

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100921\
 Data File : BM032401.D
 Acq On : 08 Oct 2021 19:55
 Operator : CG/JU
 Sample : M4135-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TS-3

Quant Time: Oct 09 02:16:38 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)

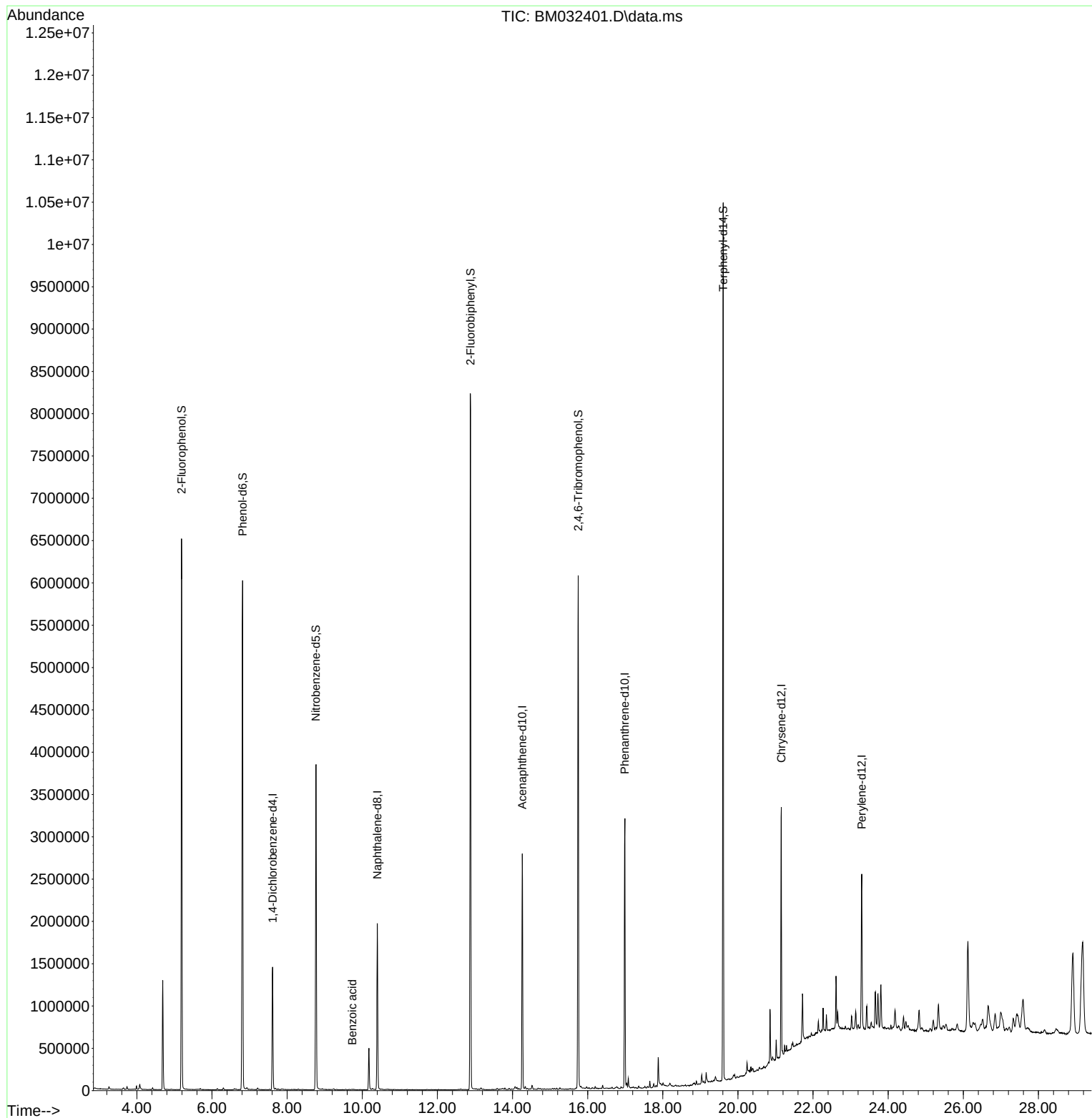
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.613	152	389809	20.000	ng	0.00
21) Naphthalene-d8	10.401	136	1584412	20.000	ng	# 0.00
39) Acenaphthene-d10	14.260	164	924652	20.000	ng	0.00
64) Phenanthrene-d10	16.989	188	1777393	20.000	ng	0.00
76) Chrysene-d12	21.154	240	1370860	20.000	ng	0.00
86) Perylene-d12	23.295	264	1154811	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.190	112	2822164	121.985	ng	0.00
7) Phenol-d6	6.813	99	3638256	114.997	ng	0.00
23) Nitrobenzene-d5	8.766	82	2221341	77.976	ng	0.00
42) 2,4,6-Tribromophenol	15.748	330	1056730	102.085	ng	0.00
45) 2-Fluorobiphenyl	12.883	172	4321338	69.487	ng	0.00
79) Terphenyl-d14	19.607	244	4752430	73.011	ng	0.00
Target Compounds						
32) Benzoic acid	9.731	122	71	4.825	ng	Qvalue # 49

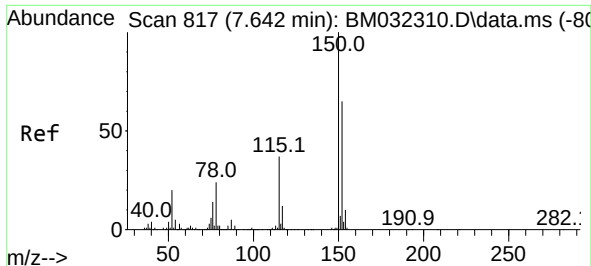
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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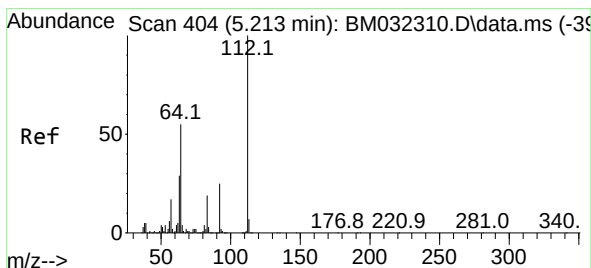
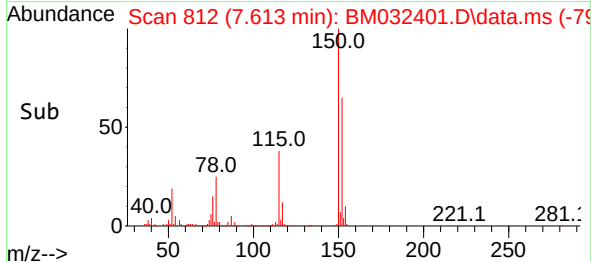
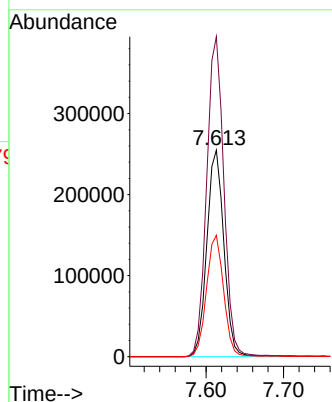
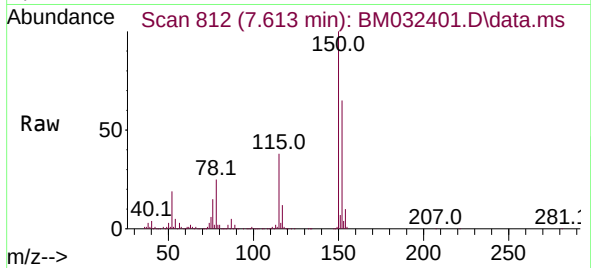




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.613 min Scan# 812
Delta R.T. -0.006 min
Lab File: BM032401.D
Acq: 08 Oct 2021 19:55

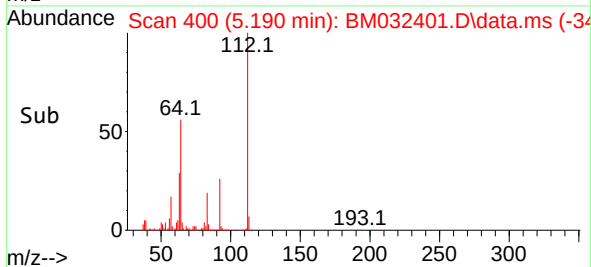
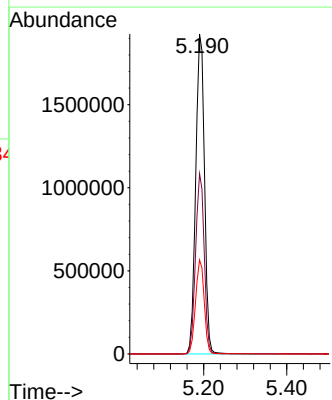
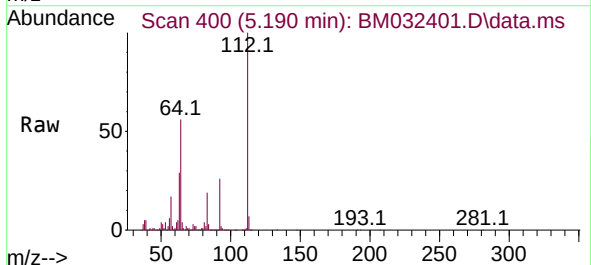
Instrument :
BNA_M
ClientSampleId :
TS-3

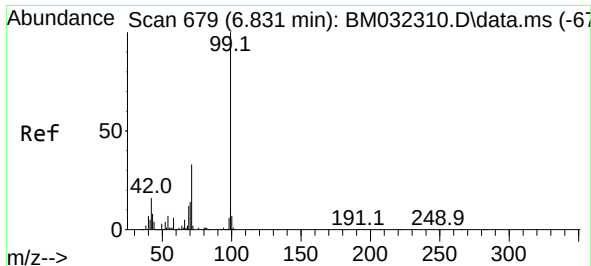
Tgt Ion:152 Resp: 389809
Ion Ratio Lower Upper
152 100
150 155.0 122.4 183.6
115 58.8 53.8 80.8



#5
2-Fluorophenol
Concen: 121.985 ng
RT: 5.190 min Scan# 400
Delta R.T. 0.000 min
Lab File: BM032401.D
Acq: 08 Oct 2021 19:55

Tgt Ion:112 Resp: 2822164
Ion Ratio Lower Upper
112 100
64 56.3 53.7 80.5
63 29.4 33.9 50.9#

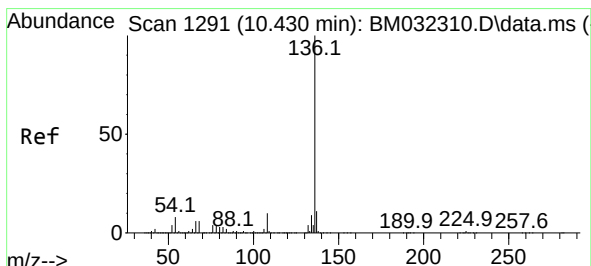
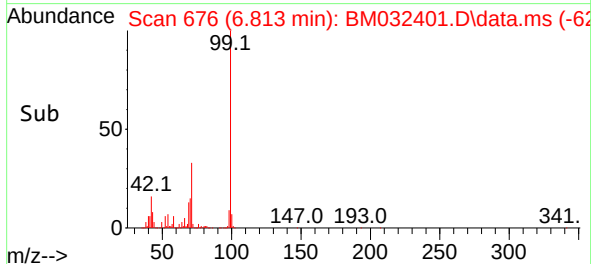
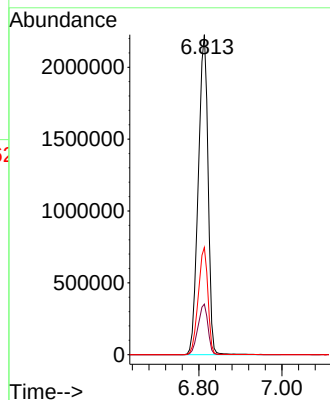
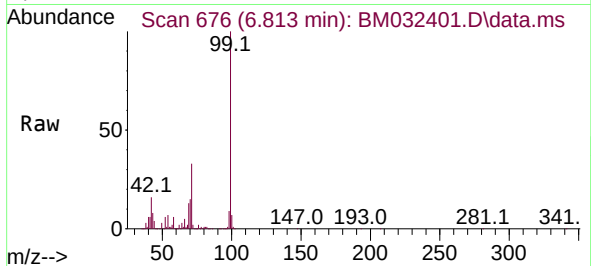




#7
Phenol-d6
Concen: 114.997 ng
RT: 6.813 min Scan# 676
Delta R.T. 0.000 min
Lab File: BM032401.D
Acq: 08 Oct 2021 19:55

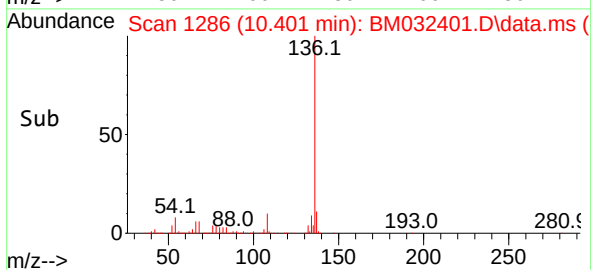
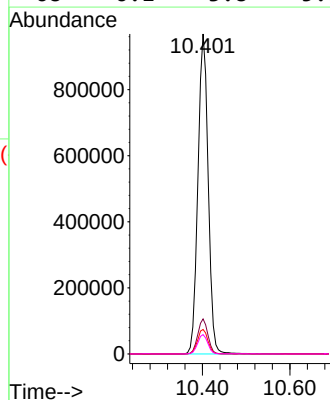
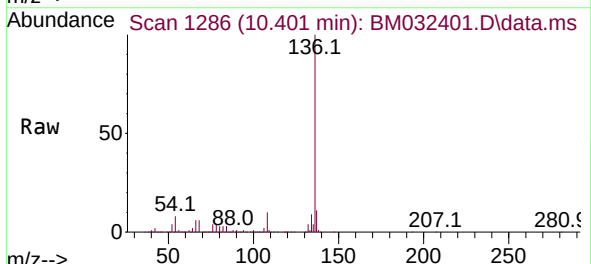
Instrument :
BNA_M
ClientSampleId :
TS-3

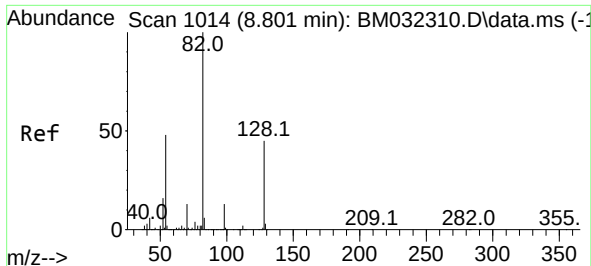
Tgt Ion: 99 Resp: 3638256
Ion Ratio Lower Upper
99 100
42 15.8 23.0 34.6#
71 33.5 37.8 56.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.401 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BM032401.D
Acq: 08 Oct 2021 19:55

Tgt Ion: 136 Resp: 1584412
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 7.6 7.4 11.0
68 6.1 3.8 5.8#

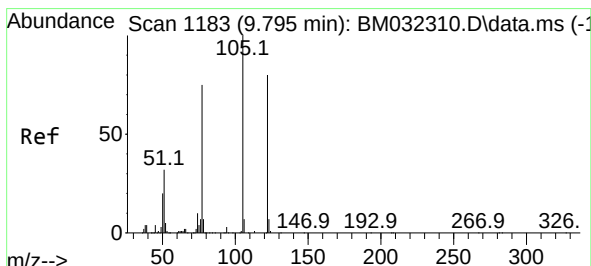
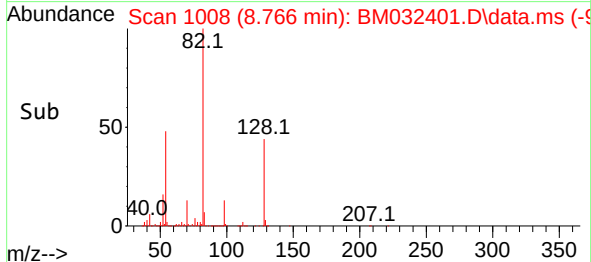
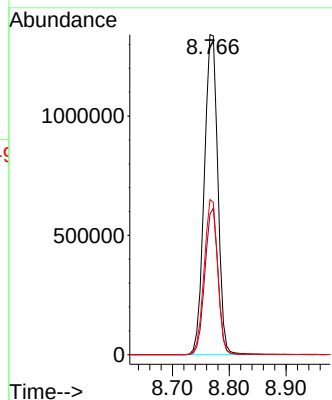
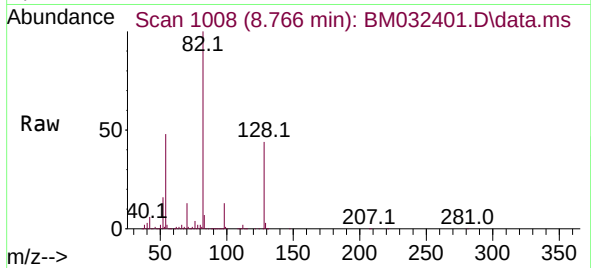




#23
Nitrobenzene-d5
Concen: 77.976 ng
RT: 8.766 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BM032401.D
Acq: 08 Oct 2021 19:55

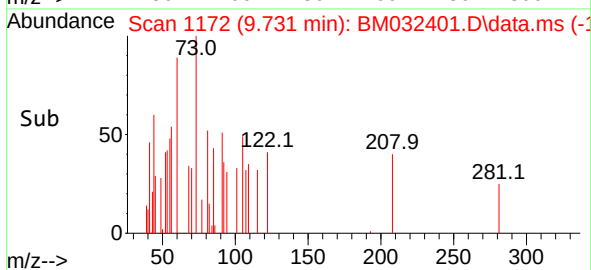
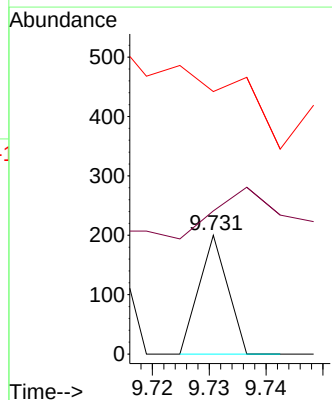
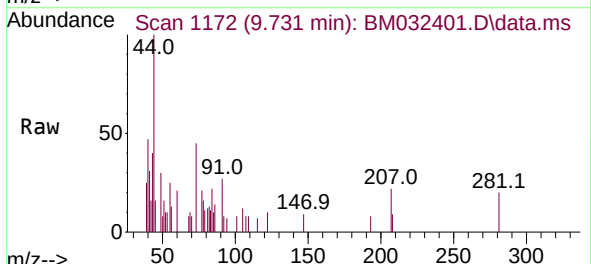
Instrument :
BNA_M
ClientSampled :
TS-3

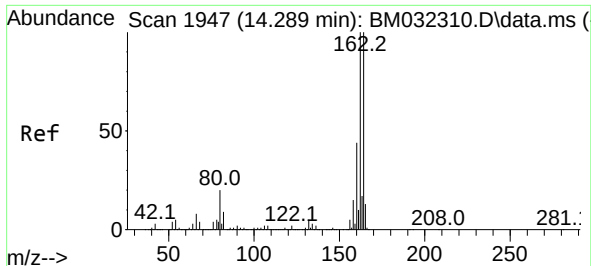
Tgt Ion: 82 Resp: 2221341
Ion Ratio Lower Upper
82 100
128 43.9 29.0 43.6#
54 48.5 45.8 68.8



#32
Benzoic acid
Concen: 4.825 ng
RT: 9.731 min Scan# 1172
Delta R.T. -0.041 min
Lab File: BM032401.D
Acq: 08 Oct 2021 19:55

Tgt Ion:122 Resp: 71
Ion Ratio Lower Upper
122 100
105 120.5 120.3 160.3
77 221.0 100.0 140.0#

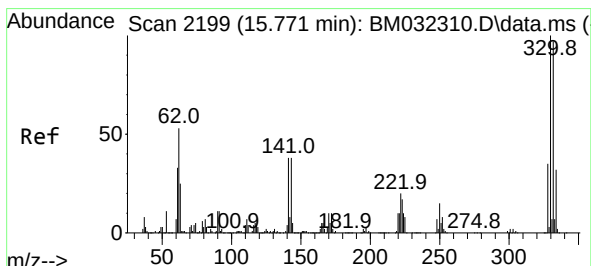
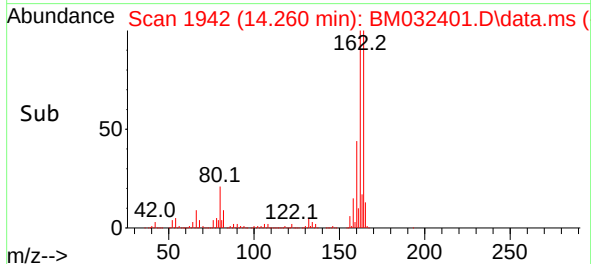
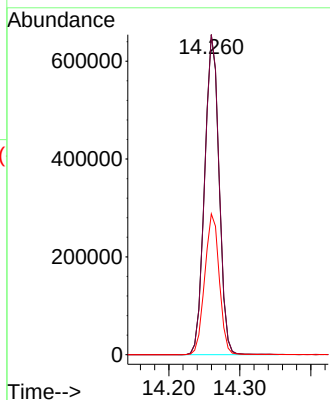
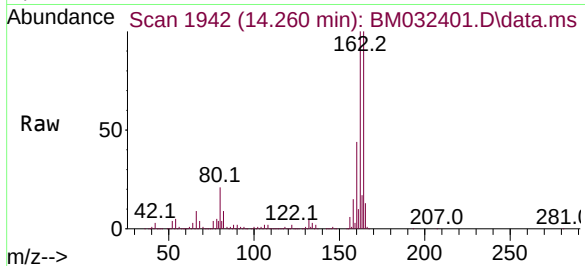




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.260 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BM032401.D
Acq: 08 Oct 2021 19:55

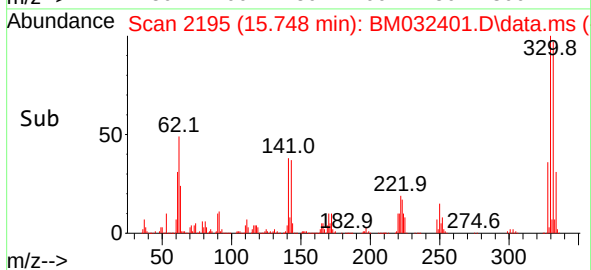
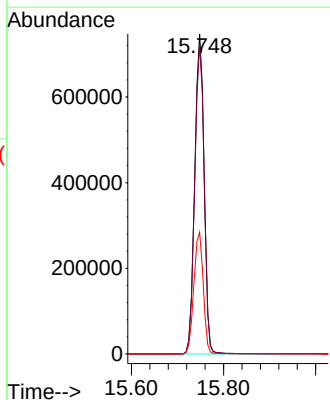
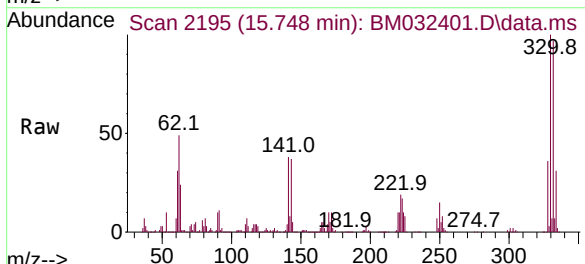
Instrument :
BNA_M
ClientSampled :
TS-3

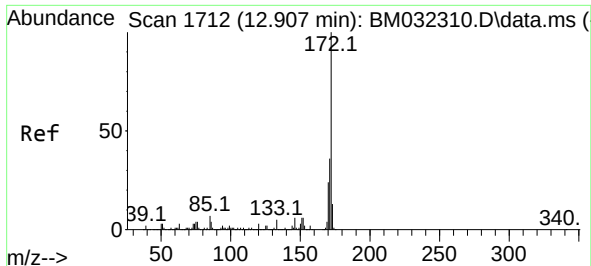
Tgt Ion:164 Resp: 924652
Ion Ratio Lower Upper
164 100
162 100.0 80.6 121.0
160 44.0 35.1 52.7



#42
2,4,6-Tribromophenol
Concen: 102.085 ng
RT: 15.748 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BM032401.D
Acq: 08 Oct 2021 19:55

Tgt Ion:330 Resp: 1056730
Ion Ratio Lower Upper
330 100
332 97.0 75.7 113.5
141 38.3 50.7 76.1#

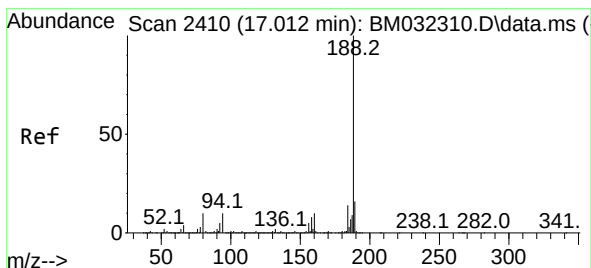
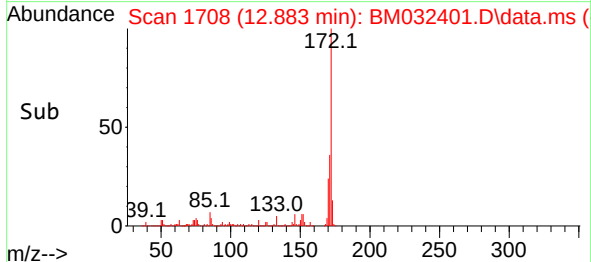
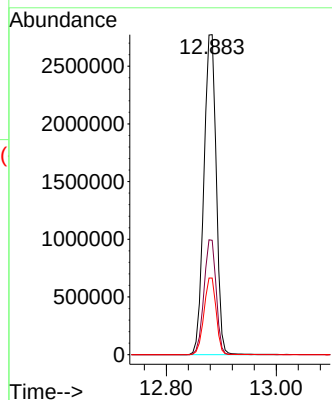
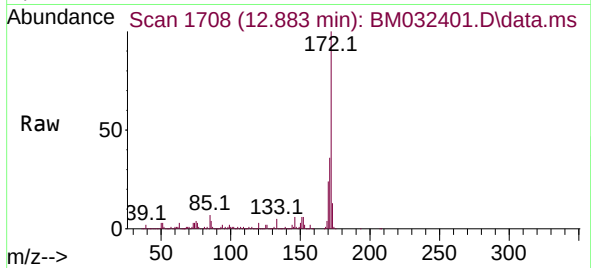




#45
2-Fluorobiphenyl
Concen: 69.487 ng
RT: 12.883 min Scan# 1708
Delta R.T. 0.000 min
Lab File: BM032401.D
Acq: 08 Oct 2021 19:55

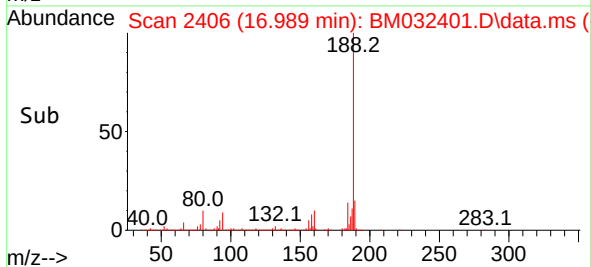
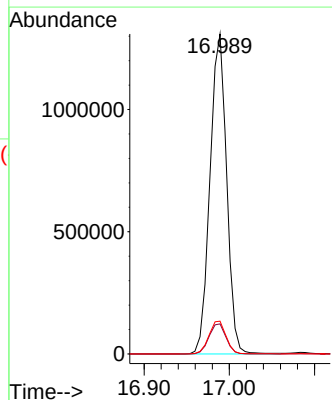
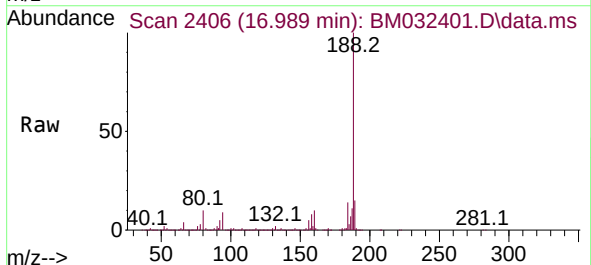
Instrument :
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TS-3

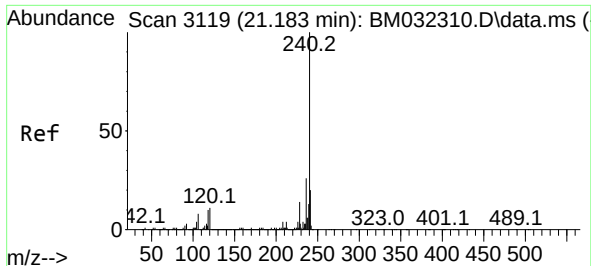
Tgt Ion:172 Resp: 4321338
Ion Ratio Lower Upper
172 100
171 35.8 28.1 42.1
170 24.0 18.6 27.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.989 min Scan# 2406
Delta R.T. -0.006 min
Lab File: BM032401.D
Acq: 08 Oct 2021 19:55

Tgt Ion:188 Resp: 1777393
Ion Ratio Lower Upper
188 100
94 9.4 6.3 9.5
80 10.3 7.3 10.9

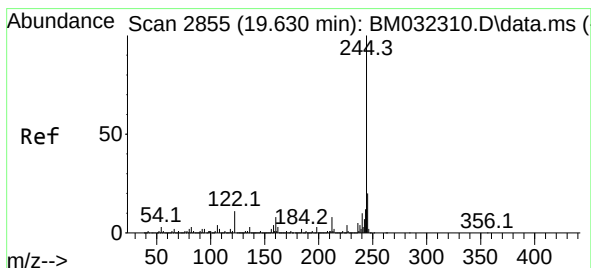
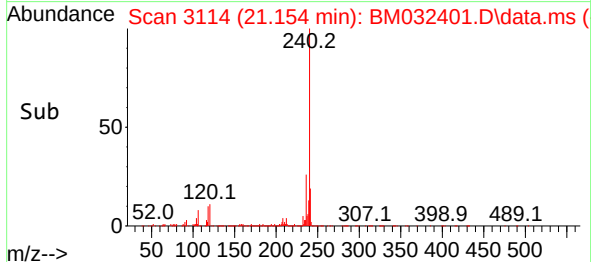
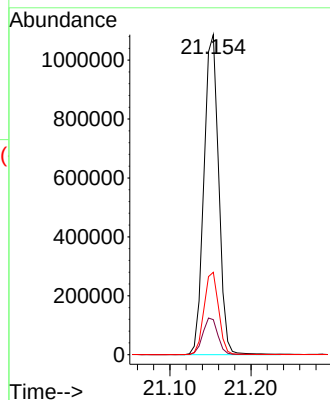
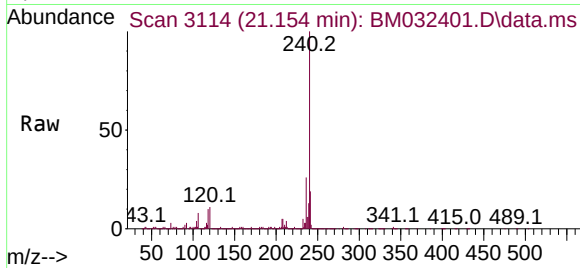




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.154 min Scan# 3114
Delta R.T. -0.006 min
Lab File: BM032401.D
Acq: 08 Oct 2021 19:55

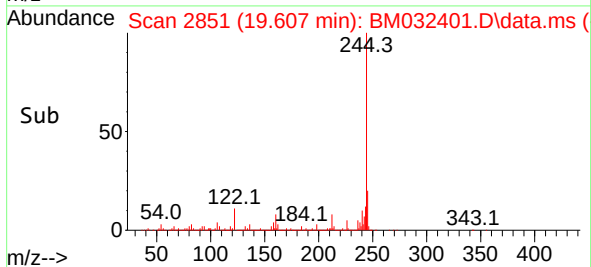
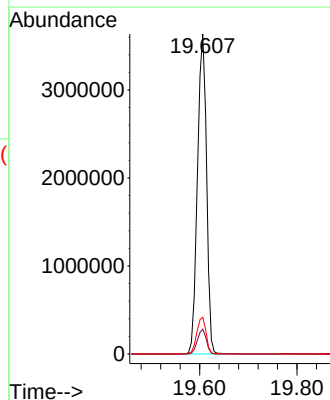
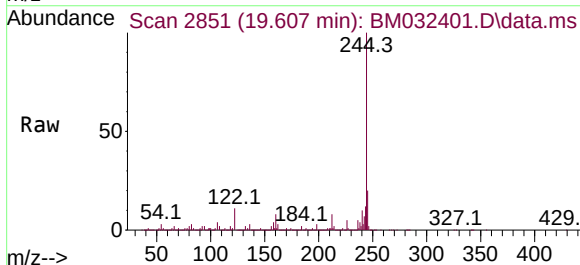
Instrument :
BNA_M
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TS-3

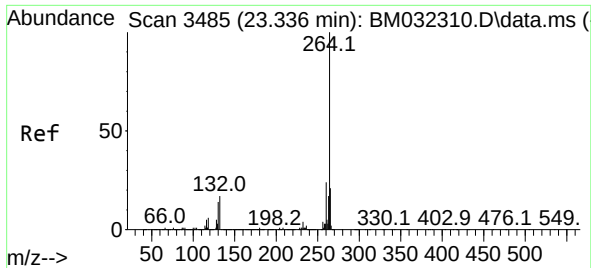
Tgt Ion:240 Resp: 1370860
Ion Ratio Lower Upper
240 100
120 11.0 7.8 11.6
236 25.7 20.9 31.3



#79
Terphenyl-d14
Concen: 73.011 ng
RT: 19.607 min Scan# 2851
Delta R.T. 0.000 min
Lab File: BM032401.D
Acq: 08 Oct 2021 19:55

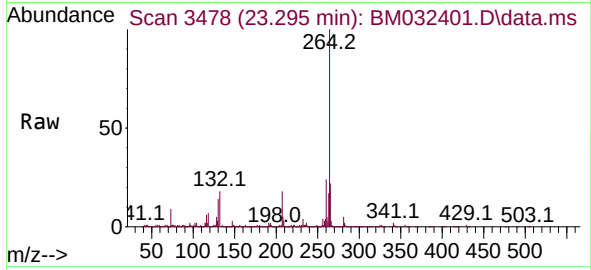
Tgt Ion:244 Resp: 4752430
Ion Ratio Lower Upper
244 100
212 7.8 6.5 9.7
122 11.5 8.7 13.1





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.295 min Scan# 3478
 Delta R.T. -0.006 min
 Lab File: BM032401.D
 Acq: 08 Oct 2021 19:55

Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion:264 Resp: 1154811

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.3	28.9
265	22.4	18.3	27.5

