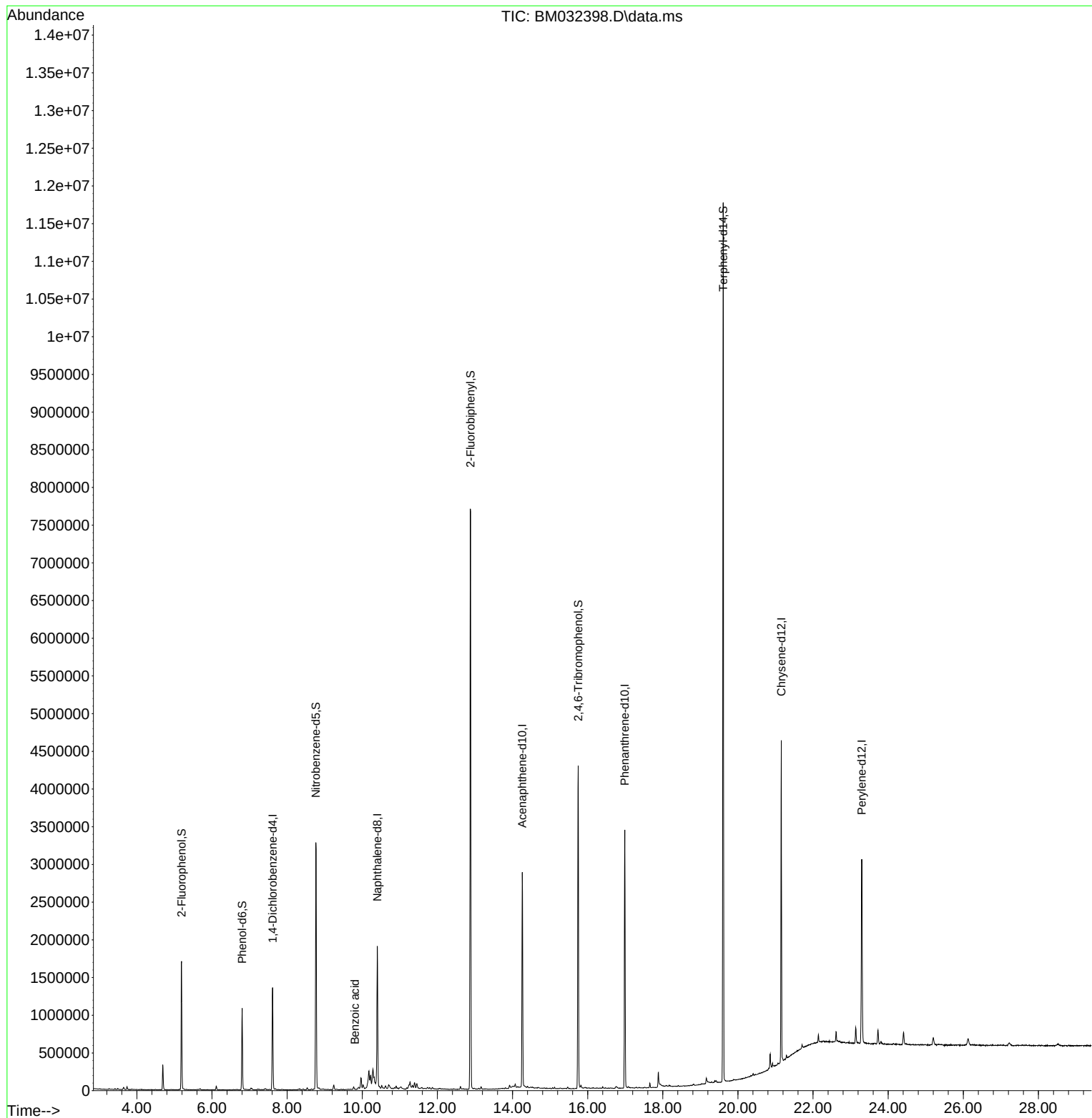
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.613	152	361464	20.000	ng	0.00
21) Naphthalene-d8	10.401	136	1479389	20.000	ng	# 0.00
39) Acenaphthene-d10	14.260	164	937888	20.000	ng	0.00
64) Phenanthrene-d10	16.989	188	1922913	20.000	ng	# 0.00
76) Chrysene-d12	21.153	240	1835531	20.000	ng	0.00
86) Perylene-d12	23.294	264	1587169	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.190	112	731506	34.098	ng	0.00
7) Phenol-d6	6.801	99	587771	20.035	ng	-0.01
23) Nitrobenzene-d5	8.766	82	1882174	70.760	ng	0.00
42) 2,4,6-Tribromophenol	15.748	330	727757	69.313	ng	0.00
45) 2-Fluorobiphenyl	12.883	172	4119163	65.301	ng	0.00
79) Terphenyl-d14	19.606	244	5507972	63.197	ng	0.00
Target Compounds						
32) Benzoic acid	9.801	122	134	4.829	ng	# 63

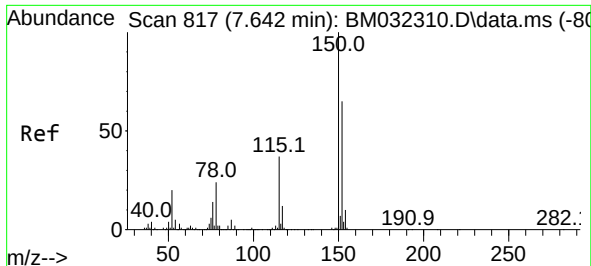
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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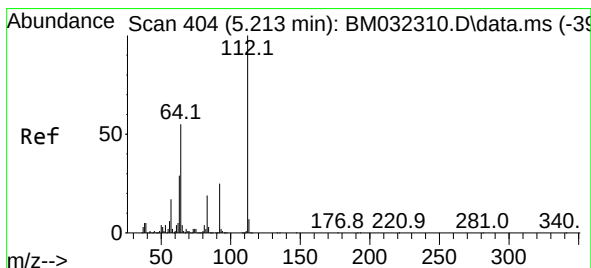
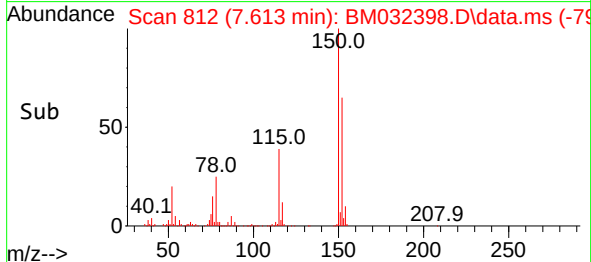
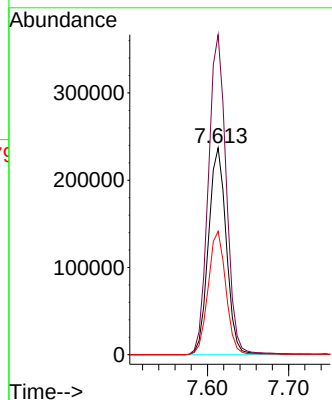
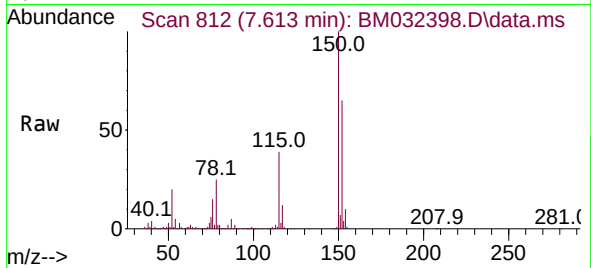




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.613 min Scan# 812
Delta R.T. -0.006 min
Lab File: BM032398.D
Acq: 08 Oct 2021 18:05

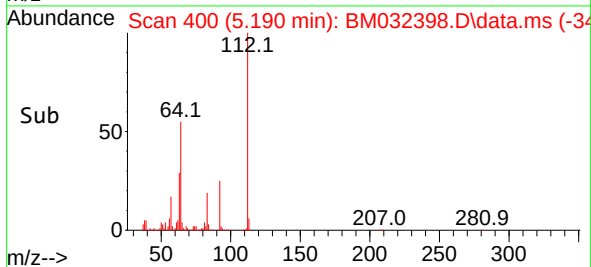
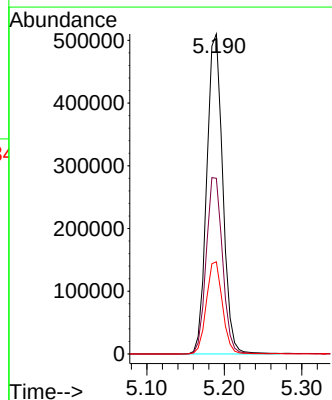
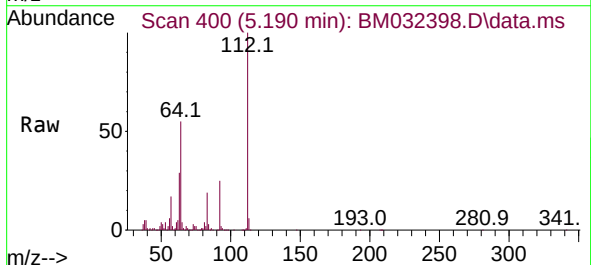
Instrument :
BNA_M
ClientSampleId :
55TH-ST-33

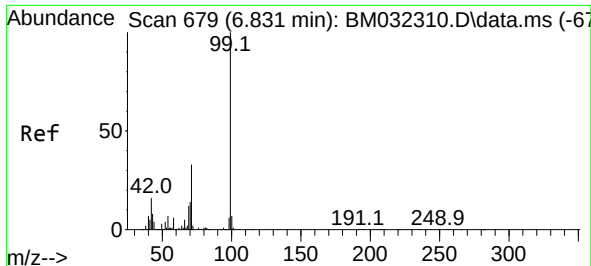
Tgt Ion:152 Resp: 361464
Ion Ratio Lower Upper
152 100
150 154.7 122.4 183.6
115 59.6 53.8 80.8



#5
2-Fluorophenol
Concen: 34.098 ng
RT: 5.190 min Scan# 400
Delta R.T. 0.000 min
Lab File: BM032398.D
Acq: 08 Oct 2021 18:05

Tgt Ion:112 Resp: 731506
Ion Ratio Lower Upper
112 100
64 54.9 53.7 80.5
63 28.8 33.9 50.9#

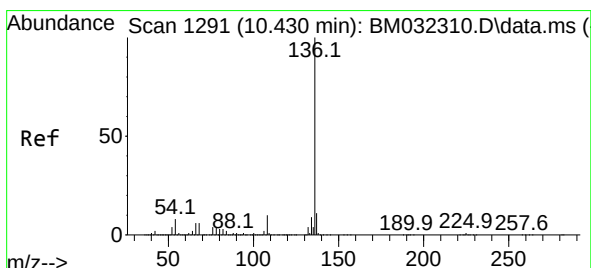
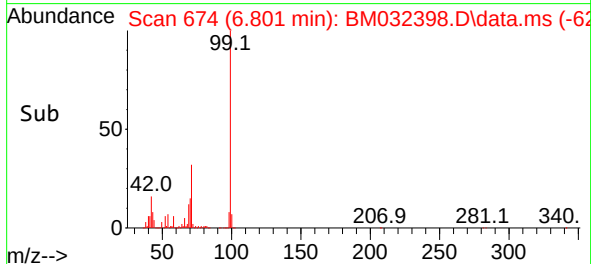
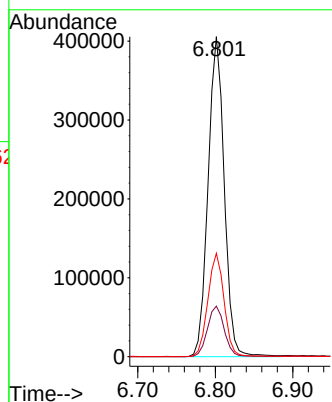
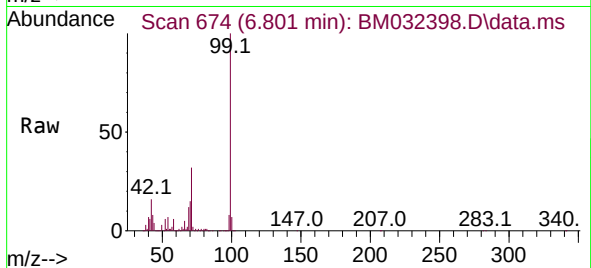




#7
Phenol-d6
Concen: 20.035 ng
RT: 6.801 min Scan# 674
Delta R.T. -0.012 min
Lab File: BM032398.D
Acq: 08 Oct 2021 18:05

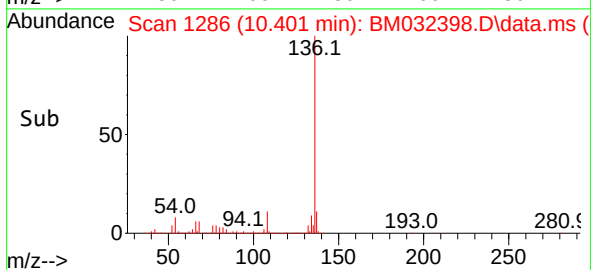
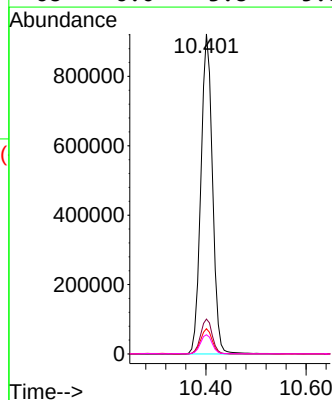
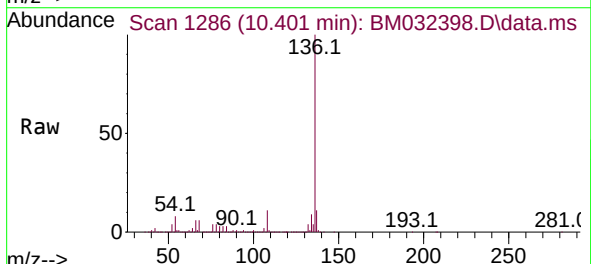
Instrument :
BNA_M
ClientSampleId :
55TH-ST-33

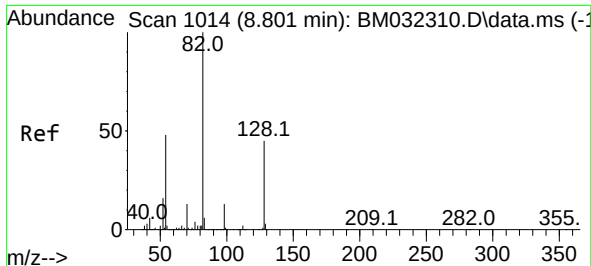
Tgt Ion: 99 Resp: 587771
Ion Ratio Lower Upper
99 100
42 15.8 23.0 34.6#
71 32.3 37.8 56.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.401 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BM032398.D
Acq: 08 Oct 2021 18:05

Tgt Ion: 136 Resp: 1479389
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 7.9 7.4 11.0
68 6.0 3.8 5.8#

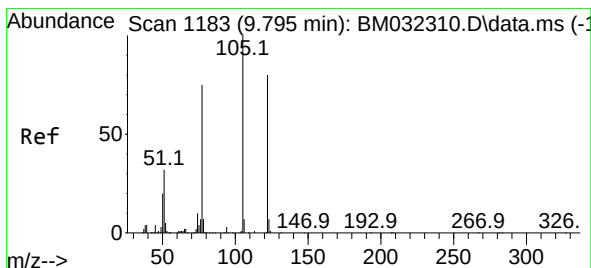
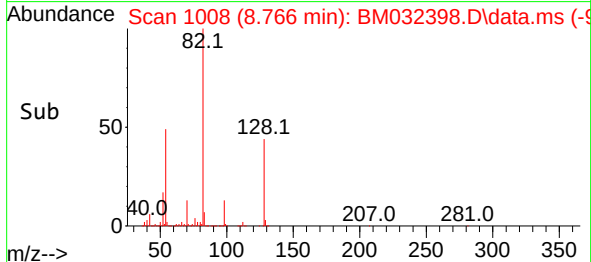
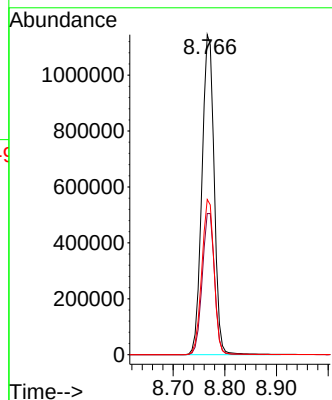
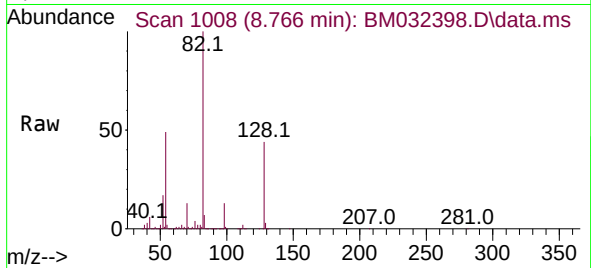




#23
Nitrobenzene-d5
Concen: 70.760 ng
RT: 8.766 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BM032398.D
Acq: 08 Oct 2021 18:05

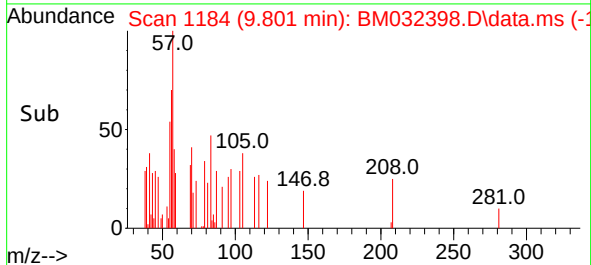
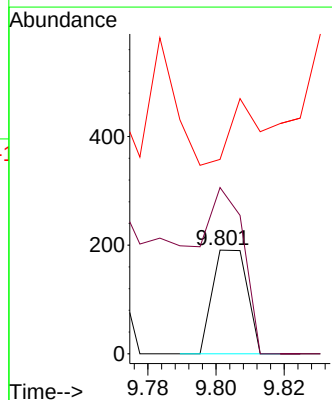
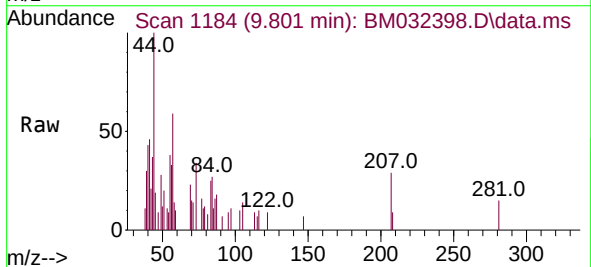
Instrument :
BNA_M
ClientSampleId :
55TH-ST-33

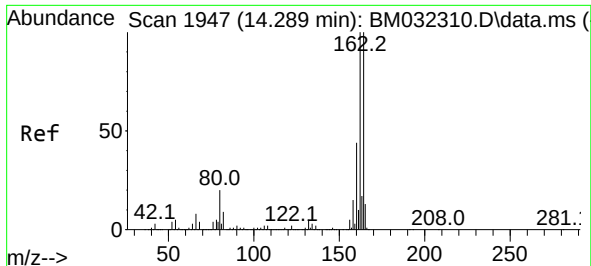
Tgt Ion: 82 Resp: 1882174
Ion Ratio Lower Upper
82 100
128 44.1 29.0 43.6#
54 48.5 45.8 68.8



#32
Benzoic acid
Concen: 4.829 ng
RT: 9.801 min Scan# 1184
Delta R.T. 0.029 min
Lab File: BM032398.D
Acq: 08 Oct 2021 18:05

Tgt Ion:122 Resp: 134
Ion Ratio Lower Upper
122 100
105 160.2 120.3 160.3
77 187.4 100.0 140.0#

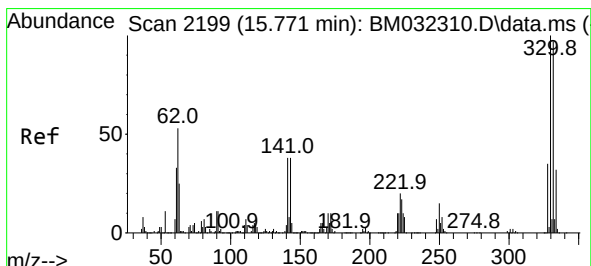
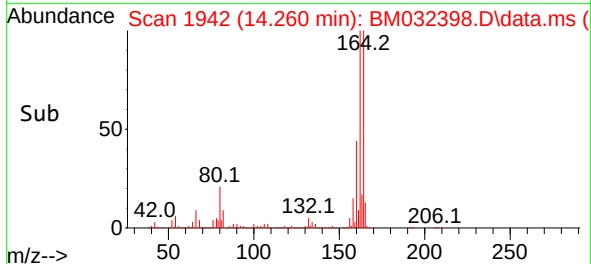
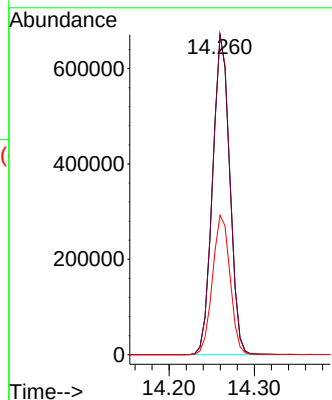
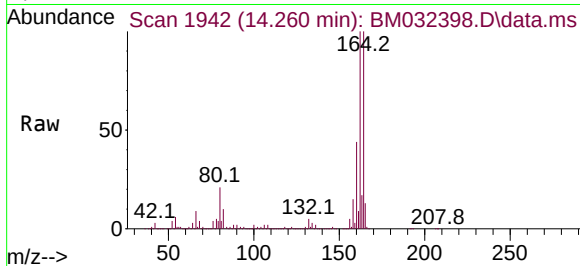




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.260 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BM032398.D
Acq: 08 Oct 2021 18:05

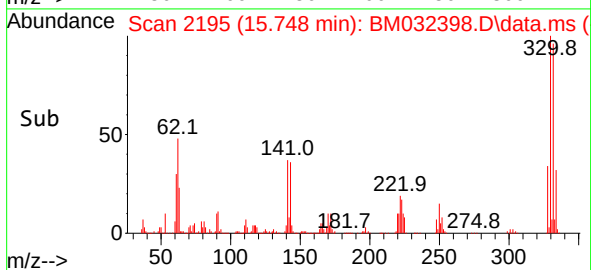
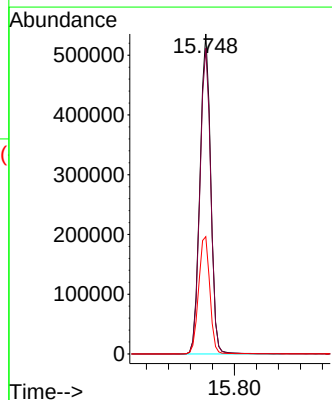
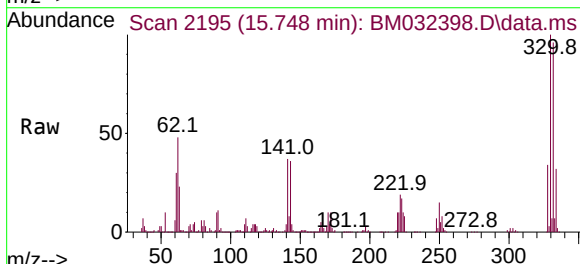
Instrument :
BNA_M
ClientSampleId :
55TH-ST-33

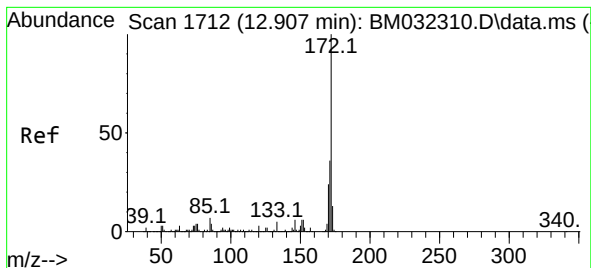
Tgt Ion:164 Resp: 937888
Ion Ratio Lower Upper
164 100
162 99.8 80.6 121.0
160 43.5 35.1 52.7



#42
2,4,6-Tribromophenol
Concen: 69.313 ng
RT: 15.748 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BM032398.D
Acq: 08 Oct 2021 18:05

Tgt Ion:330 Resp: 727757
Ion Ratio Lower Upper
330 100
332 96.5 75.7 113.5
141 38.4 50.7 76.1#

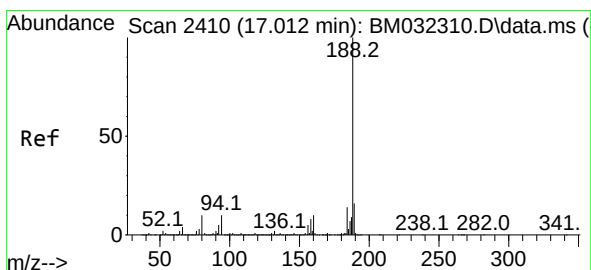
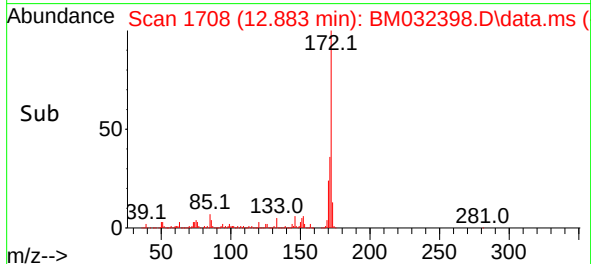
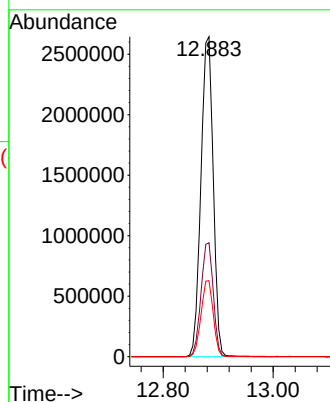
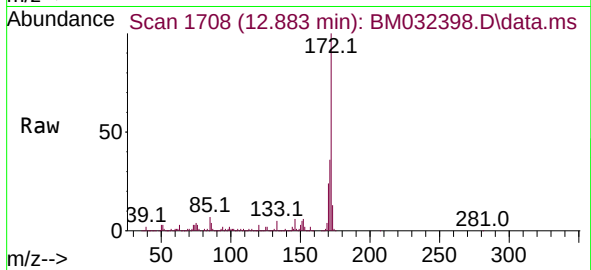




#45
2-Fluorobiphenyl
Concen: 65.301 ng
RT: 12.883 min Scan# 1708
Delta R.T. 0.000 min
Lab File: BM032398.D
Acq: 08 Oct 2021 18:05

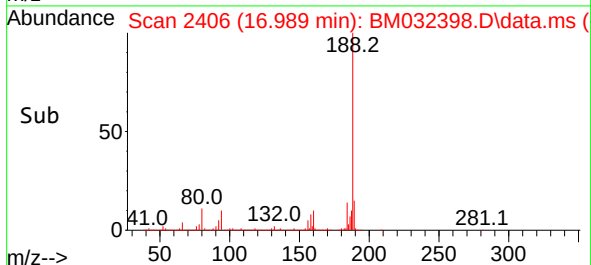
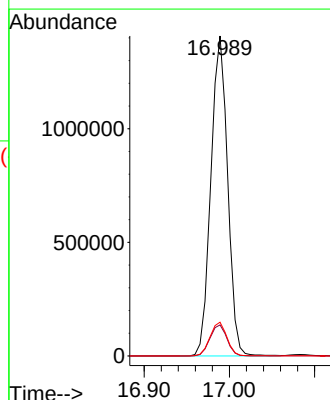
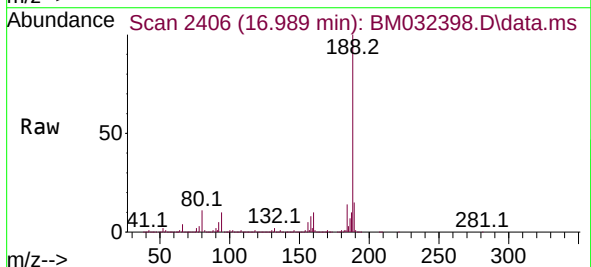
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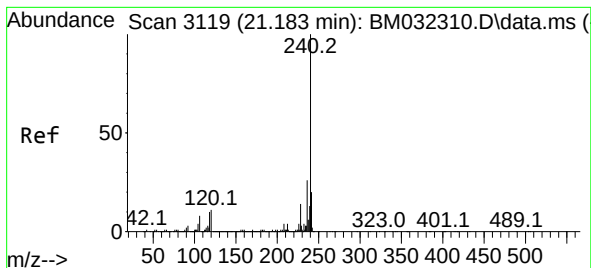
Tgt Ion:172 Resp: 4119163
Ion Ratio Lower Upper
172 100
171 35.6 28.1 42.1
170 23.7 18.6 27.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.989 min Scan# 2406
Delta R.T. -0.006 min
Lab File: BM032398.D
Acq: 08 Oct 2021 18:05

Tgt Ion:188 Resp: 1922913
Ion Ratio Lower Upper
188 100
94 9.7 6.3 9.5#
80 10.6 7.3 10.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.153 min Scan# 3114

Delta R.T. -0.006 min

Lab File: BM032398.D

Acq: 08 Oct 2021 18:05

Instrument :

BNA_M

ClientSampleId :

55TH-ST-33

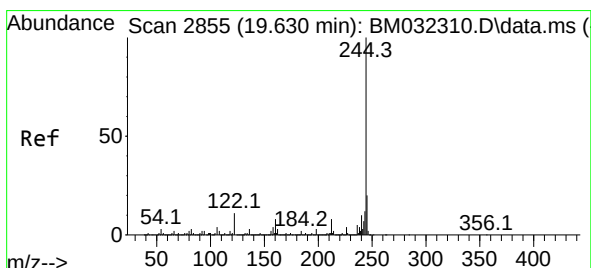
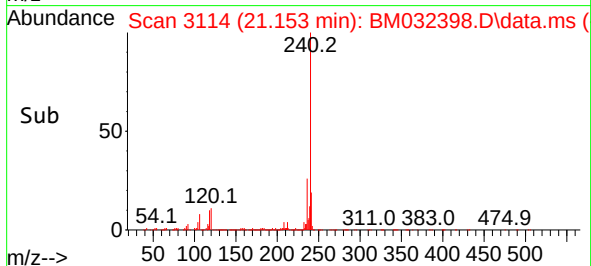
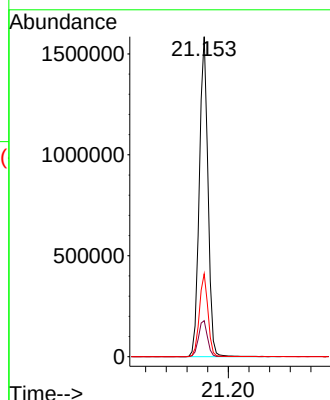
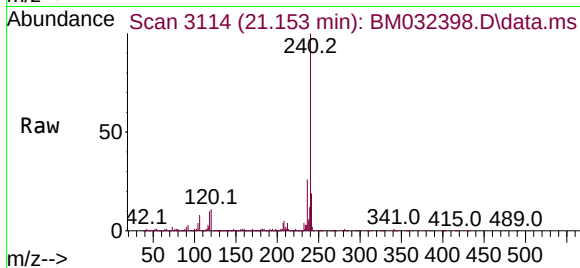
Tgt Ion:240 Resp: 1835531

Ion Ratio Lower Upper

240 100

120 11.2 7.8 11.6

236 25.9 20.9 31.3



#79

Terphenyl-d14

Concen: 63.197 ng

RT: 19.606 min Scan# 2851

Delta R.T. 0.000 min

Lab File: BM032398.D

Acq: 08 Oct 2021 18:05

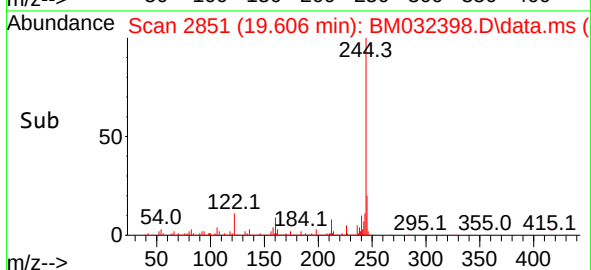
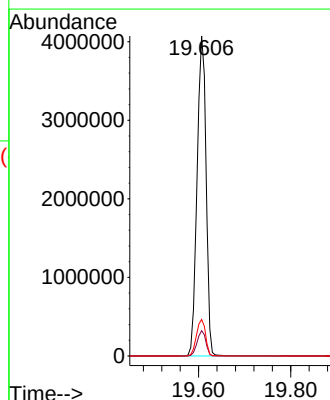
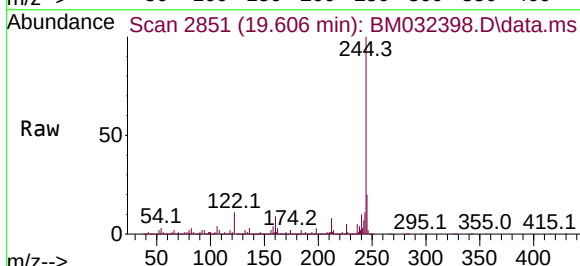
Tgt Ion:244 Resp: 5507972

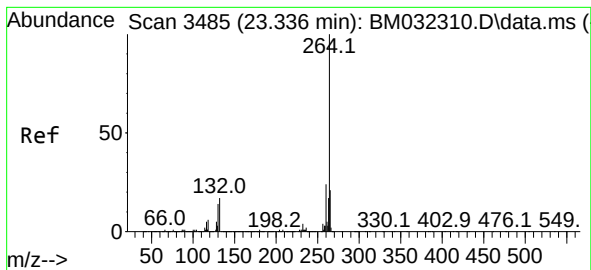
Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

122 11.4 8.7 13.1





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.294 min Scan# 3478
 Delta R.T. -0.006 min
 Lab File: BM032398.D
 Acq: 08 Oct 2021 18:05

Instrument :
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Tgt Ion:264 Resp: 1587169
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.3 28.9
 265 21.9 18.3 27.5

