

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082724\
 Data File : BM047356.D
 Acq On : 27 Aug 2024 09:54
 Operator : RC/JU
 Sample : PB162987BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB162987BL

Quant Time: Aug 27 11:10:24 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 26 18:11:40 2024
 Response via : Initial Calibration

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

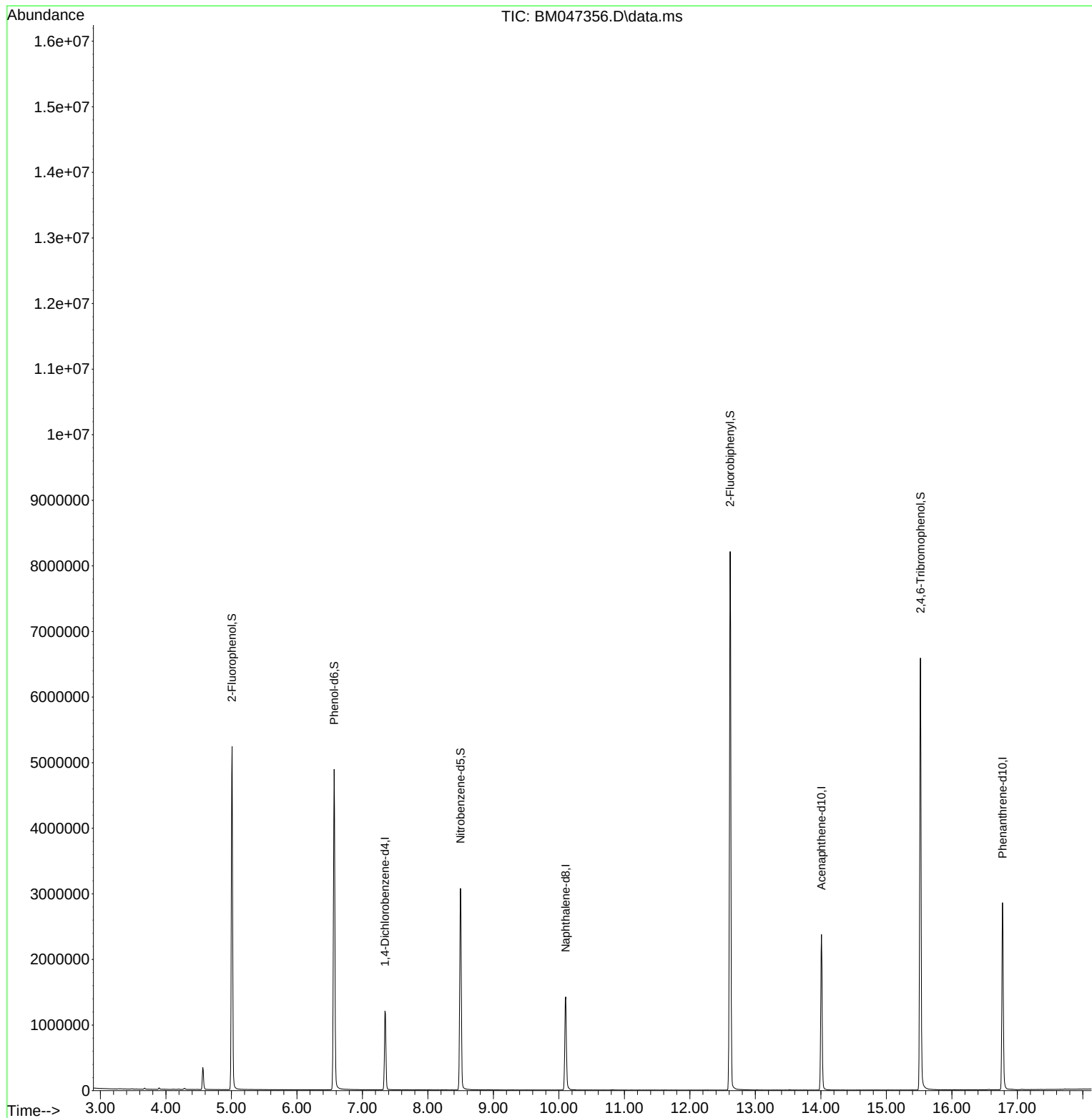
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.345	152	337594	20.000	ng	0.00
21) Naphthalene-d8	10.104	136	1268972	20.000	ng	0.00
39) Acenaphthene-d10	14.010	164	881427	20.000	ng	0.00
64) Phenanthrene-d10	16.774	188	1852440	20.000	ng	0.00
76) Chrysene-d12	21.015	240	1485954	20.000	ng	0.00
86) Perylene-d12	23.709	264	1409175	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.010	112	2233720	126.943	ng	0.00
7) Phenol-d6	6.569	99	2901163	121.029	ng	0.00
23) Nitrobenzene-d5	8.498	82	1871831	81.846	ng	0.00
42) 2,4,6-Tribromophenol	15.521	330	1309257	123.117	ng	0.00
45) 2-Fluorobiphenyl	12.616	172	4552777	79.364	ng	0.00
79) Terphenyl-d14	19.445	244	6776137	81.168	ng	0.00
Target Compounds						
9) Benzaldehyde	6.504	77	279	Below Cal	Qvalue #	3

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

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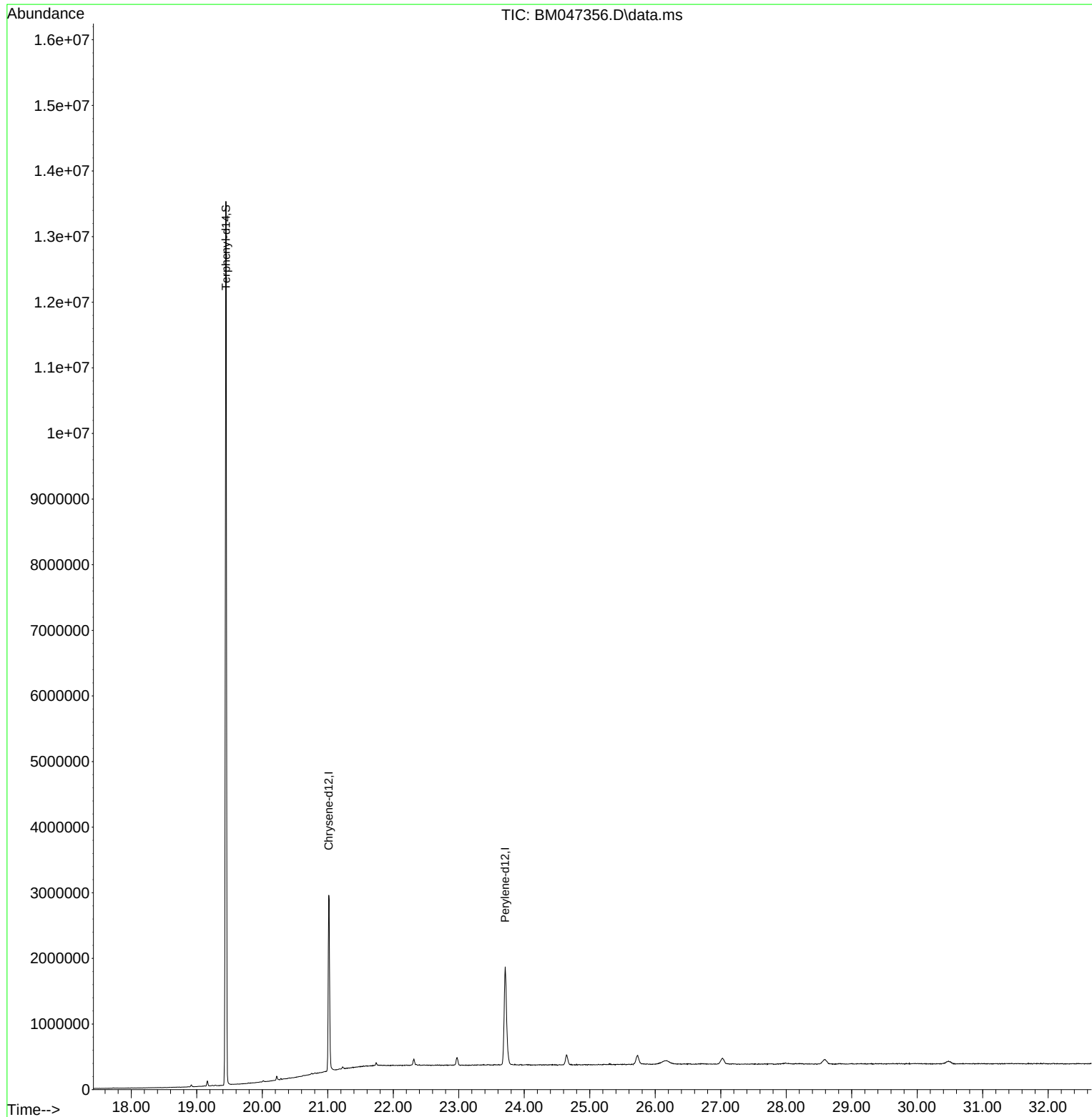
Quant Time: Aug 27 11:10:24 2024
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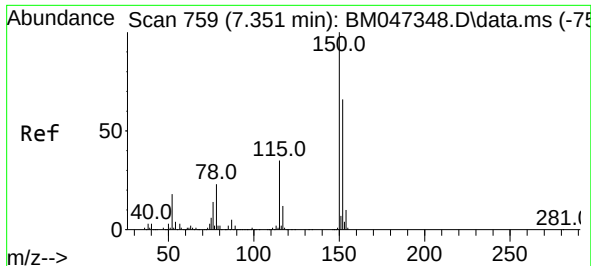


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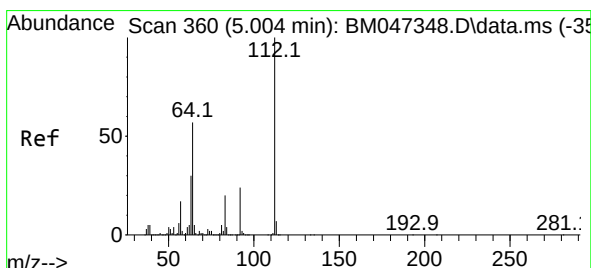
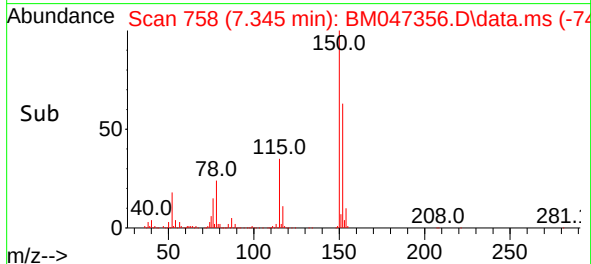
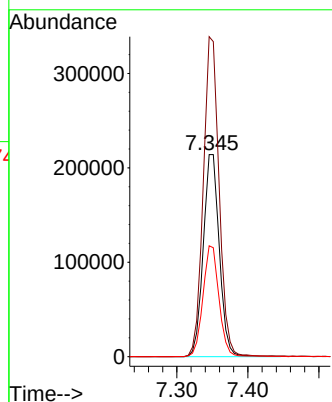
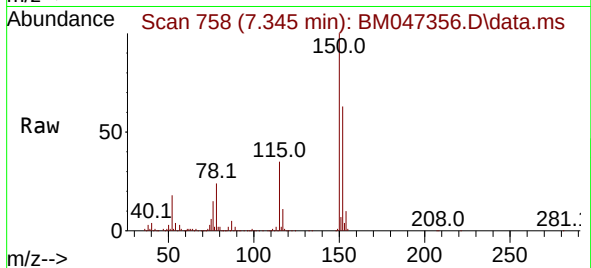




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.345 min Scan# 71
Delta R.T. -0.006 min
Lab File: BM047356.D
Acq: 27 Aug 2024 09:54

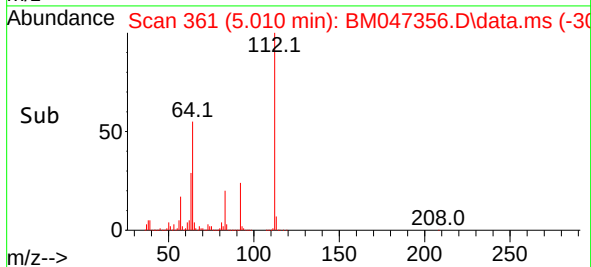
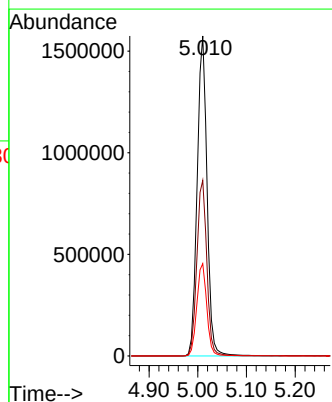
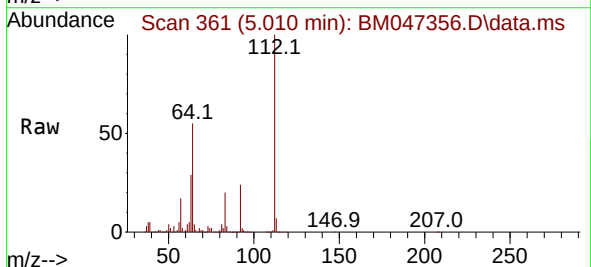
Instrument :
BNA_M
ClientSampleId :
PB162987BL

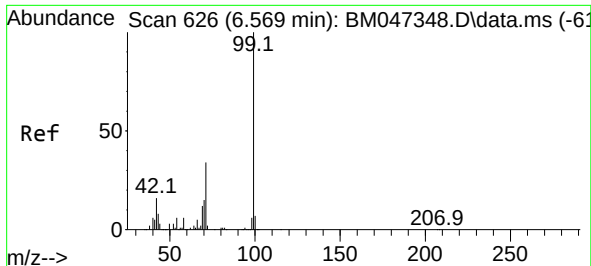
Tgt Ion:152 Resp: 337594
Ion Ratio Lower Upper
152 100
150 158.3 121.3 181.9
115 54.8 42.6 64.0



#5
2-Fluorophenol
Concen: 126.943 ng
RT: 5.010 min Scan# 361
Delta R.T. 0.006 min
Lab File: BM047356.D
Acq: 27 Aug 2024 09:54

Tgt Ion:112 Resp: 2233720
Ion Ratio Lower Upper
112 100
64 54.8 45.7 68.5
63 28.9 23.8 35.8



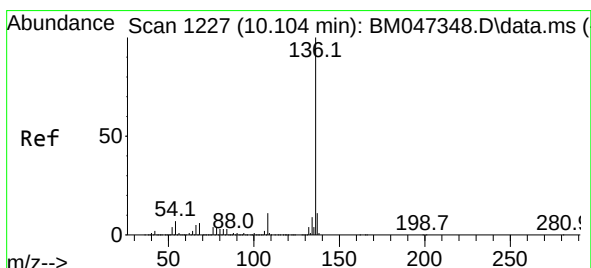
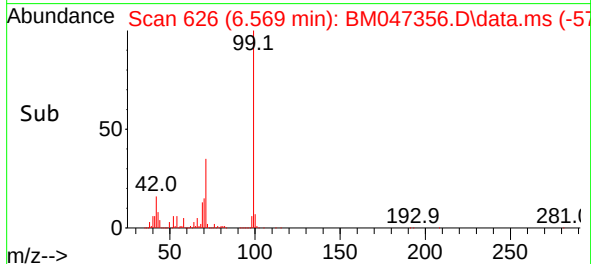
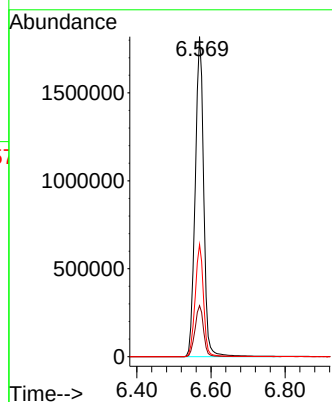
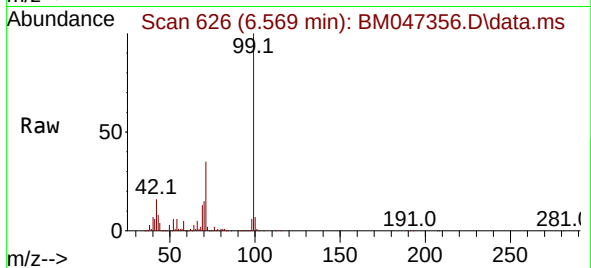


#7
Phenol-d6
Concen: 121.029 ng
RT: 6.569 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM047356.D
Acq: 27 Aug 2024 09:54

Instrument :
BNA_M
ClientSampleId :
PB162987BL

Tgt Ion: 99 Resp: 2901163

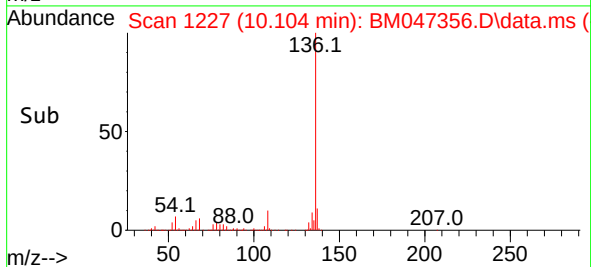
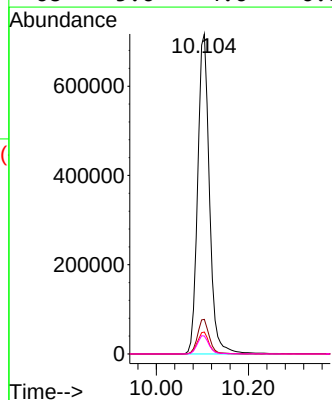
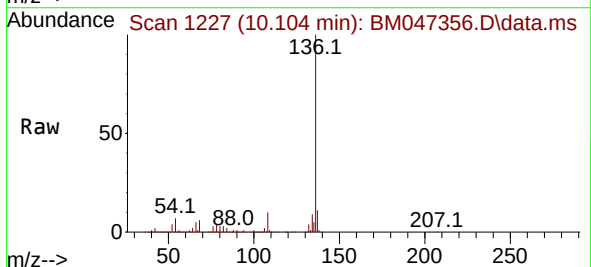
Ion	Ratio	Lower	Upper
99	100		
42	16.0	13.0	19.4
71	35.1	27.5	41.3

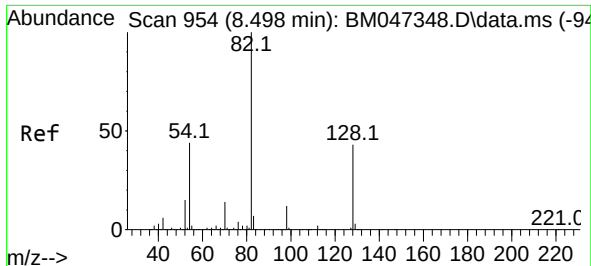


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.104 min Scan# 1227
Delta R.T. 0.000 min
Lab File: BM047356.D
Acq: 27 Aug 2024 09:54

Tgt Ion: 136 Resp: 1268972

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	6.9	5.2	7.8
68	5.6	4.6	6.8

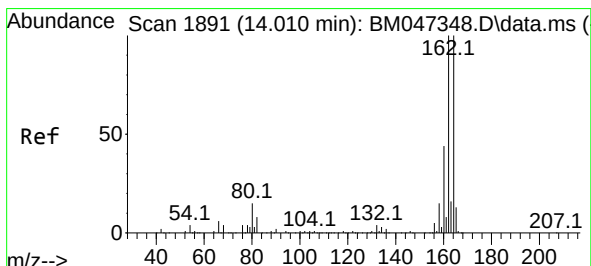
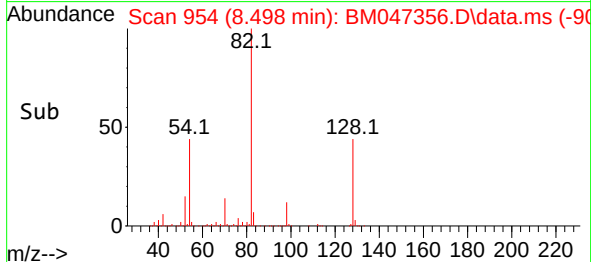
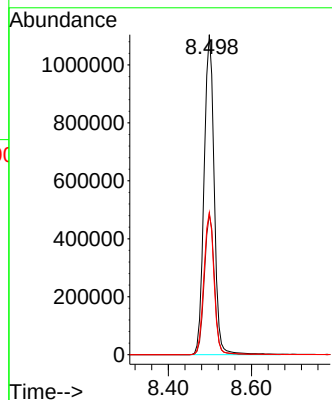
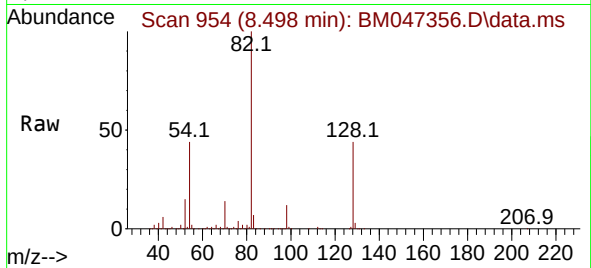




#23
Nitrobenzene-d5
Concen: 81.846 ng
RT: 8.498 min Scan# 954
Delta R.T. 0.000 min
Lab File: BM047356.D
Acq: 27 Aug 2024 09:54

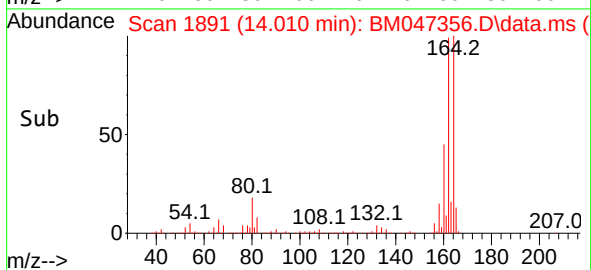
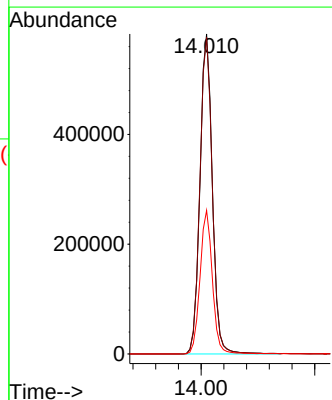
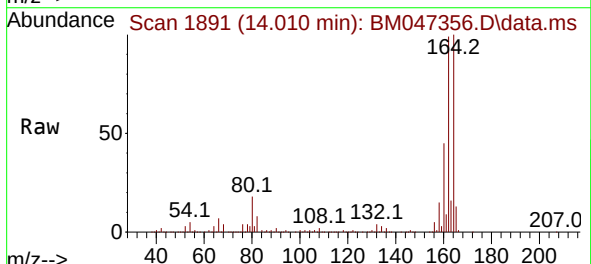
Instrument :
BNA_M
ClientSampleId :
PB162987BL

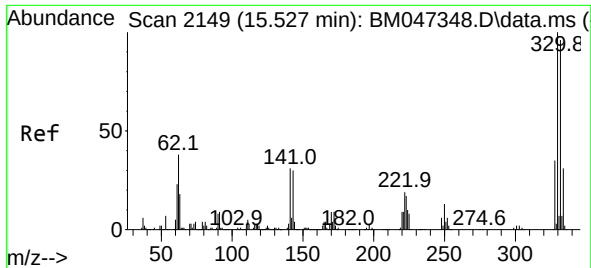
Tgt Ion: 82 Resp: 1871831
Ion Ratio Lower Upper
82 100
128 43.9 34.6 51.8
54 44.5 35.5 53.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.010 min Scan# 1891
Delta R.T. -0.000 min
Lab File: BM047356.D
Acq: 27 Aug 2024 09:54

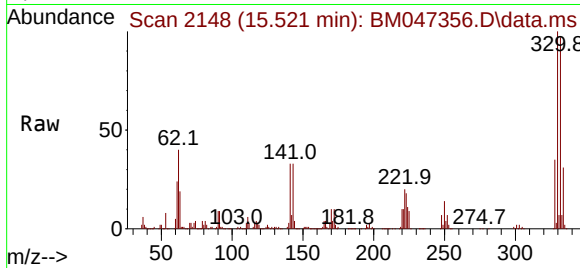
Tgt Ion:164 Resp: 881427
Ion Ratio Lower Upper
164 100
162 99.1 79.7 119.5
160 44.9 34.9 52.3



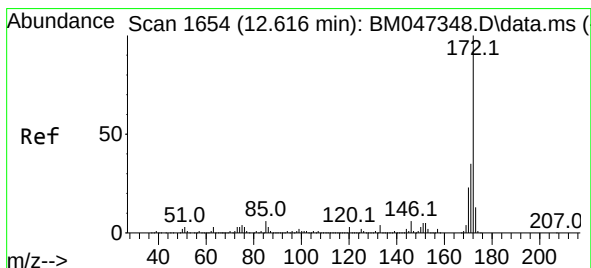
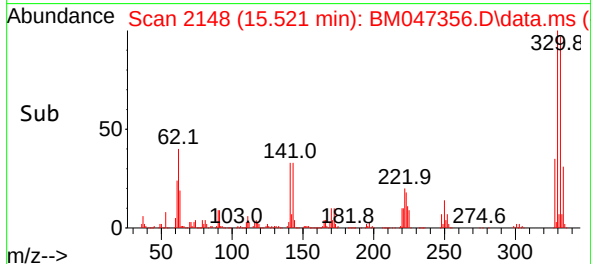
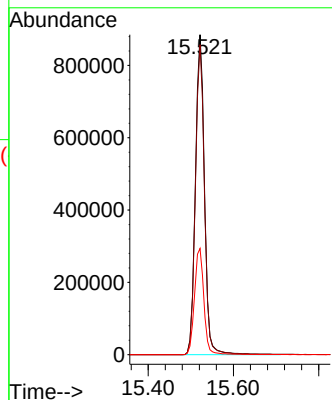


#42
2,4,6-Tribromophenol
Concen: 123.117 ng
RT: 15.521 min Scan# 2149
Delta R.T. -0.006 min
Lab File: BM047356.D
Acq: 27 Aug 2024 09:54

Instrument :
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PB162987BL

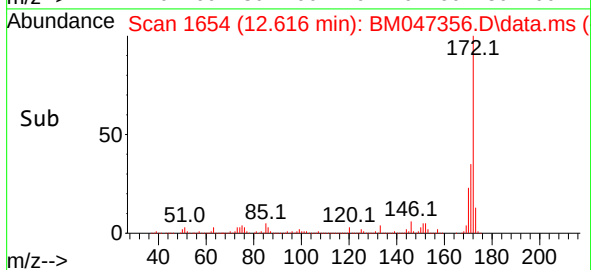
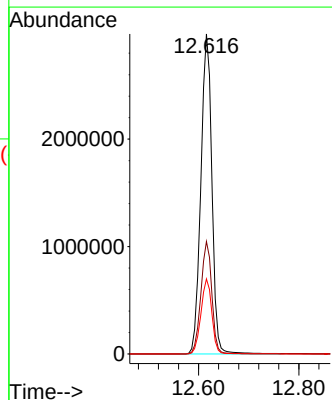
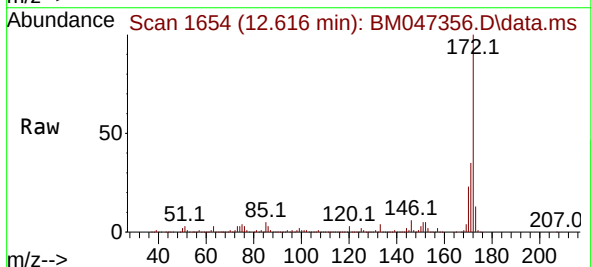


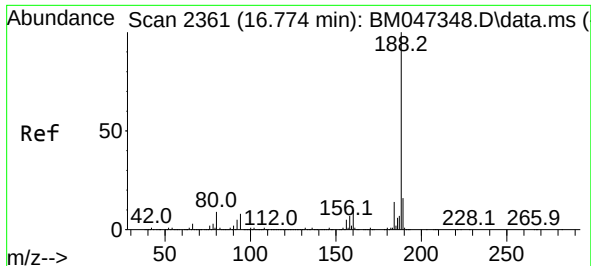
Tgt Ion:330 Resp: 1309257
Ion Ratio Lower Upper
330 100
332 96.2 77.2 115.8
141 34.5 27.6 41.4



#45
2-Fluorobiphenyl
Concen: 79.364 ng
RT: 12.616 min Scan# 1654
Delta R.T. 0.000 min
Lab File: BM047356.D
Acq: 27 Aug 2024 09:54

Tgt Ion:172 Resp: 4552777
Ion Ratio Lower Upper
172 100
171 35.2 27.8 41.6
170 23.4 18.5 27.7

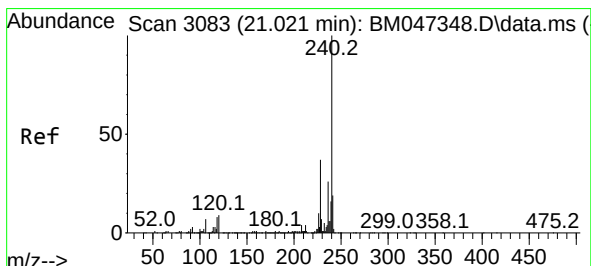
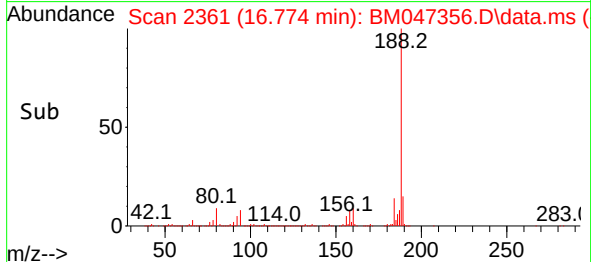
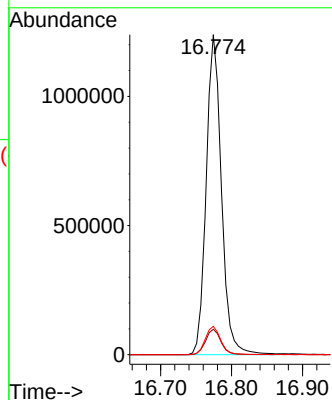
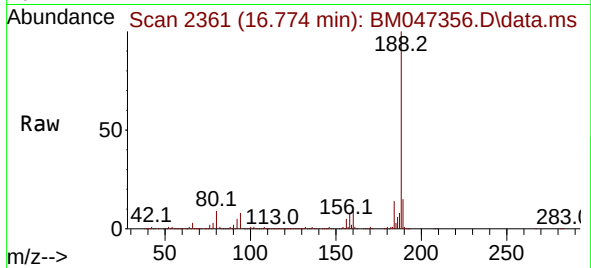




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.774 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM047356.D
Acq: 27 Aug 2024 09:54

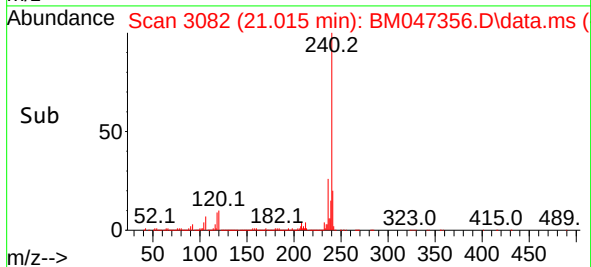
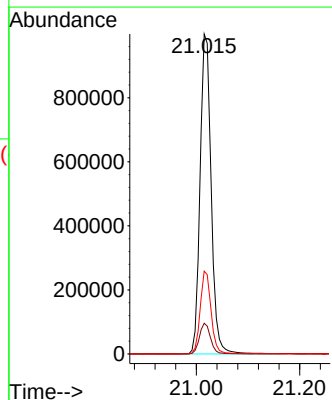
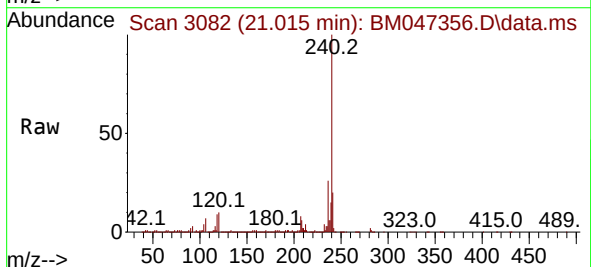
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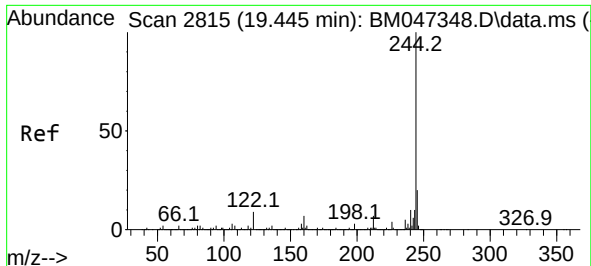
Tgt Ion:188 Resp: 1852440
Ion Ratio Lower Upper
188 100
94 7.9 6.4 9.6
80 8.8 7.4 11.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.015 min Scan# 3082
Delta R.T. -0.006 min
Lab File: BM047356.D
Acq: 27 Aug 2024 09:54

Tgt Ion:240 Resp: 1485954
Ion Ratio Lower Upper
240 100
120 9.6 7.4 11.0
236 25.9 20.8 31.2

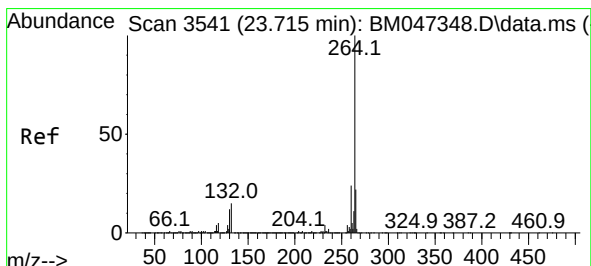
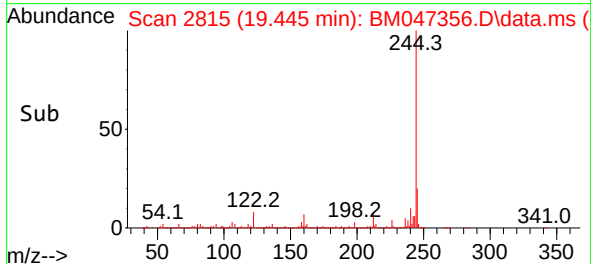
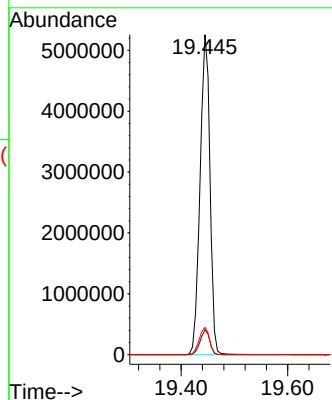
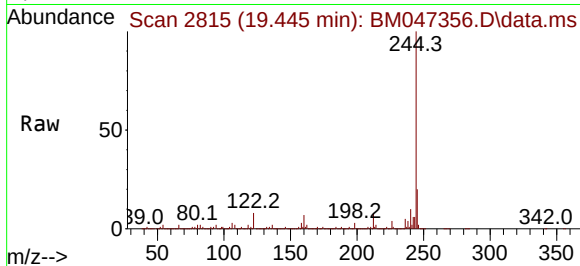




#79
 Terphenyl-d14
 Concen: 81.168 ng
 RT: 19.445 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM047356.D
 Acq: 27 Aug 2024 09:54

Instrument :
 BNA_M
 ClientSampleId :
 PB162987BL

Tgt Ion:244 Resp: 6776137
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.0 9.0
 122 8.5 7.0 10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.709 min Scan# 3540
 Delta R.T. -0.006 min
 Lab File: BM047356.D
 Acq: 27 Aug 2024 09:54

Tgt Ion:264 Resp: 1409175
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.0 28.4
 265 21.8 17.8 26.6

