

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052022\
 Data File : BM035171.D
 Acq On : 20 May 2022 11:46
 Operator : CG/JU
 Sample : PB144941BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB144941BL

Quant Time: May 23 04:16:34 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	7.904	152	158405	20.000	ng	0.00
21) Naphthalene-d8	10.704	136	652694	20.000	ng	0.00
39) Acenaphthene-d10	14.545	164	426039	20.000	ng	0.00
64) Phenanthrene-d10	17.286	188	858382	20.000	ng	0.00
76) Chrysene-d12	21.468	240	636070	20.000	ng	# 0.00
86) Perylene-d12	23.856	264	577857	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	894168	99.587	ng	0.00
7) Phenol-d6	7.075	99	1105067	95.338	ng	0.00
23) Nitrobenzene-d5	9.063	82	1062635	87.919	ng	0.00
42) 2,4,6-Tribromophenol	16.033	330	457837	98.790	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	2627742	89.537	ng	0.00
79) Terphenyl-d14	19.915	244	3447510	104.943	ng	0.00

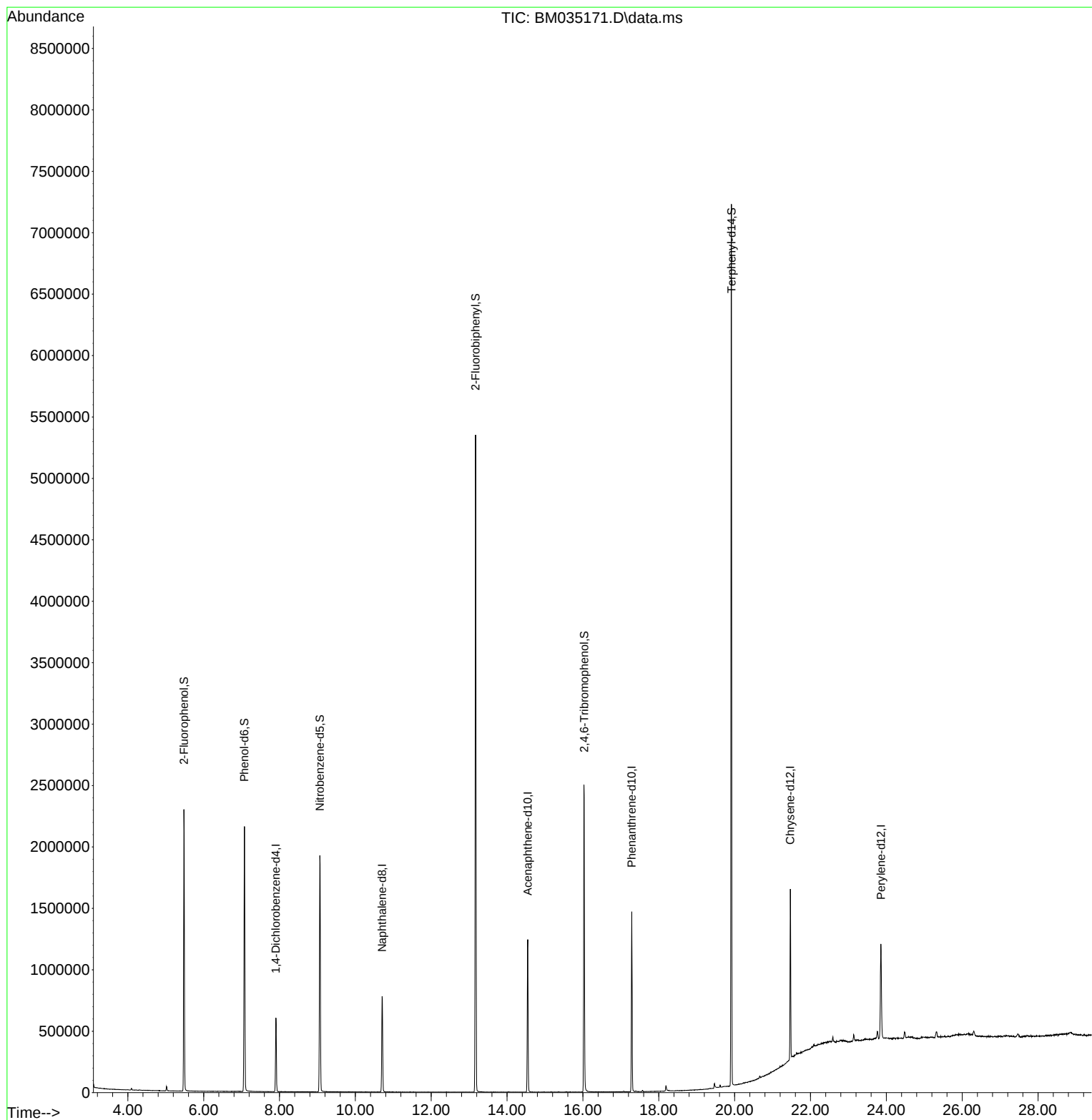
Target Compounds	Qvalue

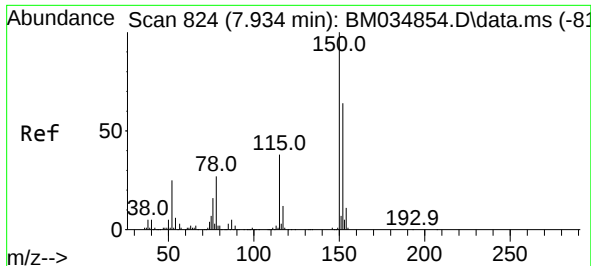
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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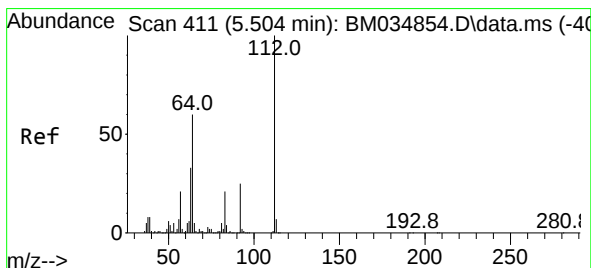
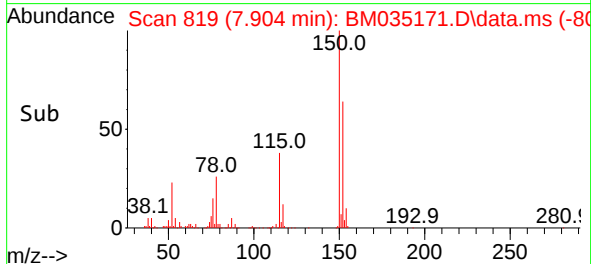
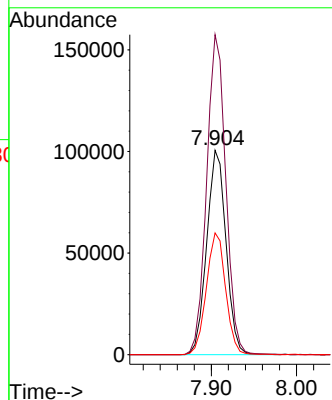
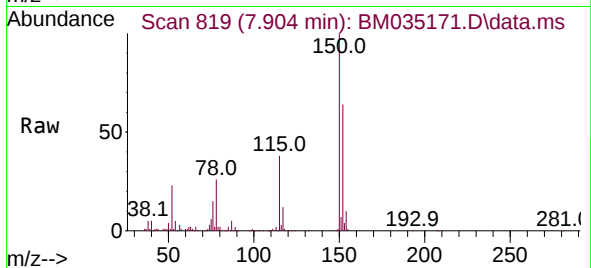




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.904 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM035171.D
Acq: 20 May 2022 11:46

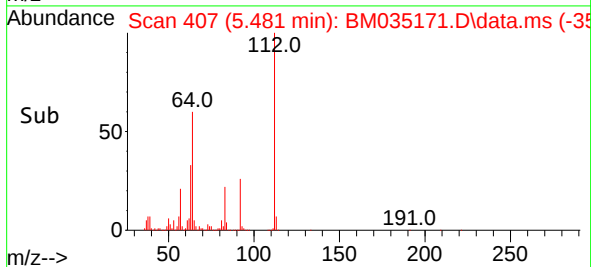
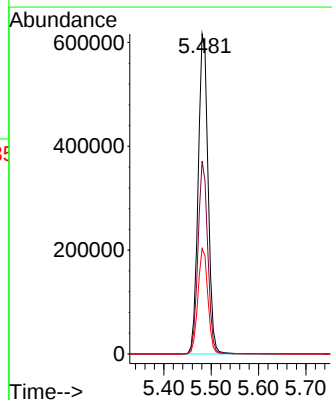
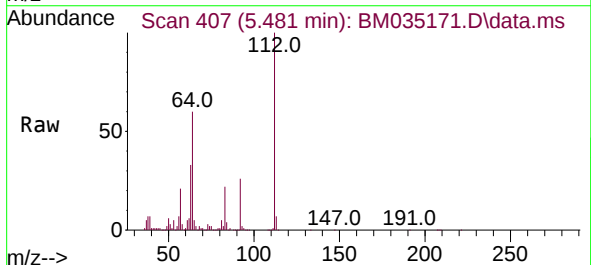
Instrument :
BNA_M
ClientSampleId :
PB144941BL

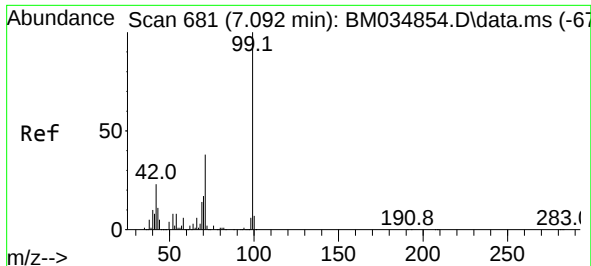
Tgt Ion:152 Resp: 158405
Ion Ratio Lower Upper
152 100
150 156.6 124.9 187.3
115 59.6 47.9 71.9



#5
2-Fluorophenol
Concen: 99.587 ng
RT: 5.481 min Scan# 407
Delta R.T. 0.000 min
Lab File: BM035171.D
Acq: 20 May 2022 11:46

Tgt Ion:112 Resp: 894168
Ion Ratio Lower Upper
112 100
64 60.3 47.8 71.6
63 32.9 26.6 40.0



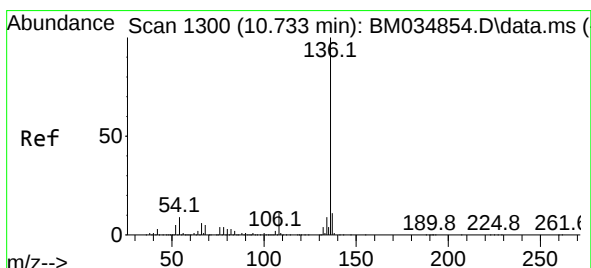
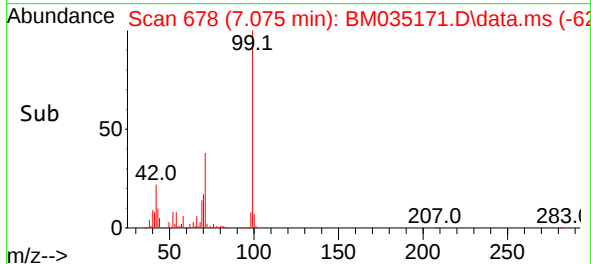
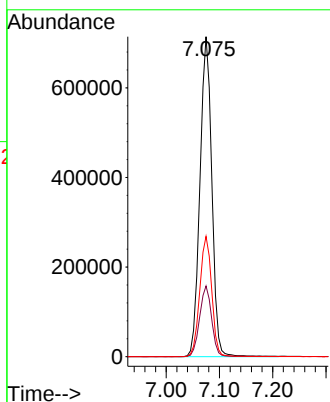
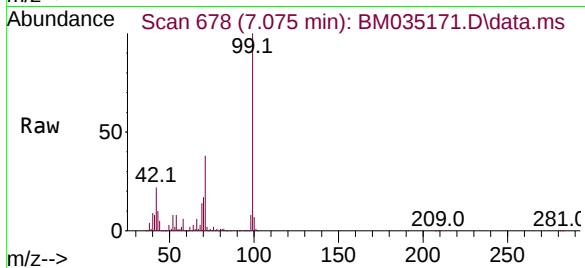


#7
Phenol-d6
Concen: 95.338 ng
RT: 7.075 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM035171.D
Acq: 20 May 2022 11:46

Instrument :
BNA_M
ClientSampleId :
PB144941BL

Tgt Ion: 99 Resp: 1105067

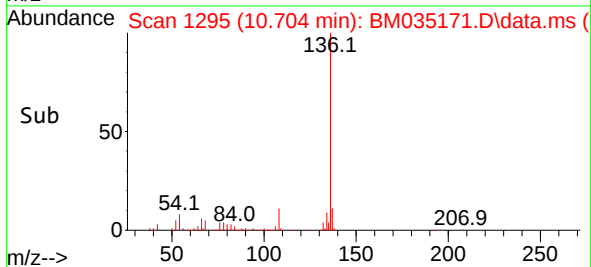
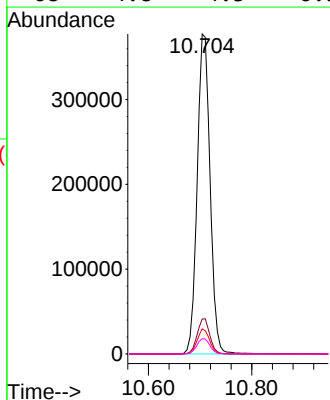
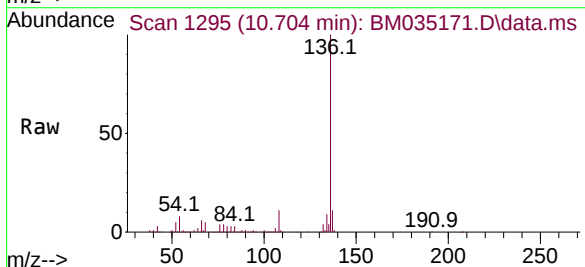
Ion	Ratio	Lower	Upper
99	100		
42	22.1	18.8	28.2
71	37.6	30.2	45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BM035171.D
Acq: 20 May 2022 11:46

Tgt Ion: 136 Resp: 652694

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.8	7.0	10.4
68	4.8	4.3	6.5

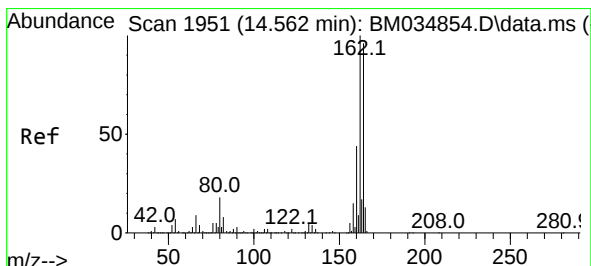
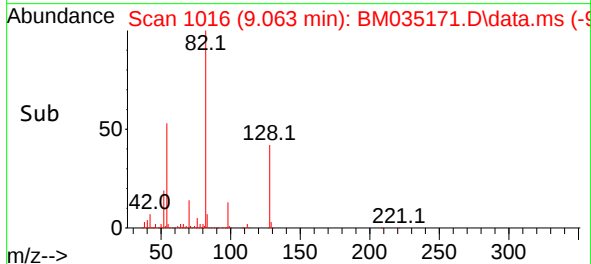
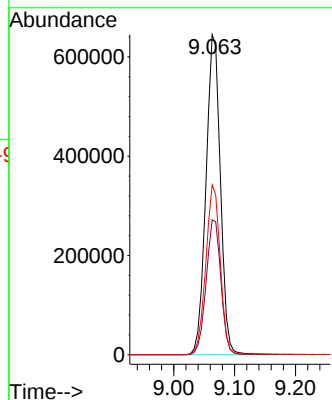
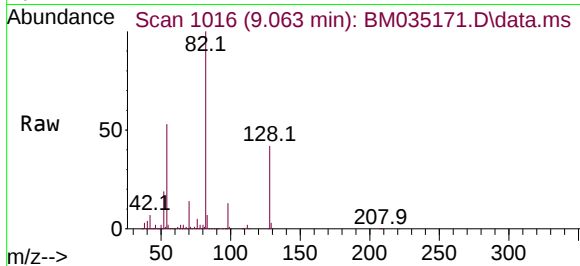




#23
Nitrobenzene-d5
Concen: 87.919 ng
RT: 9.063 min Scan# 1016
Delta R.T. 0.000 min
Lab File: BM035171.D
Acq: 20 May 2022 11:46

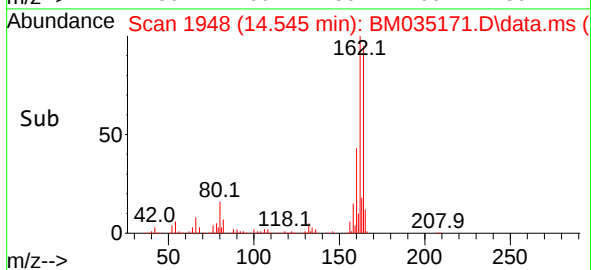
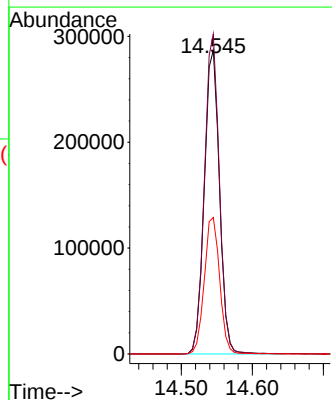
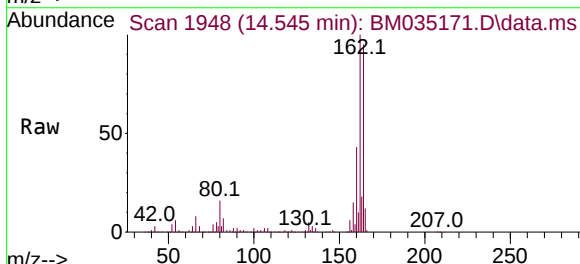
Instrument :
BNA_M
ClientSampleId :
PB144941BL

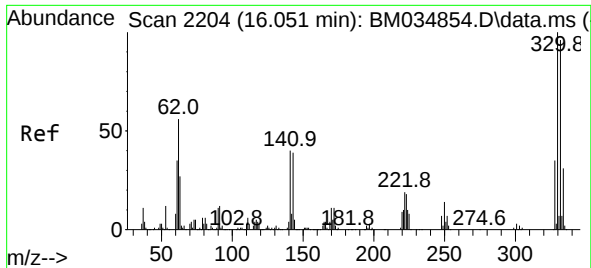
Tgt Ion: 82 Resp: 1062635
Ion Ratio Lower Upper
82 100
128 42.2 33.7 50.5
54 53.1 43.2 64.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.545 min Scan# 1948
Delta R.T. 0.000 min
Lab File: BM035171.D
Acq: 20 May 2022 11:46

Tgt Ion: 164 Resp: 426039
Ion Ratio Lower Upper
164 100
162 105.3 83.0 124.6
160 44.9 37.0 55.4

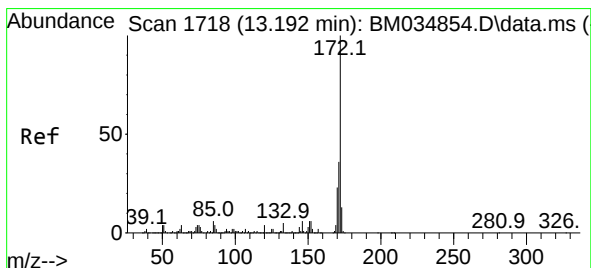
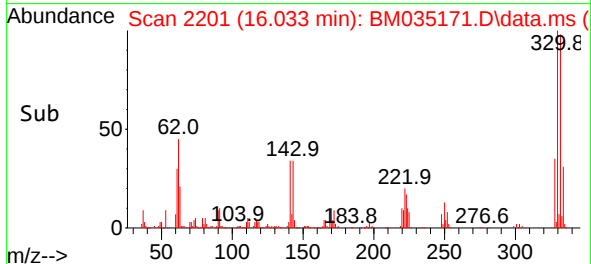
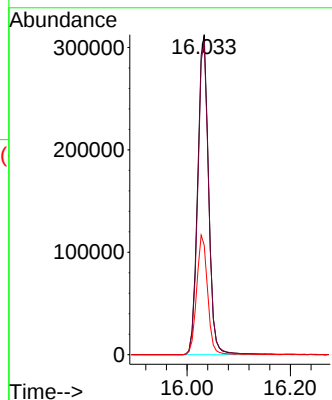
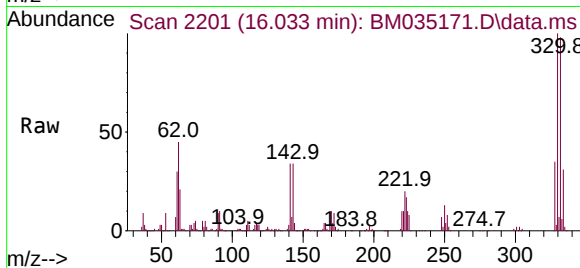




#42
2,4,6-Tribromophenol
Concen: 98.790 ng
RT: 16.033 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM035171.D
Acq: 20 May 2022 11:46

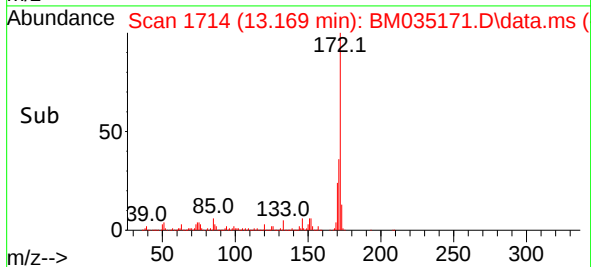
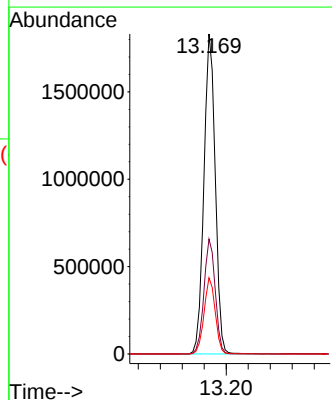
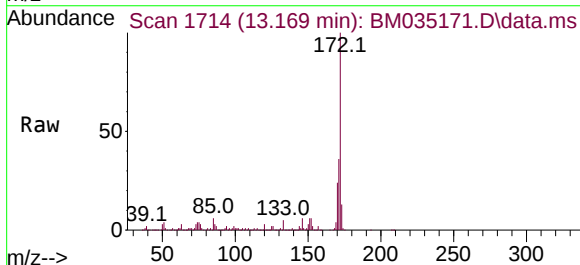
Instrument :
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ClientSampleId :
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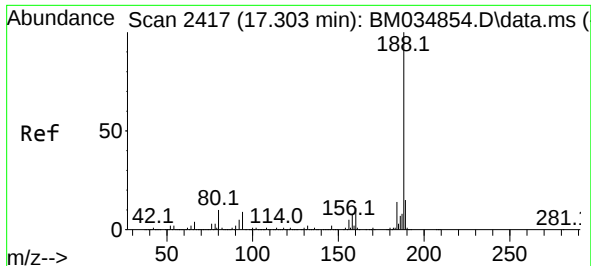
Tgt Ion:330 Resp: 457837
Ion Ratio Lower Upper
330 100
332 97.3 77.0 115.4
141 37.3 35.3 52.9



#45
2-Fluorobiphenyl
Concen: 89.537 ng
RT: 13.169 min Scan# 1714
Delta R.T. 0.000 min
Lab File: BM035171.D
Acq: 20 May 2022 11:46

Tgt Ion:172 Resp: 2627742
Ion Ratio Lower Upper
172 100
171 35.9 28.5 42.7
170 23.8 18.7 28.1

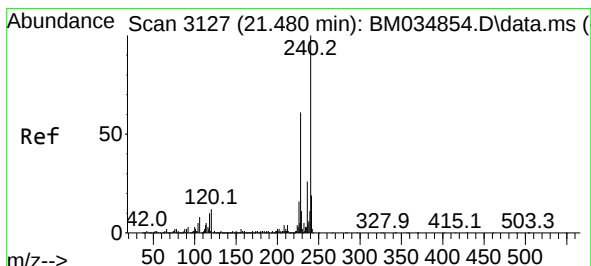
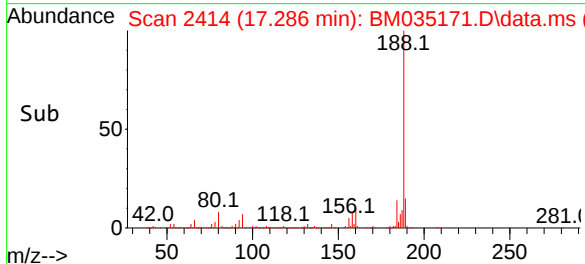
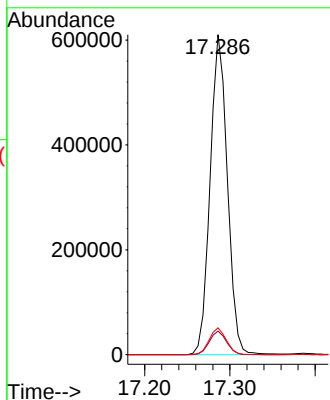
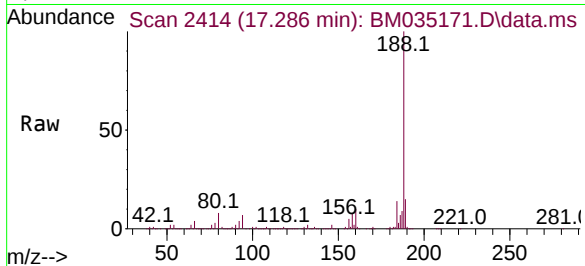




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.286 min Scan# 2417
Delta R.T. 0.000 min
Lab File: BM035171.D
Acq: 20 May 2022 11:46

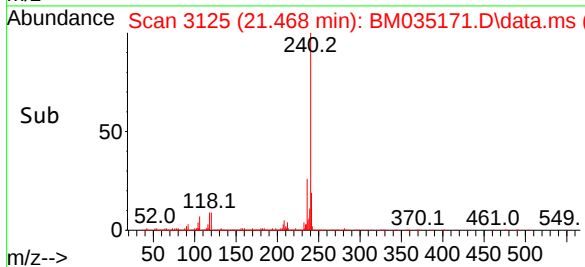
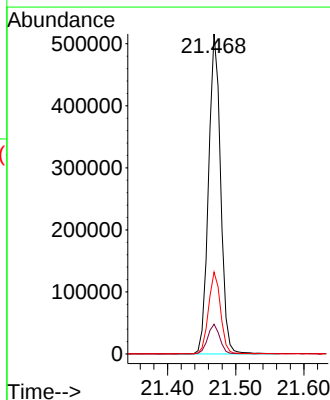
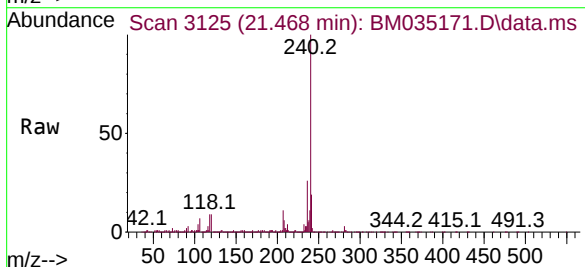
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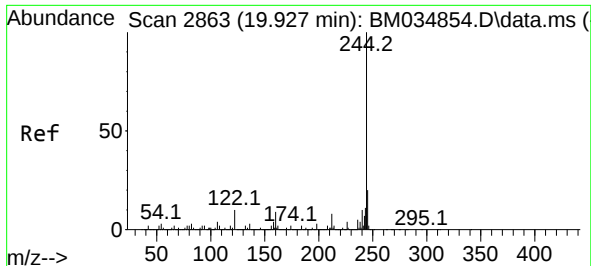
Tgt Ion:188 Resp: 858382
Ion Ratio Lower Upper
188 100
94 7.3 7.0 10.4
80 8.4 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.468 min Scan# 3125
Delta R.T. -0.006 min
Lab File: BM035171.D
Acq: 20 May 2022 11:46

Tgt Ion:240 Resp: 636070
Ion Ratio Lower Upper
240 100
120 9.3 9.4 14.0#
236 25.6 20.6 30.8

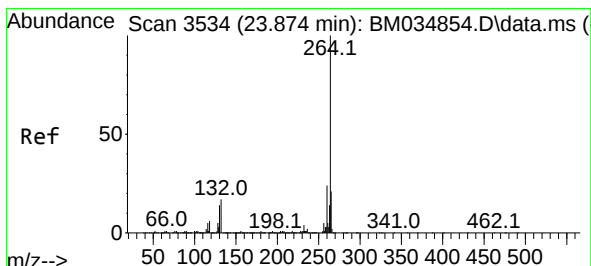
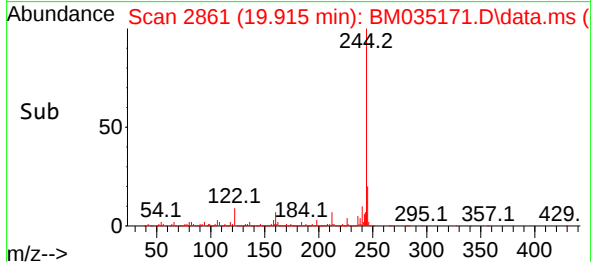
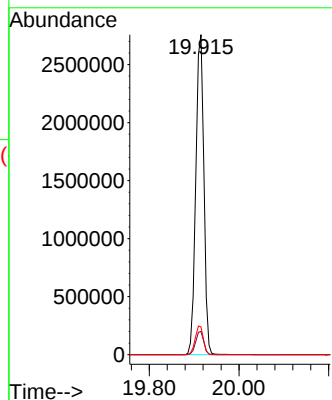
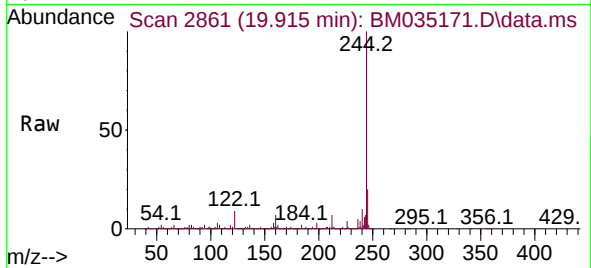




#79
 Terphenyl-d14
 Concen: 104.943 ng
 RT: 19.915 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM035171.D
 Acq: 20 May 2022 11:46

Instrument :
 BNA_M
 ClientSampleId :
 PB144941BL

Tgt Ion:244 Resp: 3447510
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.2 9.4
 122 8.7 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.856 min Scan# 3531
 Delta R.T. 0.000 min
 Lab File: BM035171.D
 Acq: 20 May 2022 11:46

Tgt Ion:264 Resp: 577857
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.9 28.3
 265 22.0 17.5 26.3

