

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052322\
 Data File : BM035197.D
 Acq On : 23 May 2022 16:57
 Operator : CG/JU
 Sample : N2894-18
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P008-SS002-2430-01

Quant Time: May 24 03:16:54 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 20 04:53:59 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.898	152	134541	20.000	ng	0.00
21) Naphthalene-d8	10.704	136	506240	20.000	ng	0.00
39) Acenaphthene-d10	14.539	164	315379	20.000	ng	0.00
64) Phenanthrene-d10	17.280	188	653583	20.000	ng	0.00
76) Chrysene-d12	21.462	240	669656	20.000	ng	-0.01
86) Perylene-d12	23.844	264	729317	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	754303	98.911	ng	0.00
7) Phenol-d6	7.075	99	933237	94.795	ng	0.00
23) Nitrobenzene-d5	9.057	82	615851	65.694	ng	0.00
42) 2,4,6-Tribromophenol	16.027	330	416700	121.462	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	1434367	66.023	ng	0.00
79) Terphenyl-d14	19.909	244	2225839	64.357	ng	0.00

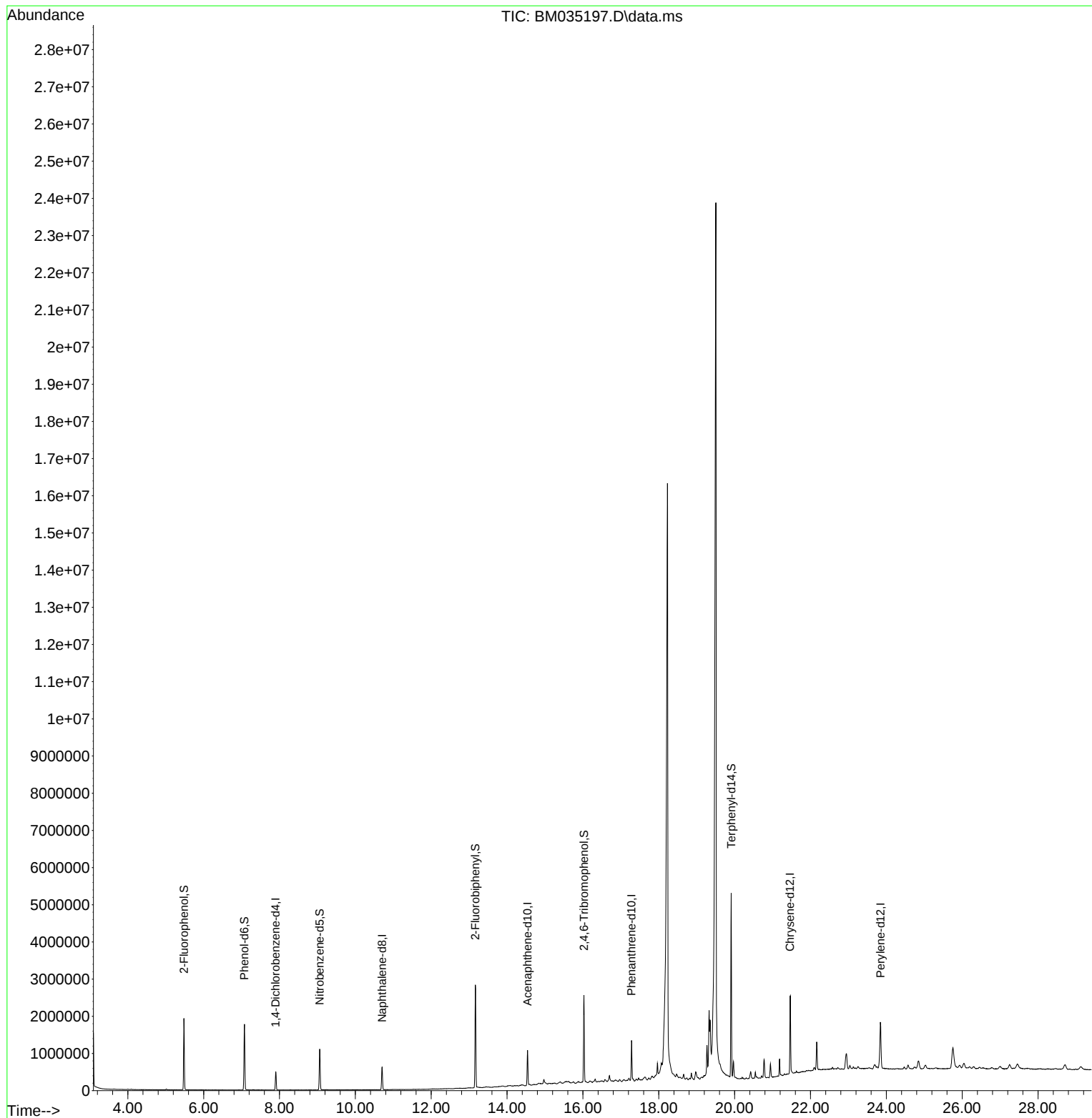
Target Compounds	Qvalue
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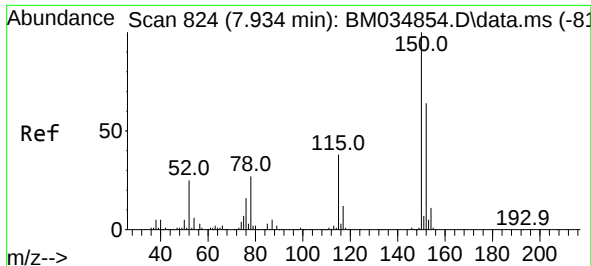
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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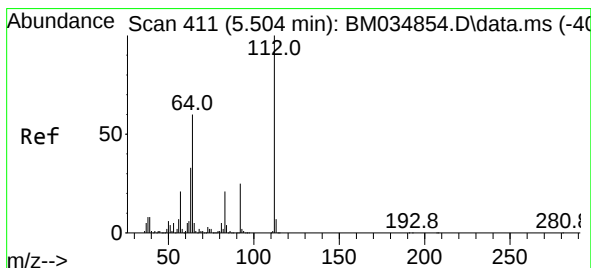
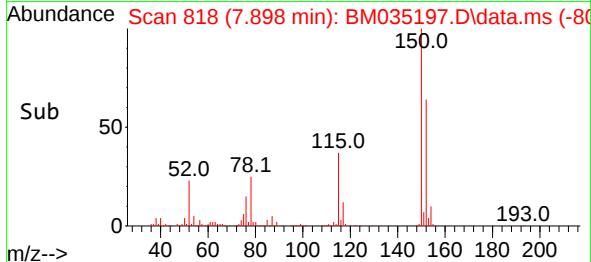
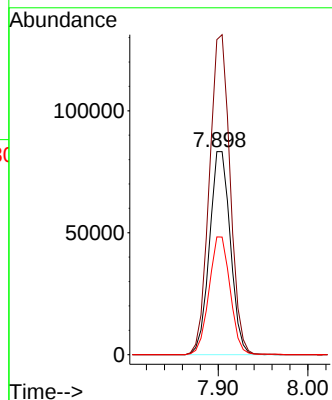
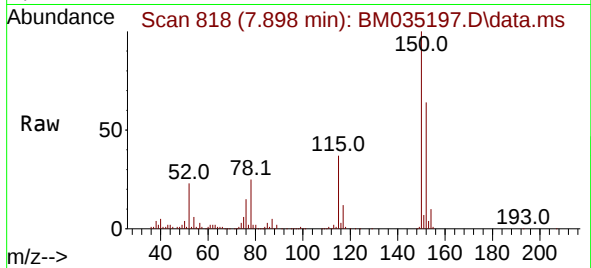




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.898 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM035197.D
Acq: 23 May 2022 16:57

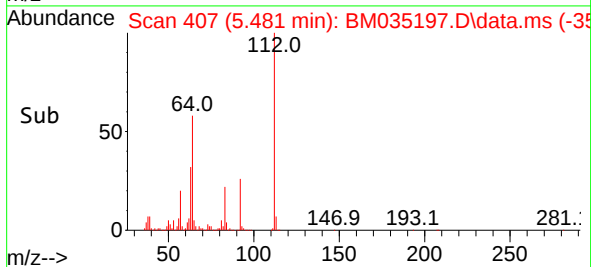
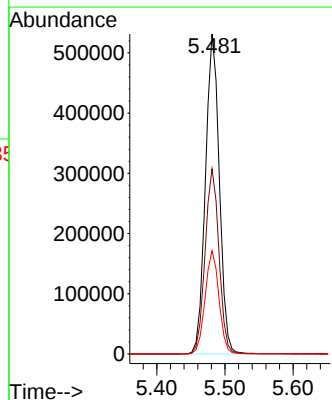
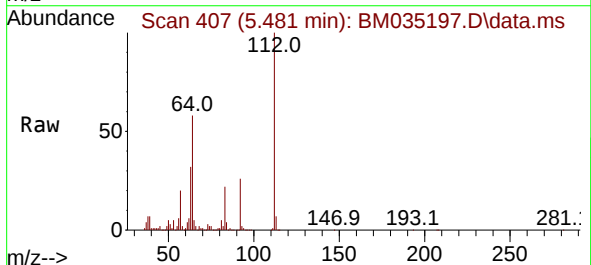
Instrument :
BNA_M
ClientSampleId :
P008-SS002-2430-01

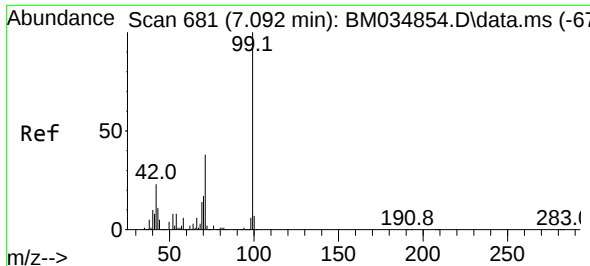
Tgt Ion:152 Resp: 134541
Ion Ratio Lower Upper
152 100
150 155.1 124.9 187.3
115 58.0 47.9 71.9



#5
2-Fluorophenol
Concen: 98.911 ng
RT: 5.481 min Scan# 407
Delta R.T. 0.000 min
Lab File: BM035197.D
Acq: 23 May 2022 16:57

Tgt Ion:112 Resp: 754303
Ion Ratio Lower Upper
112 100
64 57.8 47.8 71.6
63 32.2 26.6 40.0

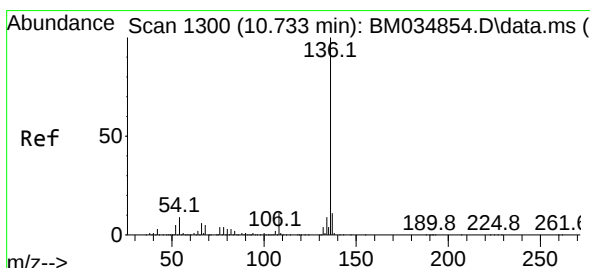
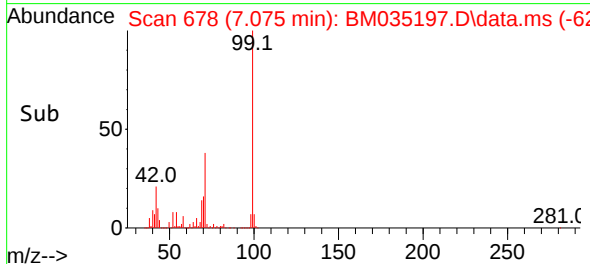
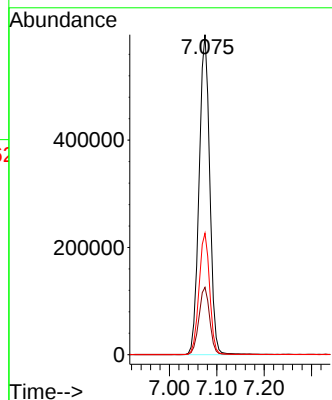
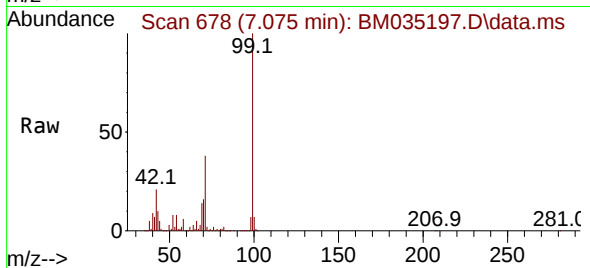




#7
Phenol-d6
Concen: 94.795 ng
RT: 7.075 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM035197.D
Acq: 23 May 2022 16:57

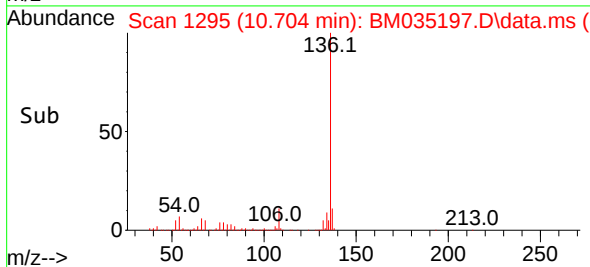
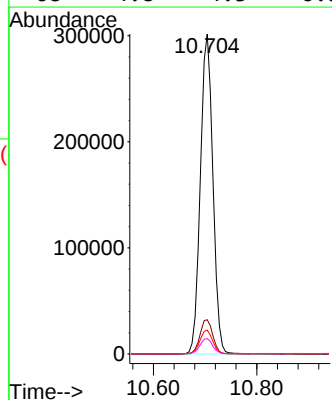
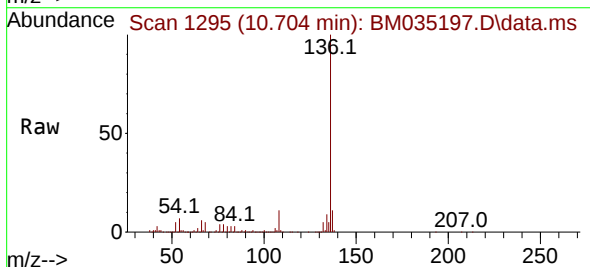
Instrument :
BNA_M
ClientSampleId :
P008-SS002-2430-01

Tgt Ion: 99 Resp: 933237
Ion Ratio Lower Upper
99 100
42 21.1 18.8 28.2
71 37.9 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BM035197.D
Acq: 23 May 2022 16:57

Tgt Ion: 136 Resp: 506240
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 7.5 7.0 10.4
68 4.8 4.3 6.5

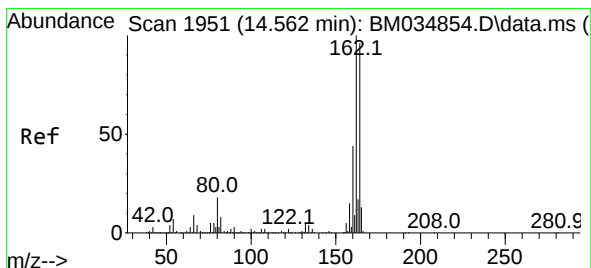
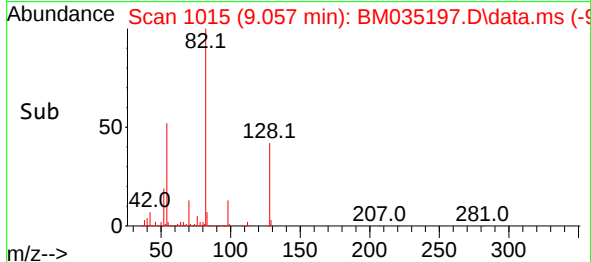
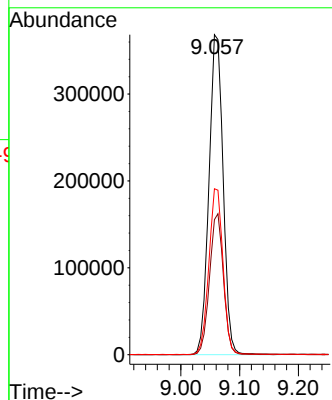
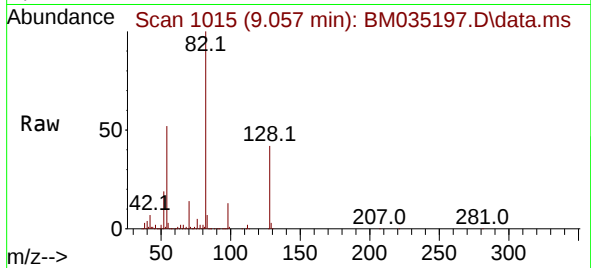




#23
Nitrobenzene-d5
Concen: 65.694 ng
RT: 9.057 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BM035197.D
Acq: 23 May 2022 16:57

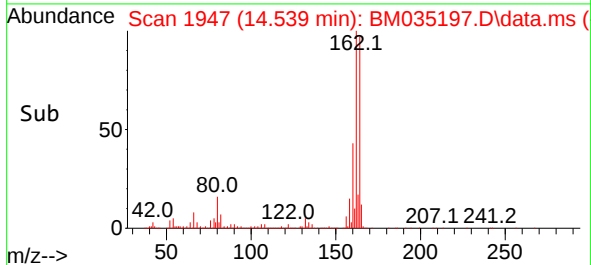
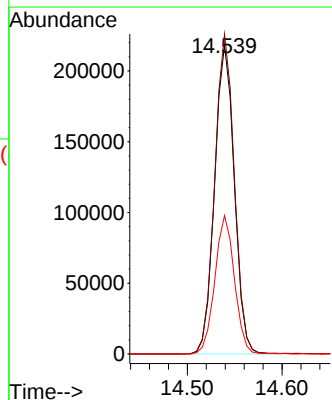
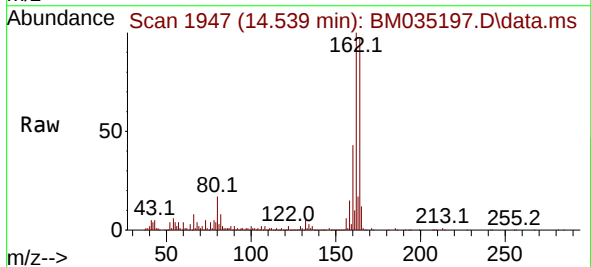
Instrument :
BNA_M
ClientSampleId :
P008-SS002-2430-01

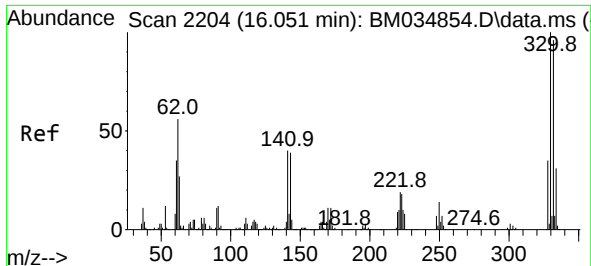
Tgt Ion: 82 Resp: 615851
Ion Ratio Lower Upper
82 100
128 42.2 33.7 50.5
54 51.9 43.2 64.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.539 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BM035197.D
Acq: 23 May 2022 16:57

Tgt Ion:164 Resp: 315379
Ion Ratio Lower Upper
164 100
162 103.5 83.0 124.6
160 44.8 37.0 55.4

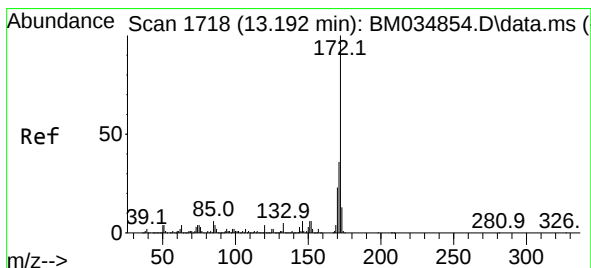
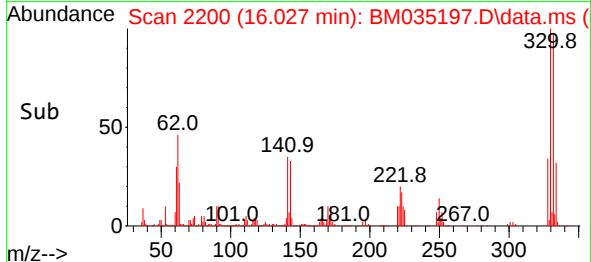
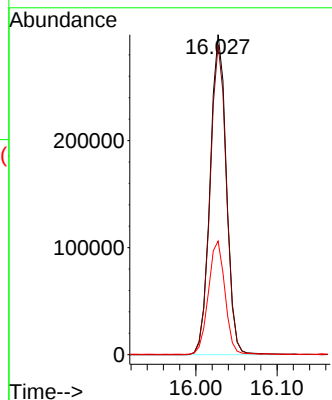
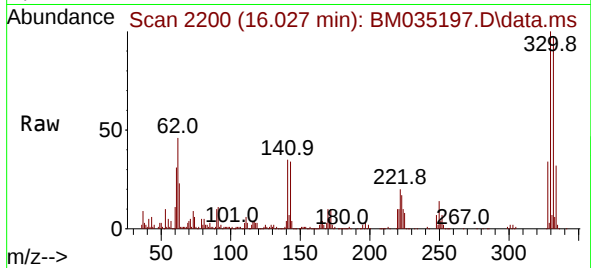




#42
2,4,6-Tribromophenol
Concen: 121.462 ng
RT: 16.027 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM035197.D
Acq: 23 May 2022 16:57

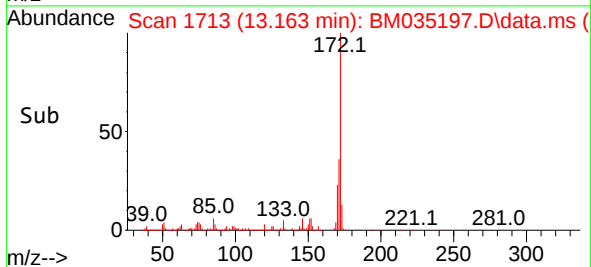
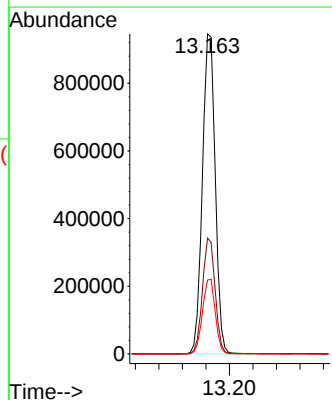
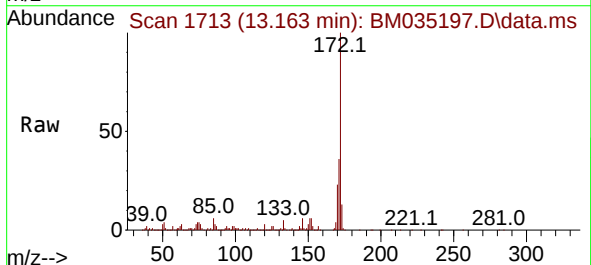
Instrument :
BNA_M
ClientSampleId :
P008-SS002-2430-01

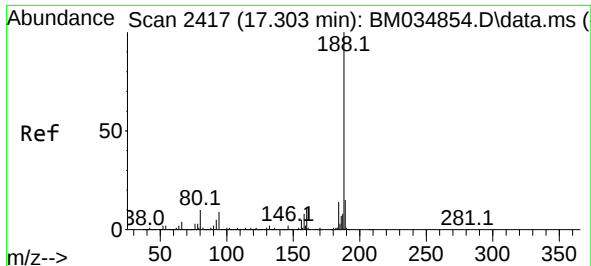
Tgt Ion:330 Resp: 416700
Ion Ratio Lower Upper
330 100
332 96.6 77.0 115.4
141 35.7 35.3 52.9



#45
2-Fluorobiphenyl
Concen: 66.023 ng
RT: 13.163 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BM035197.D
Acq: 23 May 2022 16:57

Tgt Ion:172 Resp: 1434367
Ion Ratio Lower Upper
172 100
171 36.2 28.5 42.7
170 23.1 18.7 28.1

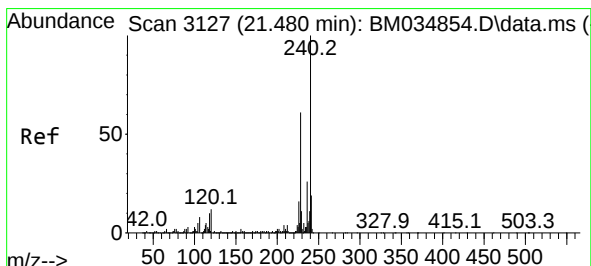
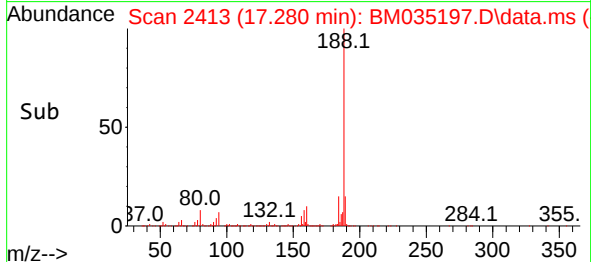
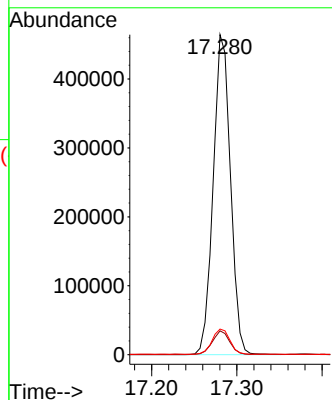
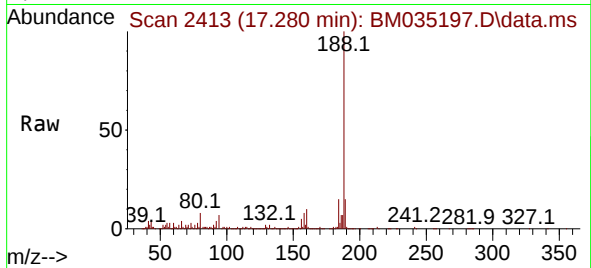




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.280 min Scan# 2417
Delta R.T. -0.006 min
Lab File: BM035197.D
Acq: 23 May 2022 16:57

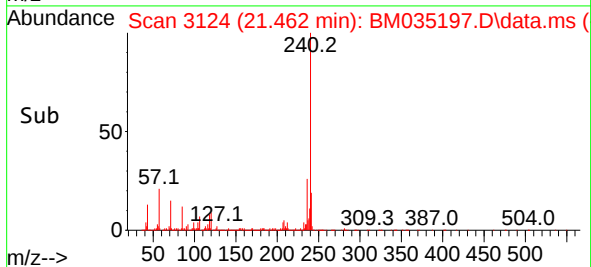
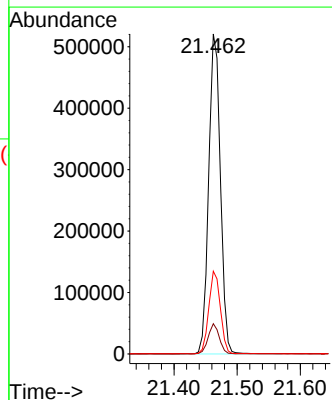
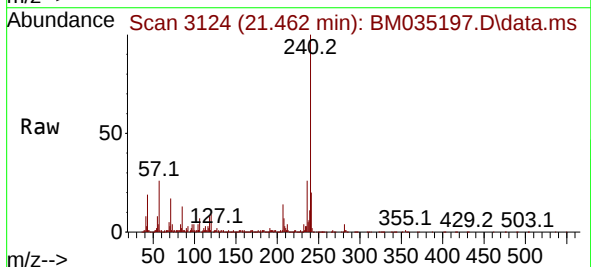
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P008-SS002-2430-01

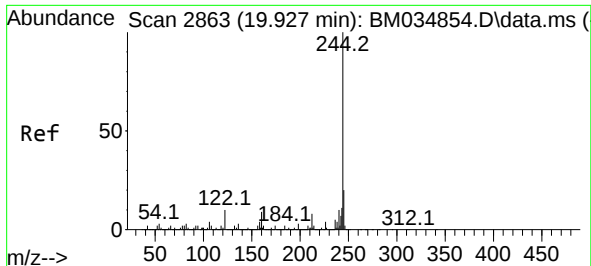
Tgt Ion:188 Resp: 653583
Ion Ratio Lower Upper
188 100
94 7.4 7.0 10.4
80 8.0 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.462 min Scan# 3124
Delta R.T. -0.012 min
Lab File: BM035197.D
Acq: 23 May 2022 16:57

Tgt Ion:240 Resp: 669656
Ion Ratio Lower Upper
240 100
120 9.5 9.4 14.0
236 25.9 20.6 30.8

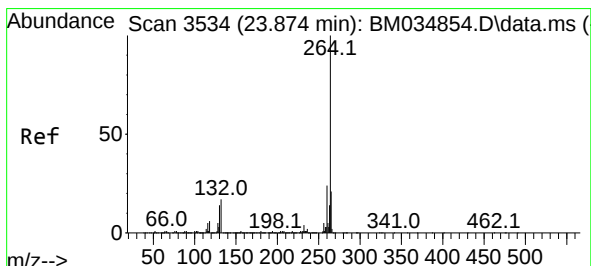
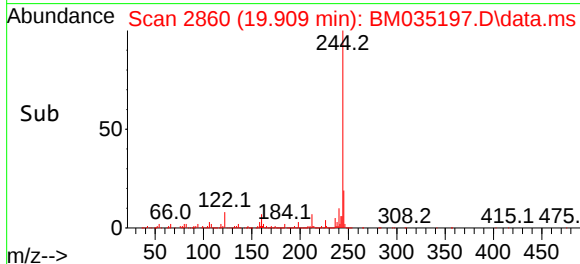
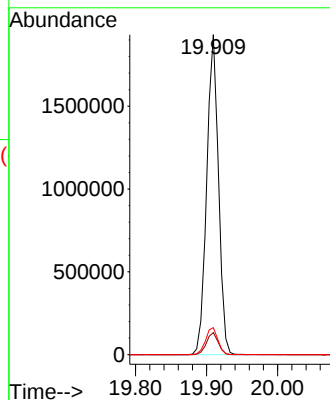
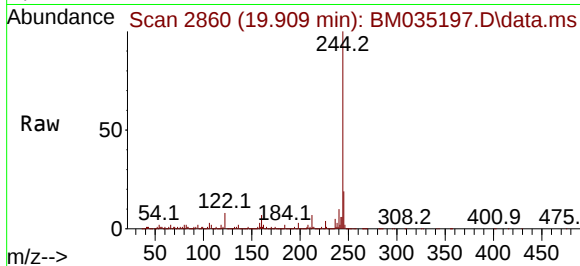




#79
 Terphenyl-d14
 Concen: 64.357 ng
 RT: 19.909 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM035197.D
 Acq: 23 May 2022 16:57

Instrument :
 BNA_M
 ClientSampleId :
 P008-SS002-2430-01

Tgt Ion:244 Resp: 2225839
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.2 9.4
 122 8.5 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.844 min Scan# 3529
 Delta R.T. -0.012 min
 Lab File: BM035197.D
 Acq: 23 May 2022 16:57

Tgt Ion:264 Resp: 729317
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.9 28.3
 265 22.1 17.5 26.3

