

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081024\
 Data File : BM047149.D
 Acq On : 10 Aug 2024 19:50
 Operator : RC/JU
 Sample : PB162577TB
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB162577TB

Quant Time: Aug 12 00:45:41 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 11 23:47:58 2024
 Response via : Initial Calibration

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

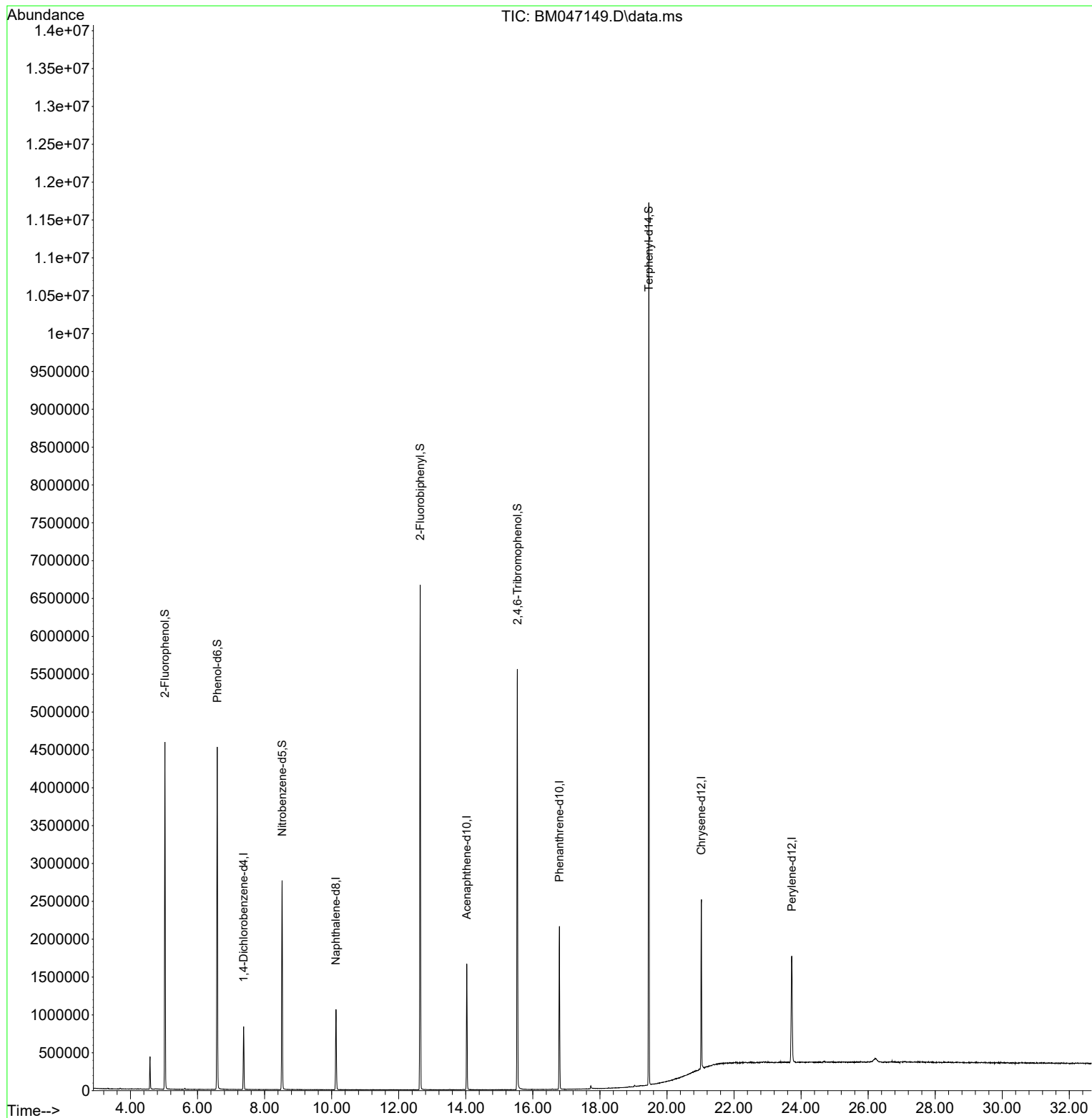
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.375	152	224898	20.000	ng	0.00
21) Naphthalene-d8	10.128	136	851791	20.000	ng	0.00
39) Acenaphthene-d10	14.027	164	564425	20.000	ng	0.00
64) Phenanthrene-d10	16.792	188	1220847	20.000	ng	0.00
76) Chrysene-d12	21.027	240	1072675	20.000	ng	0.00
86) Perylene-d12	23.721	264	1222944	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.028	112	1857402	147.573	ng	0.00
7) Phenol-d6	6.587	99	2482092	143.119	ng	0.00
23) Nitrobenzene-d5	8.522	82	1599185	94.535	ng	0.00
42) 2,4,6-Tribromophenol	15.539	330	981631	149.991	ng	0.00
45) 2-Fluorobiphenyl	12.639	172	3481271	95.140	ng	0.00
79) Terphenyl-d14	19.456	244	5505917	109.986	ng	0.00
Target Compounds						
9) Benzaldehyde	6.546	77	200	Below Cal	Qvalue #	3

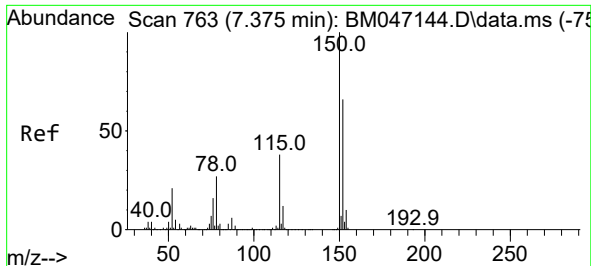
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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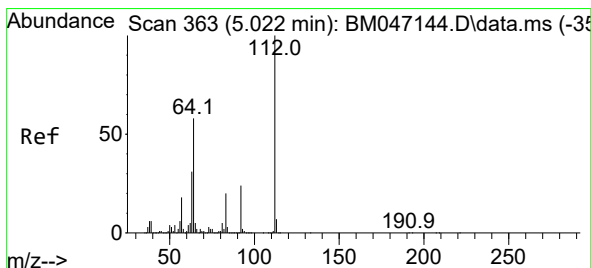
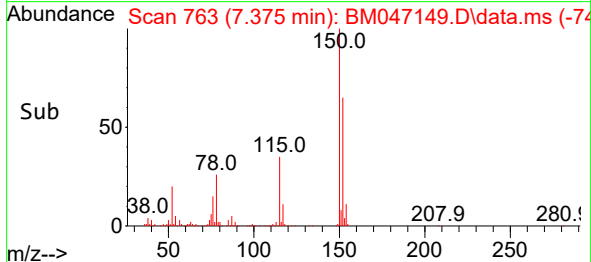
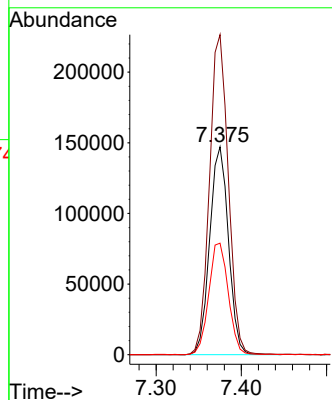
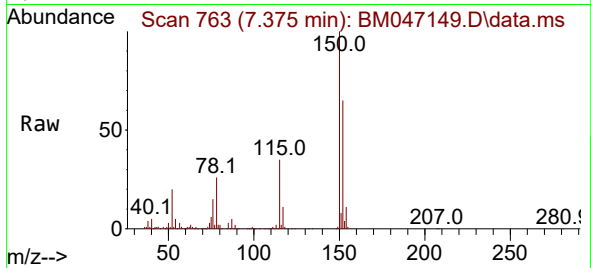




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.375 min Scan# 763
Delta R.T. -0.000 min
Lab File: BM047149.D
Acq: 10 Aug 2024 19:50

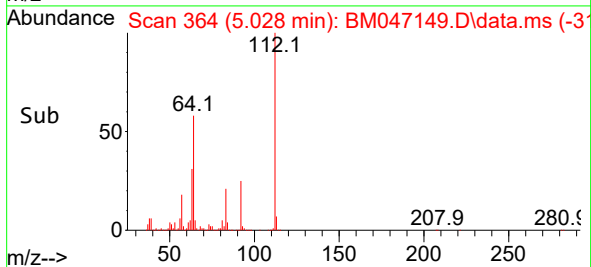
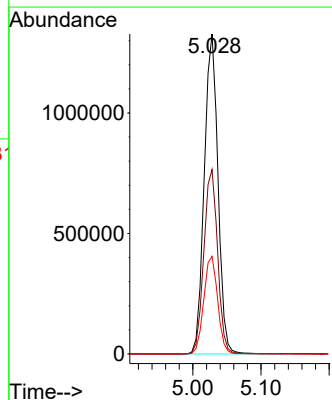
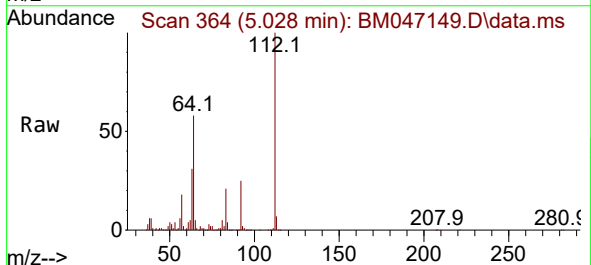
Instrument :
BNA_M
ClientSampleId :
PB162577TB

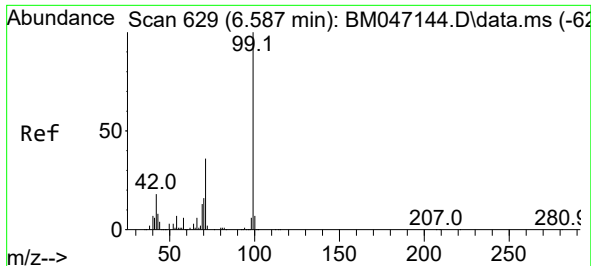
Tgt Ion:152 Resp: 224898
Ion Ratio Lower Upper
152 100
150 154.0 120.5 180.7
115 53.7 45.5 68.3



#5
2-Fluorophenol
Concen: 147.573 ng
RT: 5.028 min Scan# 364
Delta R.T. 0.006 min
Lab File: BM047149.D
Acq: 10 Aug 2024 19:50

Tgt Ion:112 Resp: 1857402
Ion Ratio Lower Upper
112 100
64 57.6 46.7 70.1
63 30.5 24.8 37.2



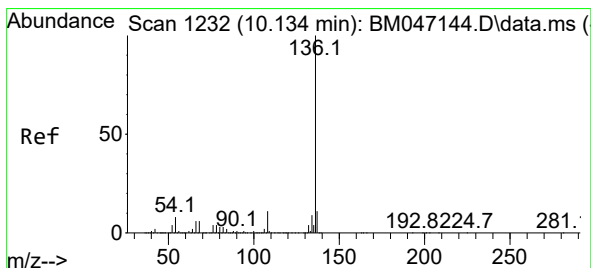
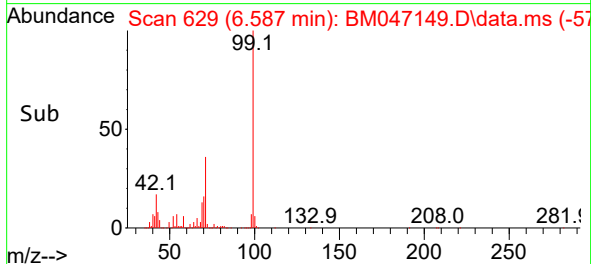
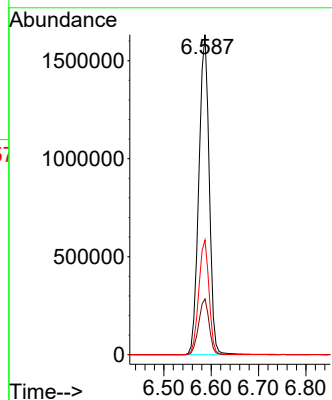
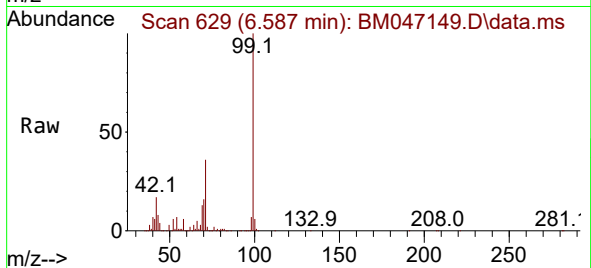


#7
Phenol-d6
Concen: 143.119 ng
RT: 6.587 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM047149.D
Acq: 10 Aug 2024 19:50

Instrument :
BNA_M
ClientSampleId :
PB162577TB

Tgt Ion: 99 Resp: 2482092

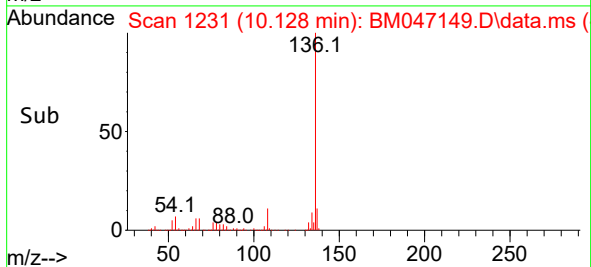
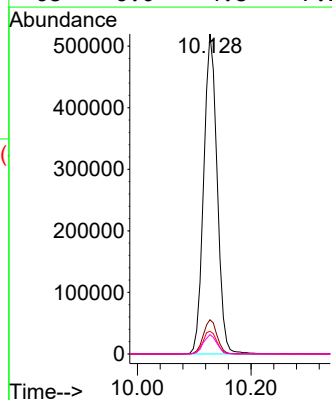
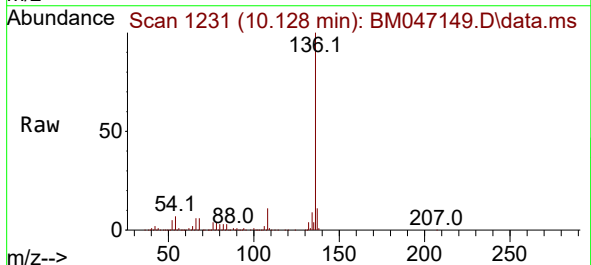
Ion	Ratio	Lower	Upper
99	100		
42	17.5	14.1	21.1
71	35.9	28.5	42.7

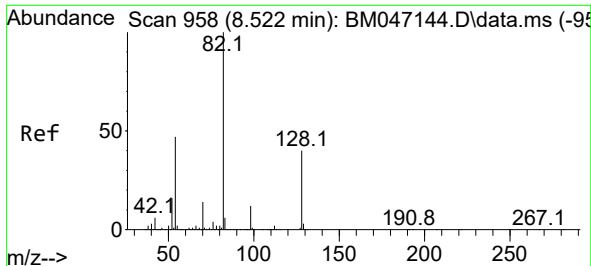


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.128 min Scan# 1231
Delta R.T. -0.006 min
Lab File: BM047149.D
Acq: 10 Aug 2024 19:50

Tgt Ion: 136 Resp: 851791

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	7.1	6.0	9.0
68	6.0	4.8	7.2

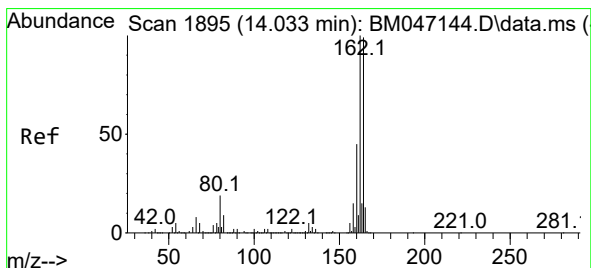
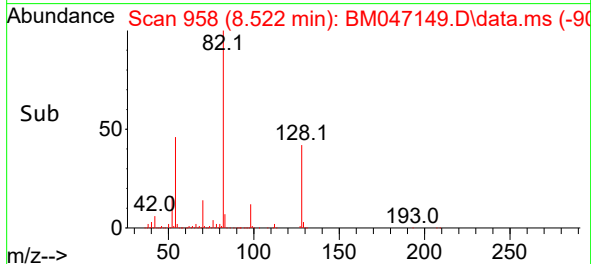
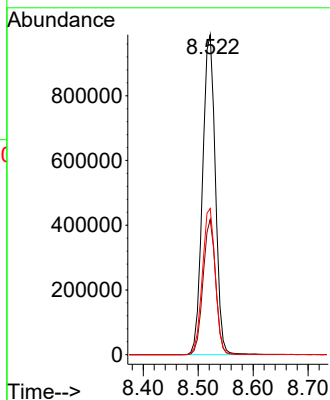
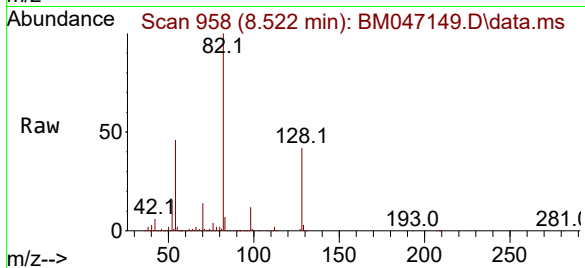




#23
Nitrobenzene-d5
Concen: 94.535 ng
RT: 8.522 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM047149.D
Acq: 10 Aug 2024 19:50

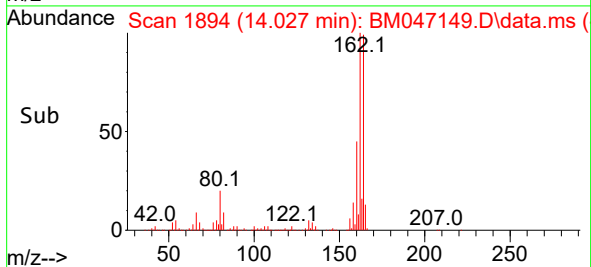
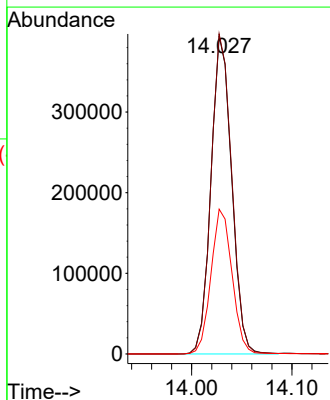
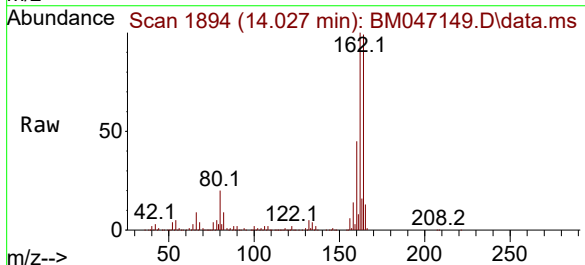
Instrument :
BNA_M
ClientSampleId :
PB162577TB

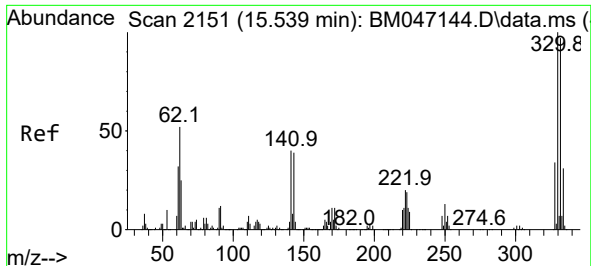
Tgt Ion: 82 Resp: 1599185
Ion Ratio Lower Upper
82 100
128 42.3 32.3 48.5
54 45.7 37.4 56.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.027 min Scan# 1894
Delta R.T. -0.006 min
Lab File: BM047149.D
Acq: 10 Aug 2024 19:50

Tgt Ion: 164 Resp: 564425
Ion Ratio Lower Upper
164 100
162 100.6 80.7 121.1
160 45.5 36.0 54.0

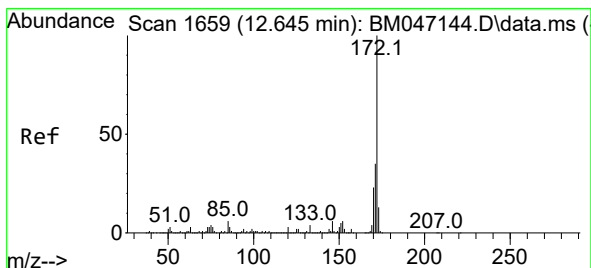
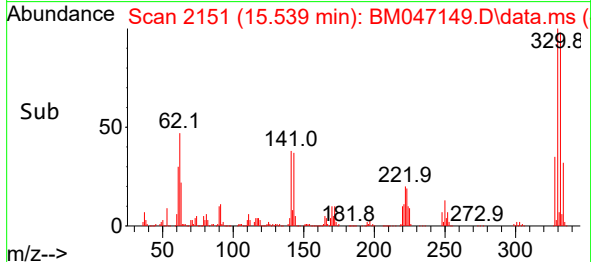
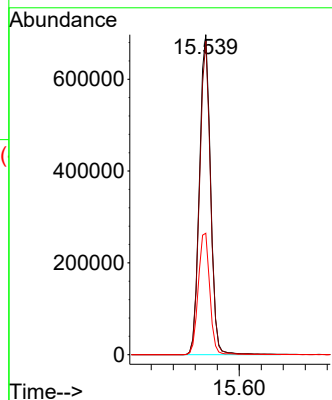
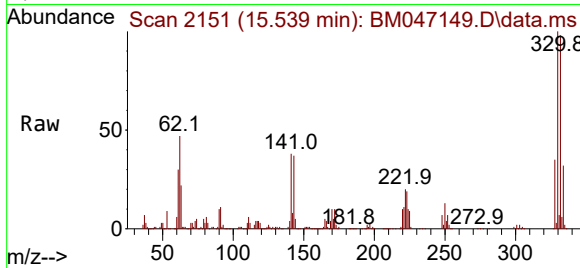




#42
2,4,6-Tribromophenol
Concen: 149.991 ng
RT: 15.539 min Scan# 2151
Delta R.T. -0.000 min
Lab File: BM047149.D
Acq: 10 Aug 2024 19:50

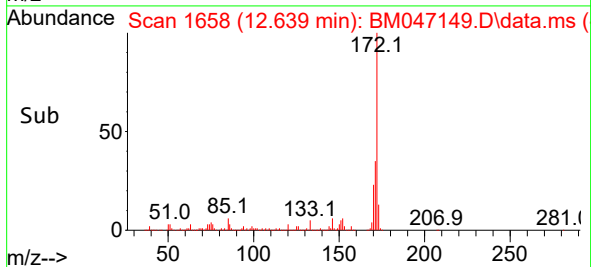
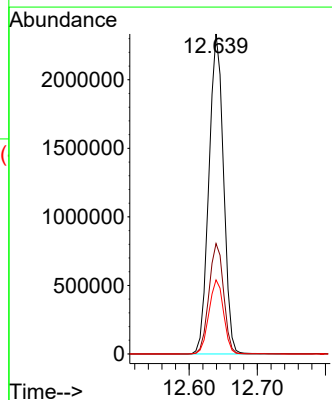
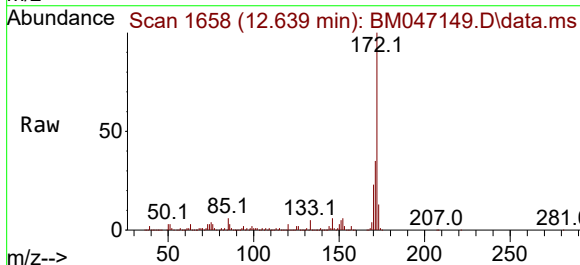
Instrument :
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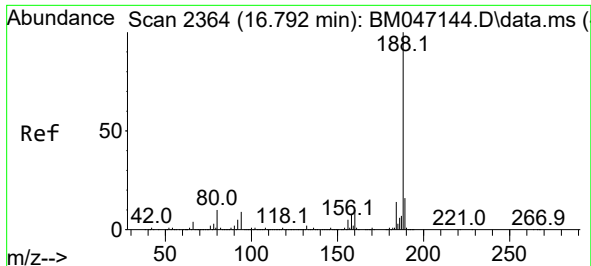
Tgt Ion:330 Resp: 981631
Ion Ratio Lower Upper
330 100
332 96.5 77.4 116.2
141 39.3 31.6 47.4



#45
2-Fluorobiphenyl
Concen: 95.140 ng
RT: 12.639 min Scan# 1658
Delta R.T. -0.006 min
Lab File: BM047149.D
Acq: 10 Aug 2024 19:50

Tgt Ion:172 Resp: 3481271
Ion Ratio Lower Upper
172 100
171 34.5 27.8 41.6
170 23.2 18.7 28.1

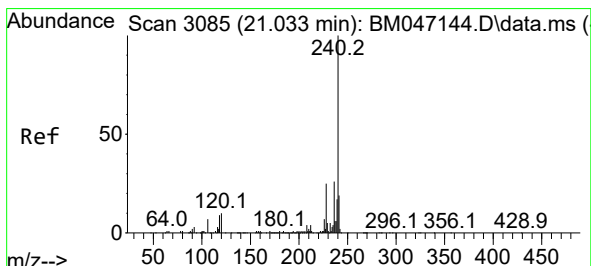
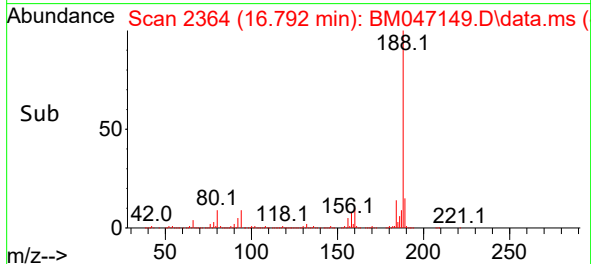
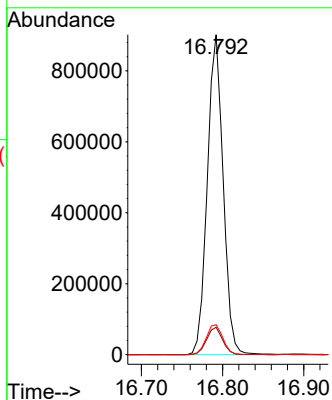
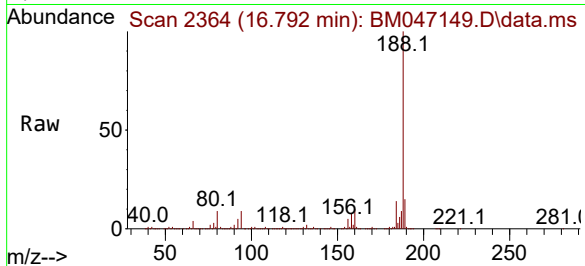




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.792 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM047149.D
Acq: 10 Aug 2024 19:50

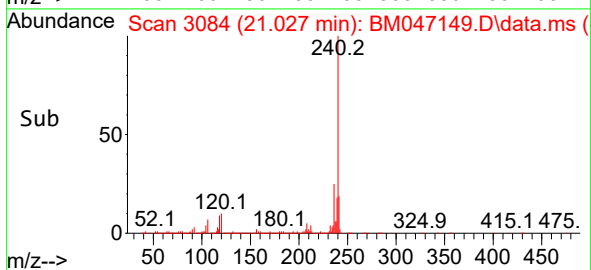
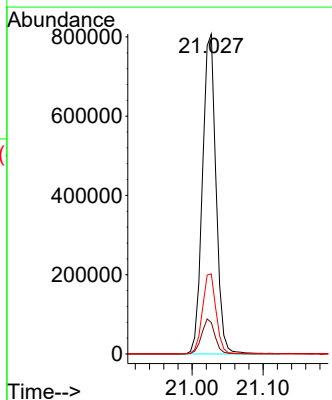
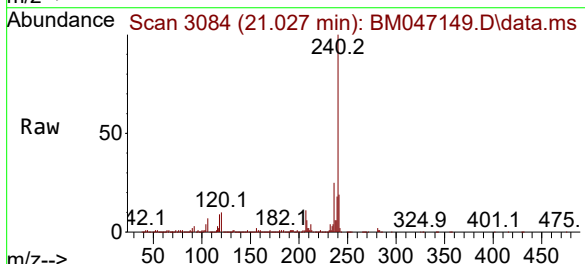
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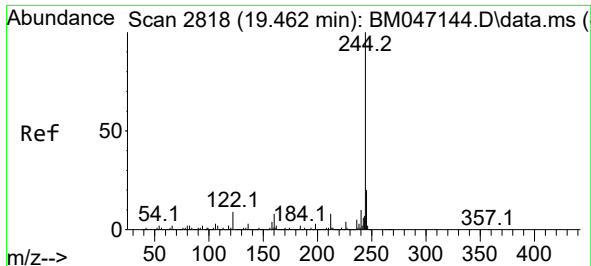
Tgt Ion:188 Resp: 1220847
Ion Ratio Lower Upper
188 100
94 8.6 7.0 10.6
80 9.4 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.027 min Scan# 3084
Delta R.T. -0.006 min
Lab File: BM047149.D
Acq: 10 Aug 2024 19:50

Tgt Ion:240 Resp: 1072675
Ion Ratio Lower Upper
240 100
120 9.8 8.2 12.2
236 25.0 20.6 30.8

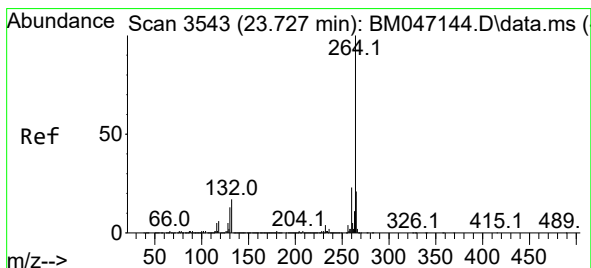
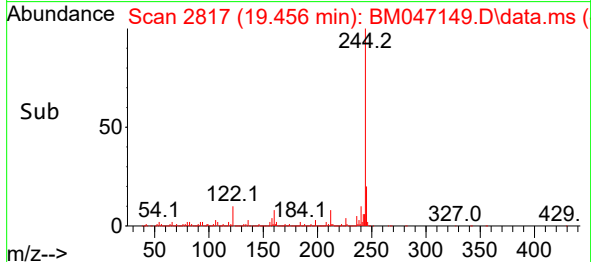
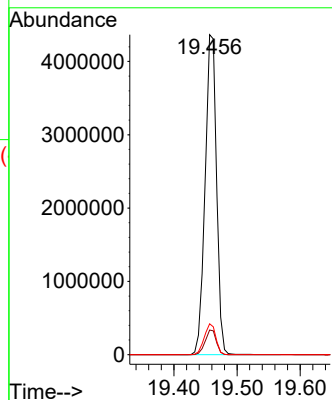
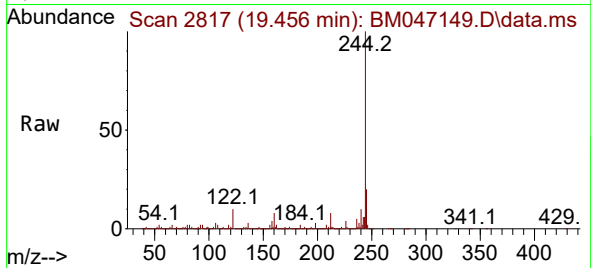




#79
 Terphenyl-d14
 Concen: 109.986 ng
 RT: 19.456 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM047149.D
 Acq: 10 Aug 2024 19:50

Instrument :
 BNA_M
 ClientSampleId :
 PB162577TB

Tgt Ion:244 Resp: 5505917
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.4
 122 9.7 7.1 10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.721 min Scan# 3542
 Delta R.T. -0.006 min
 Lab File: BM047149.D
 Acq: 10 Aug 2024 19:50

Tgt Ion:264 Resp: 1222944
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.5 27.7
 265 21.4 17.3 25.9

