

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM053122\
 Data File : BM035324.D
 Acq On : 31 May 2022 12:21
 Operator : CG/JU
 Sample : PB145186BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB145186BL

Quant Time: May 31 15:37:41 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 31 15:35:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	130789	20.000	ng	0.00
21) Naphthalene-d8	10.669	136	481399	20.000	ng	# 0.00
39) Acenaphthene-d10	14.504	164	298603	20.000	ng	0.00
64) Phenanthrene-d10	17.251	188	603357	20.000	ng	# 0.00
76) Chrysene-d12	21.433	240	489025	20.000	ng	# 0.00
86) Perylene-d12	23.797	264	473438	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	1007454	142.224	ng	0.00
7) Phenol-d6	7.046	99	1232767	134.402	ng	0.00
23) Nitrobenzene-d5	9.028	82	781107	89.320	ng	0.00
42) 2,4,6-Tribromophenol	15.998	330	541747	139.851	ng	0.00
45) 2-Fluorobiphenyl	13.133	172	2056232	95.494	ng	0.00
79) Terphenyl-d14	19.874	244	2807888	101.745	ng	0.00

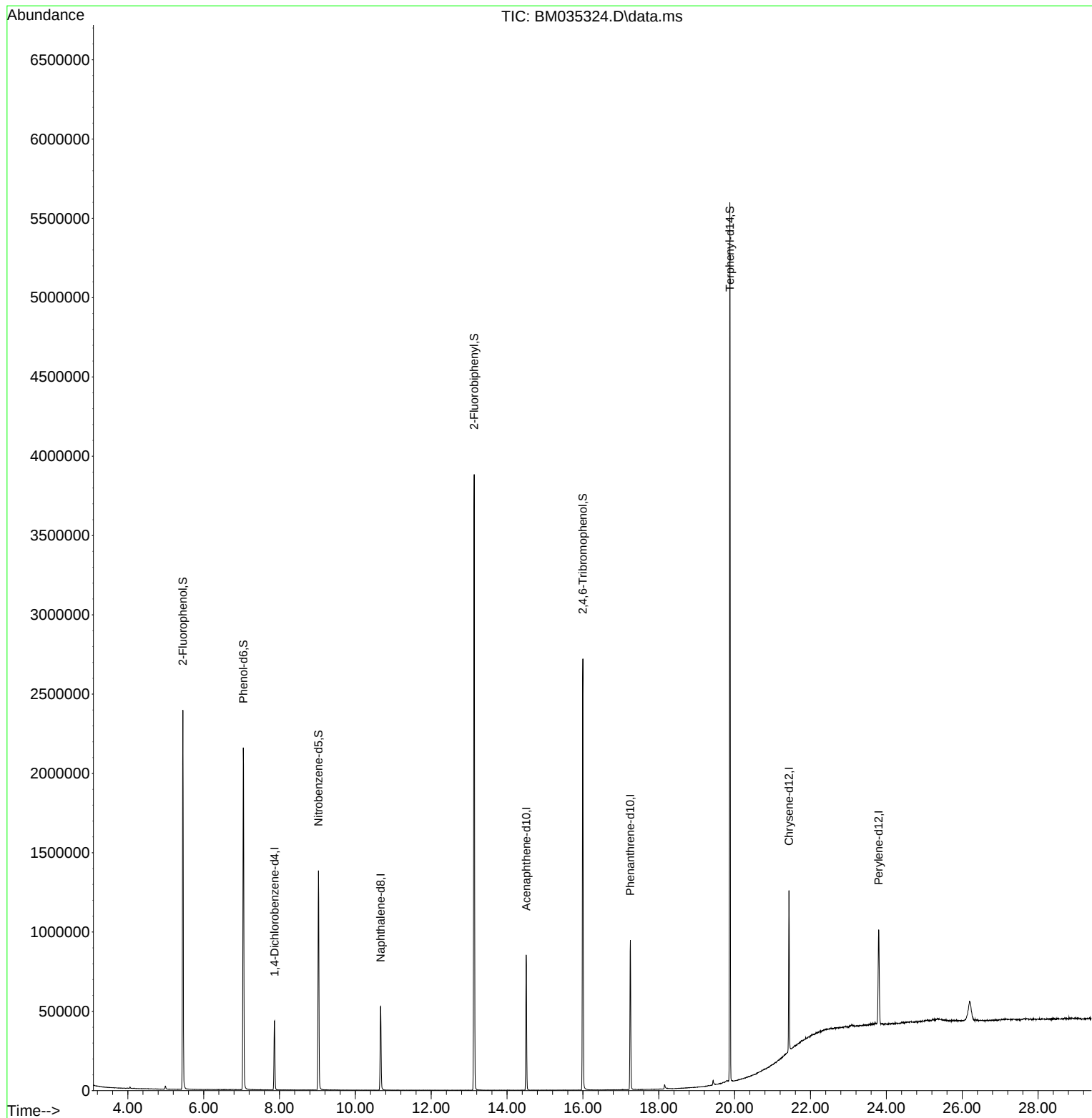
Target Compounds	Qvalue

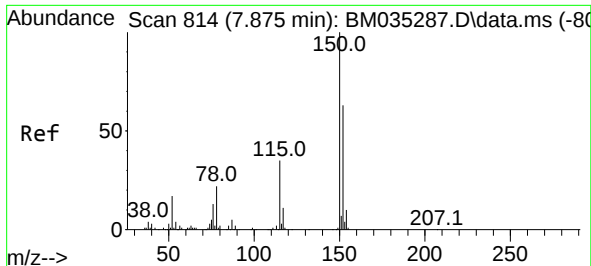
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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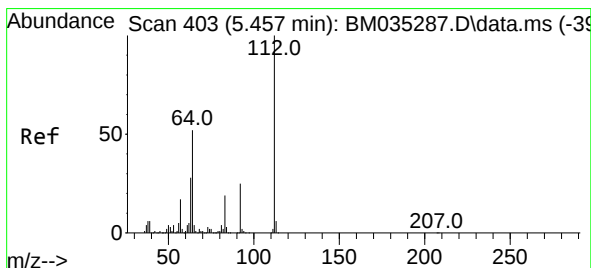
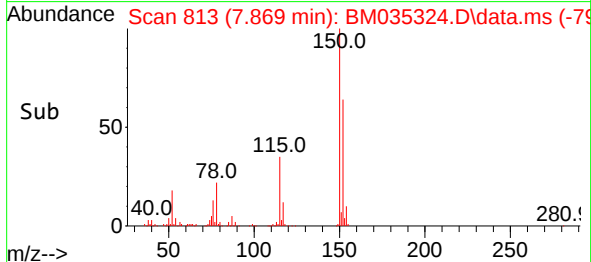
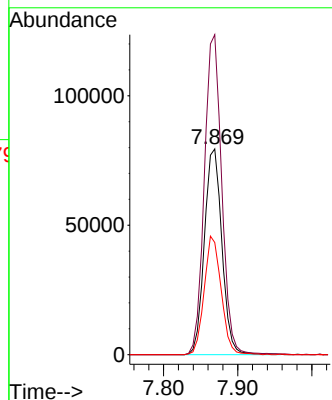
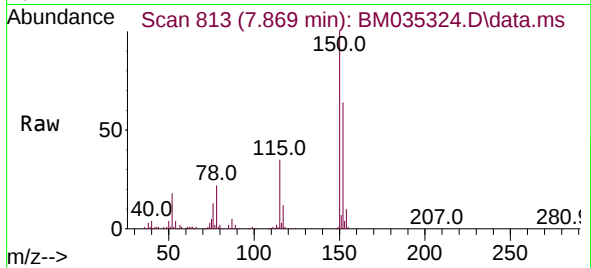




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.869 min Scan# 814
Delta R.T. 0.006 min
Lab File: BM035324.D
Acq: 31 May 2022 12:21

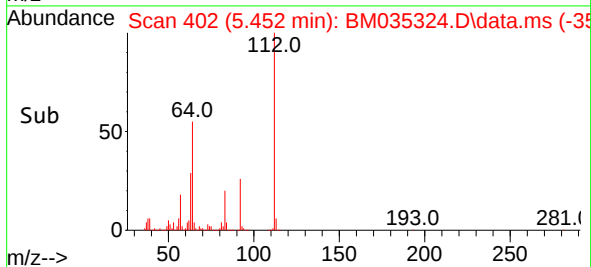
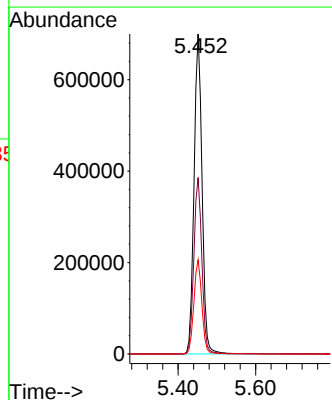
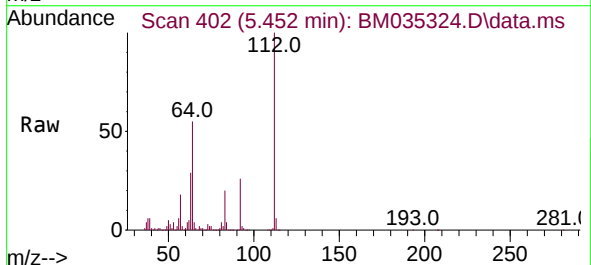
Instrument :
BNA_M
ClientSampleId :
PB145186BL

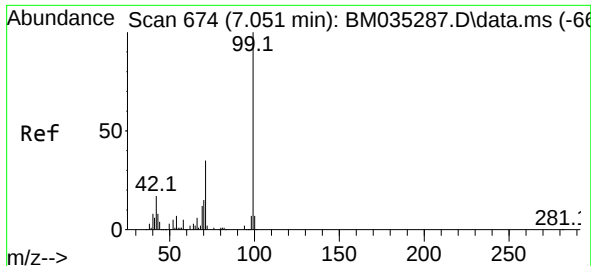
Tgt Ion:152 Resp: 130789
Ion Ratio Lower Upper
152 100
150 155.5 124.9 187.3
115 54.5 47.9 71.9



#5
2-Fluorophenol
Concen: 142.224 ng
RT: 5.452 min Scan# 402
Delta R.T. 0.006 min
Lab File: BM035324.D
Acq: 31 May 2022 12:21

Tgt Ion:112 Resp: 1007454
Ion Ratio Lower Upper
112 100
64 55.2 47.8 71.6
63 29.4 26.6 40.0

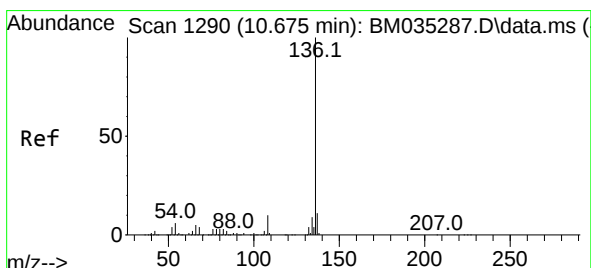
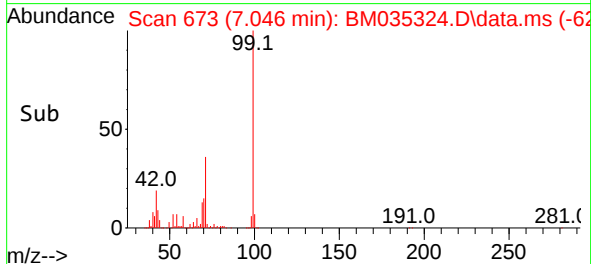
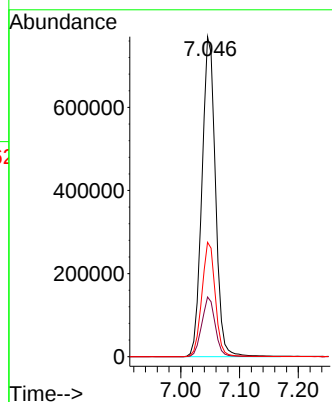
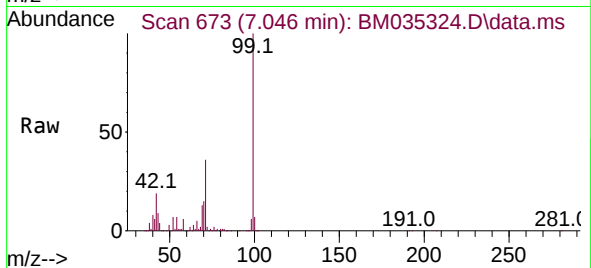




#7
Phenol-d6
Concen: 134.402 ng
RT: 7.046 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM035324.D
Acq: 31 May 2022 12:21

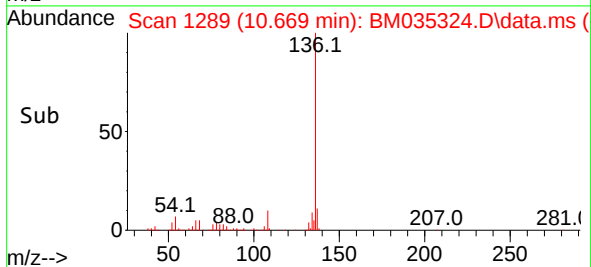
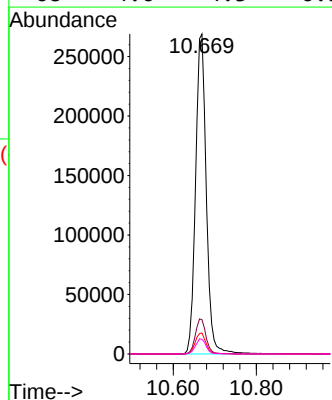
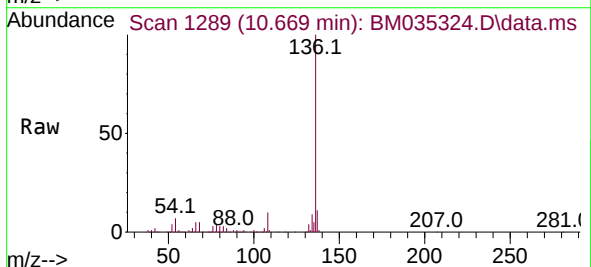
Instrument :
BNA_M
ClientSampleId :
PB145186BL

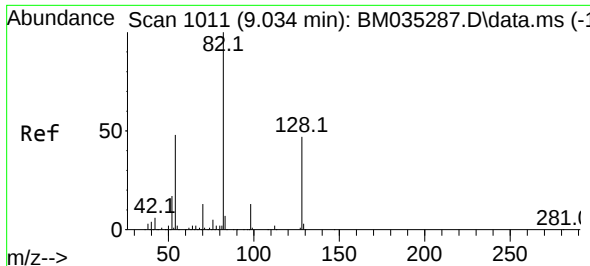
Tgt Ion: 99 Resp: 1232767
Ion Ratio Lower Upper
99 100
42 18.7 18.8 28.2#
71 35.8 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.669 min Scan# 1289
Delta R.T. 0.006 min
Lab File: BM035324.D
Acq: 31 May 2022 12:21

Tgt Ion:136 Resp: 481399
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 6.6 7.0 10.4#
68 4.6 4.3 6.5

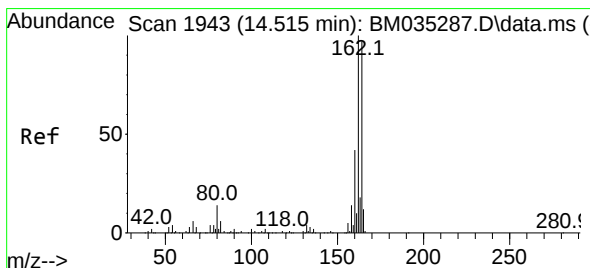
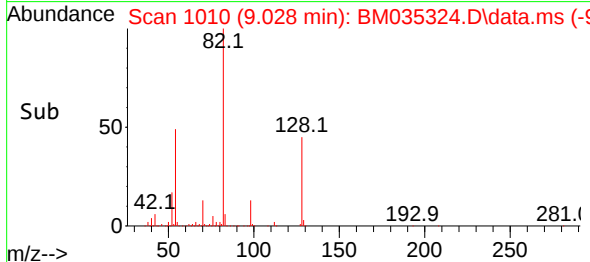
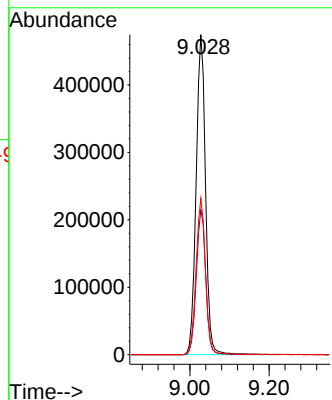
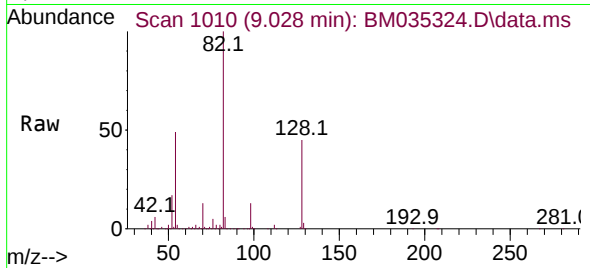




#23
Nitrobenzene-d5
Concen: 89.320 ng
RT: 9.028 min Scan# 1011
Delta R.T. 0.000 min
Lab File: BM035324.D
Acq: 31 May 2022 12:21

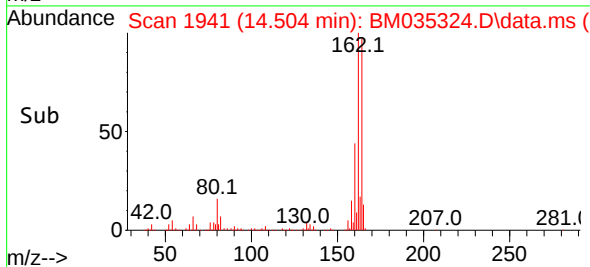
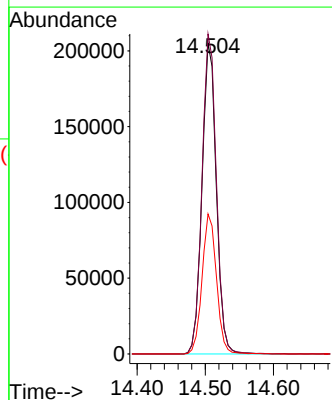
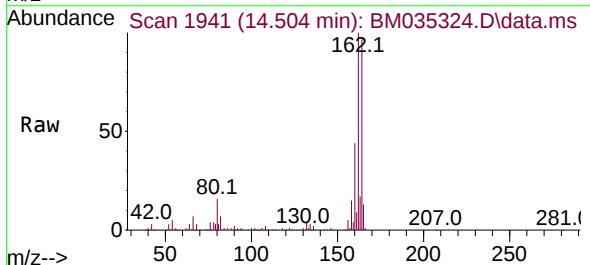
Instrument :
BNA_M
ClientSampleId :
PB145186BL

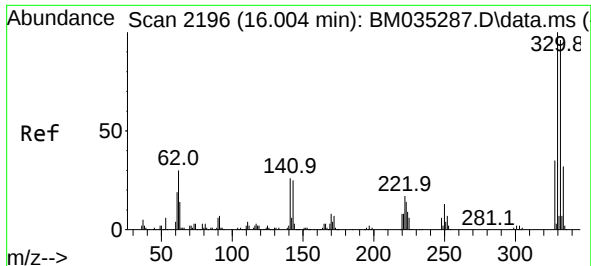
Tgt Ion: 82 Resp: 781107
Ion Ratio Lower Upper
82 100
128 45.3 33.7 50.5
54 48.9 43.2 64.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.504 min Scan# 1941
Delta R.T. 0.000 min
Lab File: BM035324.D
Acq: 31 May 2022 12:21

Tgt Ion: 164 Resp: 298603
Ion Ratio Lower Upper
164 100
162 103.0 83.0 124.6
160 45.0 37.0 55.4

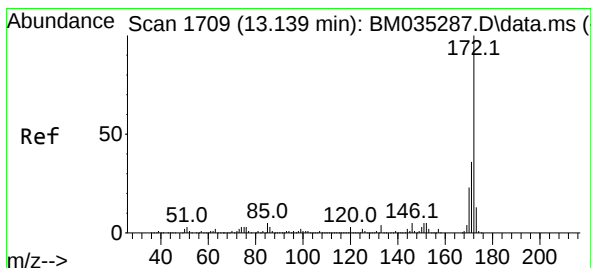
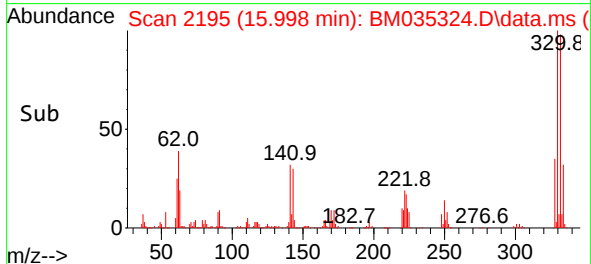
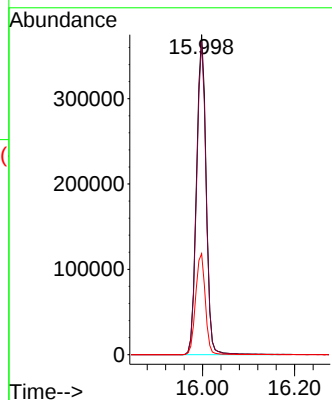
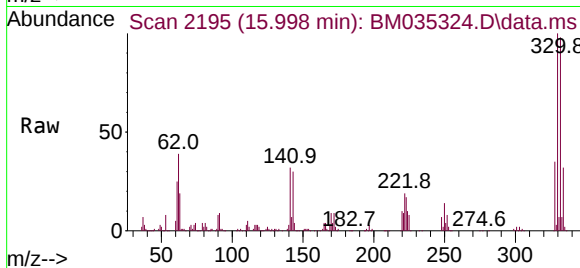




#42
2,4,6-Tribromophenol
Concen: 139.851 ng
RT: 15.998 min Scan# 2195
Delta R.T. 0.000 min
Lab File: BM035324.D
Acq: 31 May 2022 12:21

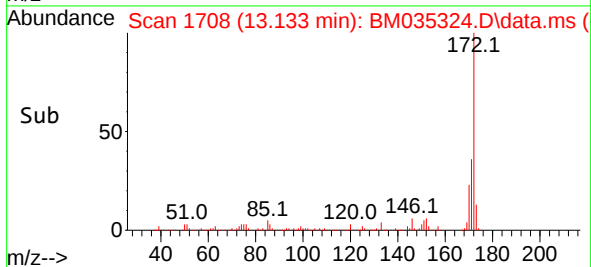
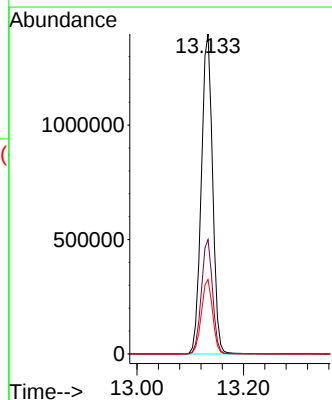
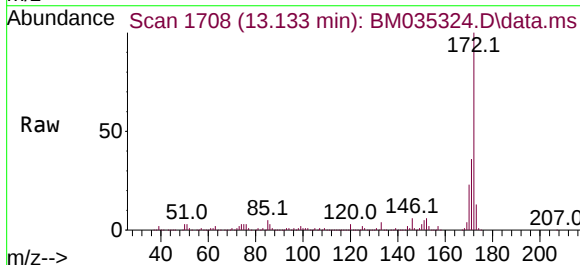
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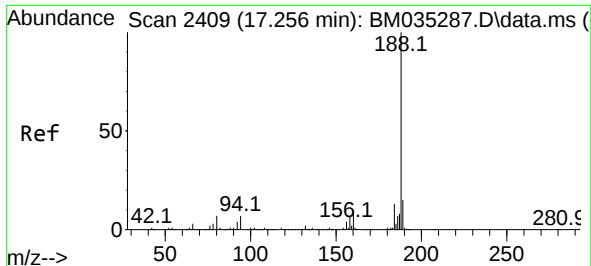
Tgt Ion:330 Resp: 541747
Ion Ratio Lower Upper
330 100
332 96.3 77.0 115.4
141 31.9 35.3 52.9#



#45
2-Fluorobiphenyl
Concen: 95.494 ng
RT: 13.133 min Scan# 1708
Delta R.T. 0.000 min
Lab File: BM035324.D
Acq: 31 May 2022 12:21

Tgt Ion:172 Resp: 2056232
Ion Ratio Lower Upper
172 100
171 35.8 28.5 42.7
170 23.2 18.7 28.1

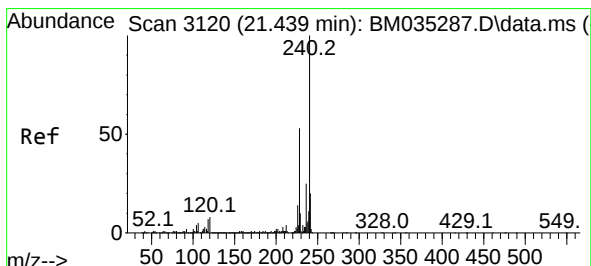
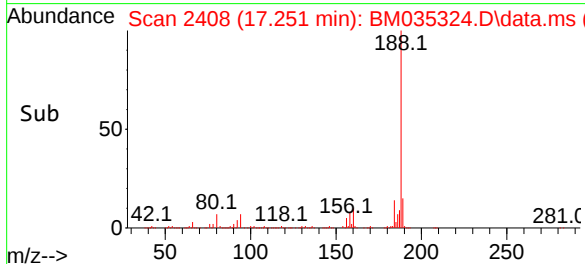
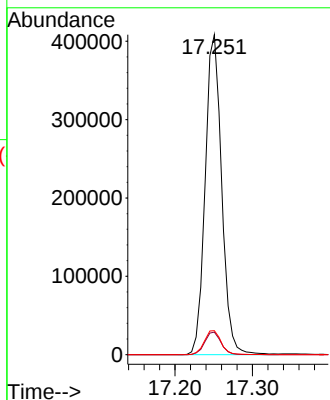
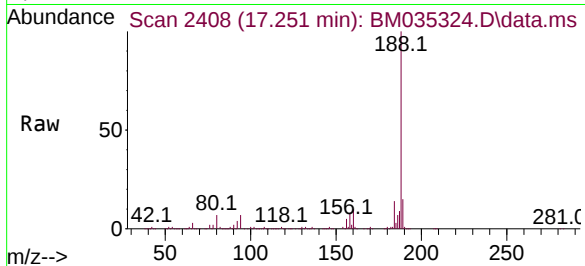




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.251 min Scan# 2408
Delta R.T. 0.000 min
Lab File: BM035324.D
Acq: 31 May 2022 12:21

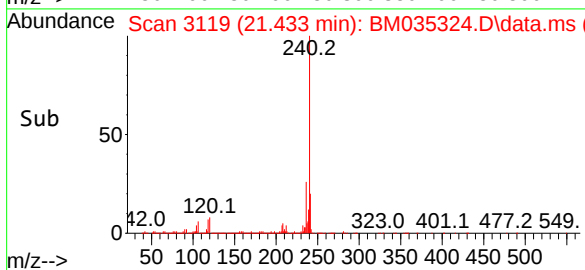
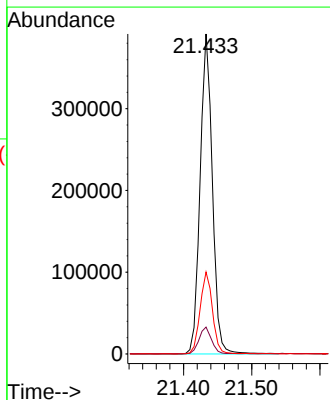
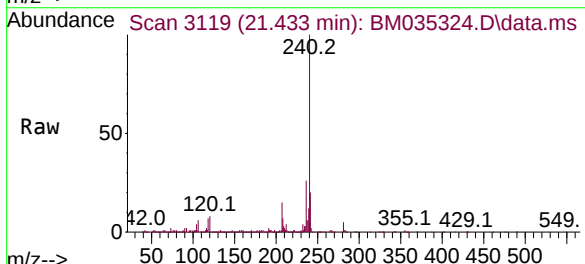
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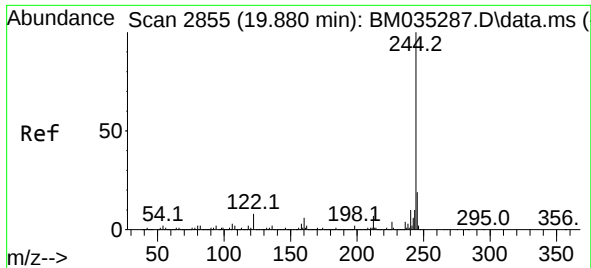
Tgt Ion:188 Resp: 603357
Ion Ratio Lower Upper
188 100
94 7.0 7.0 10.4
80 7.5 7.6 11.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.433 min Scan# 3119
Delta R.T. 0.000 min
Lab File: BM035324.D
Acq: 31 May 2022 12:21

Tgt Ion:240 Resp: 489025
Ion Ratio Lower Upper
240 100
120 8.4 9.4 14.0#
236 25.6 20.6 30.8

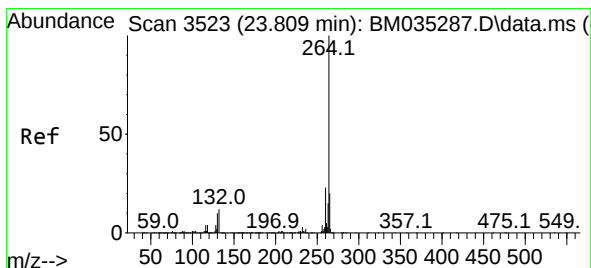
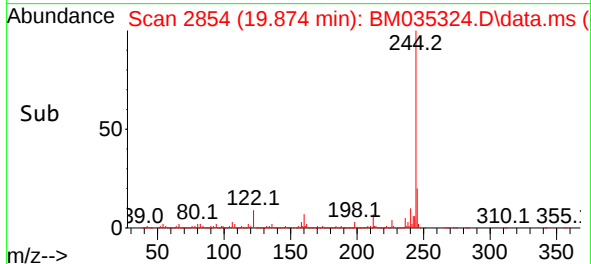
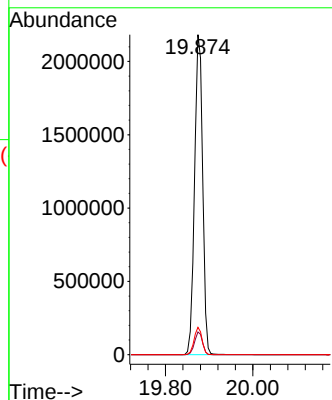
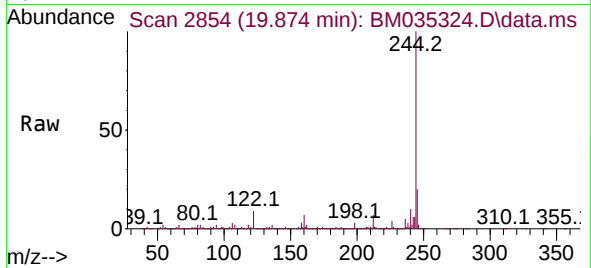




#79
 Terphenyl-d14
 Concen: 101.745 ng
 RT: 19.874 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM035324.D
 Acq: 31 May 2022 12:21

Instrument :
 BNA_M
 ClientSampleId :
 PB145186BL

Tgt Ion:244 Resp: 2807888
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.2 9.4
 122 8.5 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.797 min Scan# 3521
 Delta R.T. -0.006 min
 Lab File: BM035324.D
 Acq: 31 May 2022 12:21

Tgt Ion:264 Resp: 473438
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.9 28.3
 265 22.6 17.5 26.3

