

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090624\
Data File : BM047463.D
Acq On : 06 Sep 2024 19:41
Operator : RC/JU
Sample : PB163179BL
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB163179BL

Quant Time: Sep 07 01:32:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM090624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 07 01:23:53 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.340	152	226889	20.000	ng	0.00
21) Naphthalene-d8	10.098	136	830958	20.000	ng	0.00
39) Acenaphthene-d10	14.004	164	491342	20.000	ng	0.00
64) Phenanthrene-d10	16.786	188	902658	20.000	ng	0.01
76) Chrysene-d12	21.027	240	722678	20.000	ng	0.00
86) Perylene-d12	23.739	264	824687	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.004	112	1804166	136.999	ng	0.00
7) Phenol-d6	6.569	99	2274881	136.483	ng	0.00
23) Nitrobenzene-d5	8.492	82	1524739	95.327	ng	0.00
42) 2,4,6-Tribromophenol	15.527	330	707902	132.283	ng	0.00
45) 2-Fluorobiphenyl	12.604	172	2933621	92.406	ng	0.00
79) Terphenyl-d14	19.439	244	3402129	93.409	ng	0.00

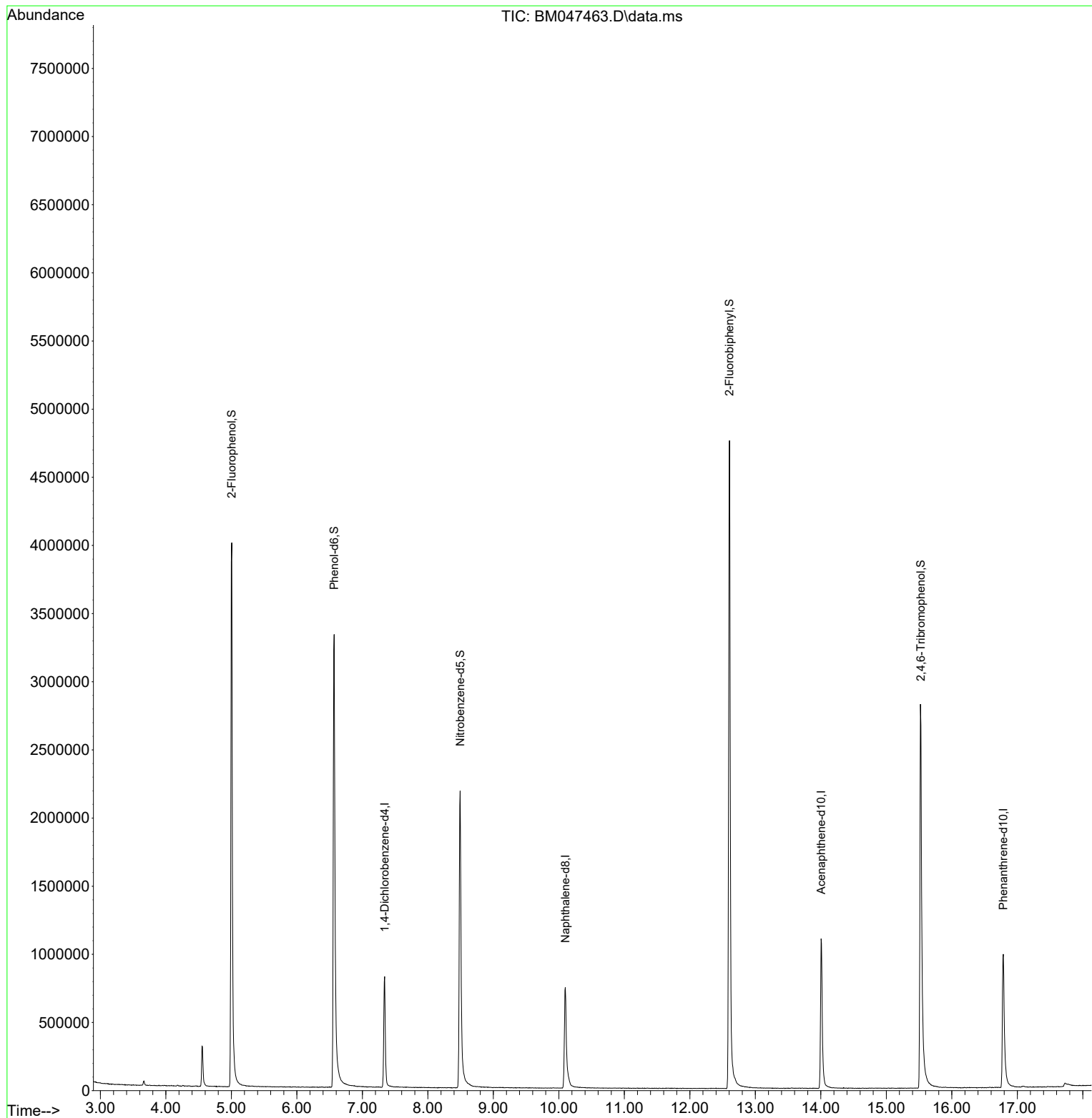
Target Compounds	Qvalue

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

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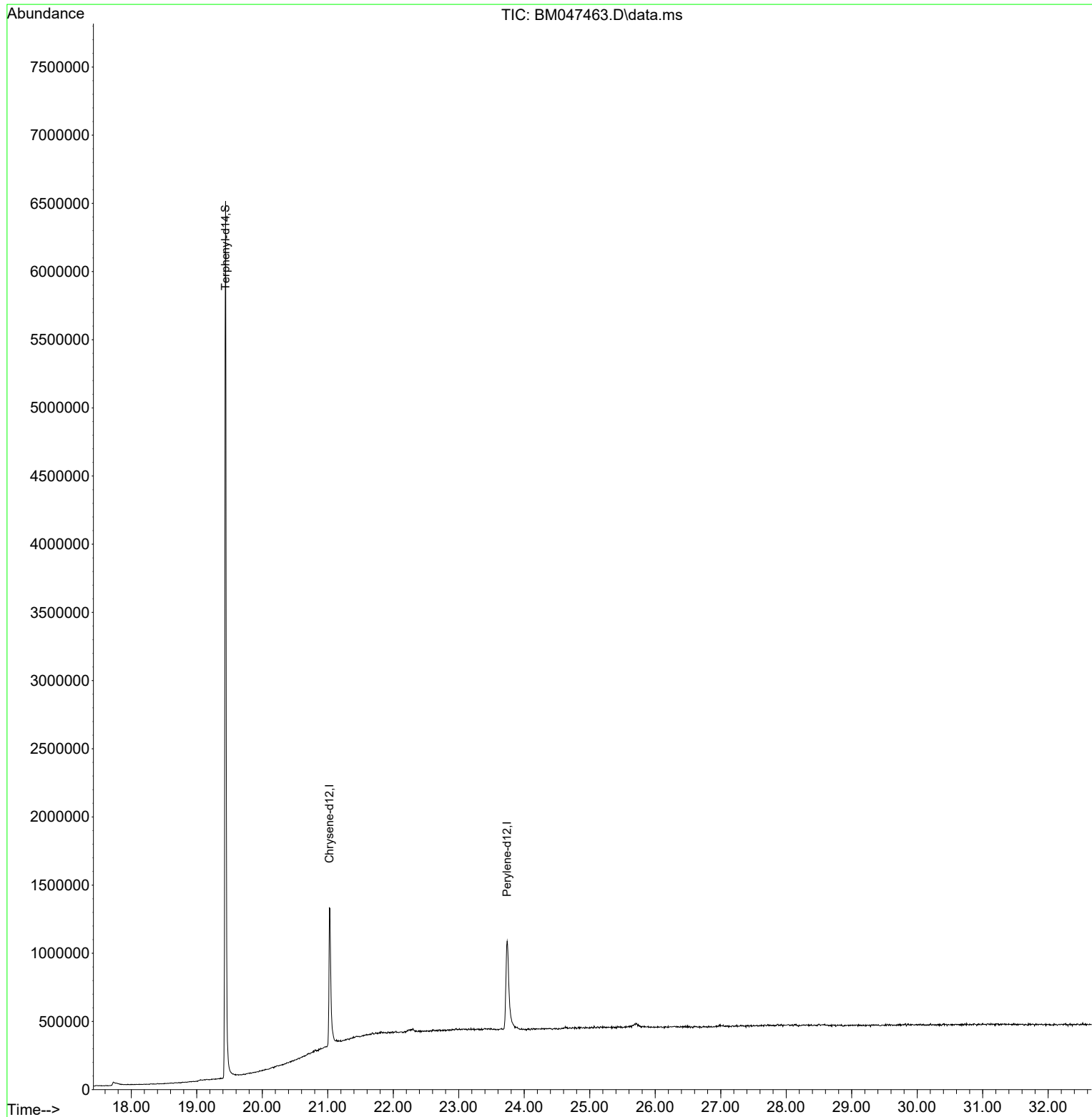
Quant Time: Sep 07 01:32:13 2024
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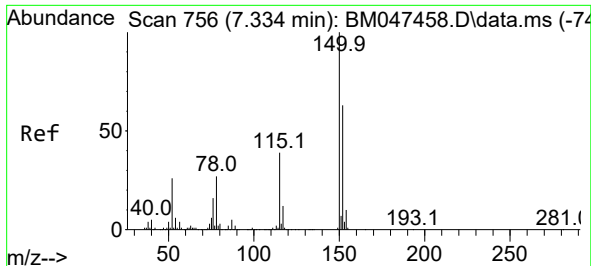


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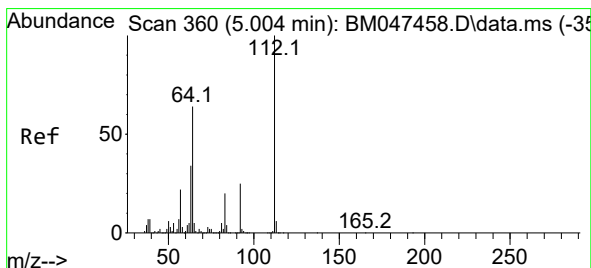
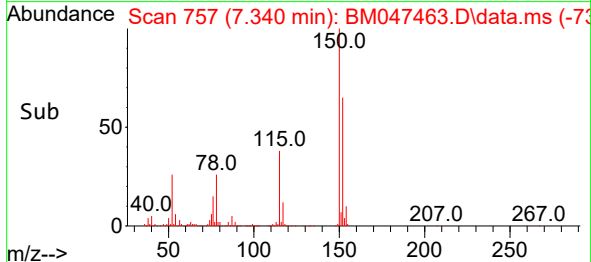
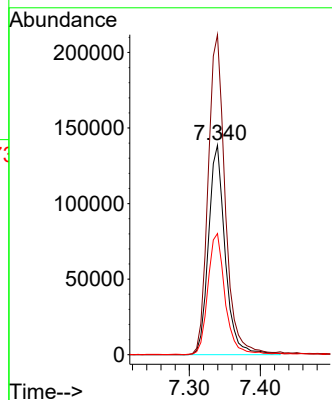
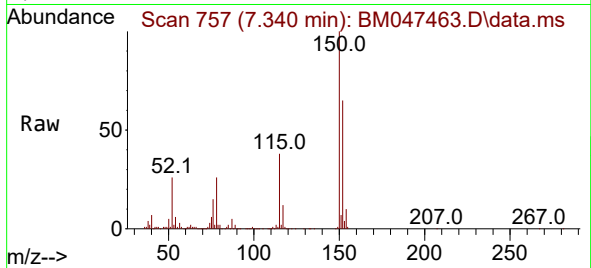




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.340 min Scan# 71
Delta R.T. 0.006 min
Lab File: BM047463.D
Acq: 06 Sep 2024 19:41

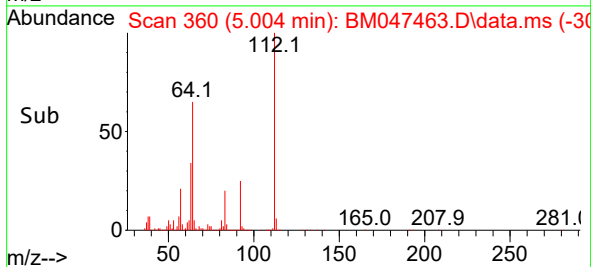
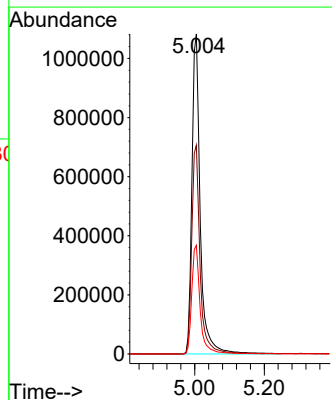
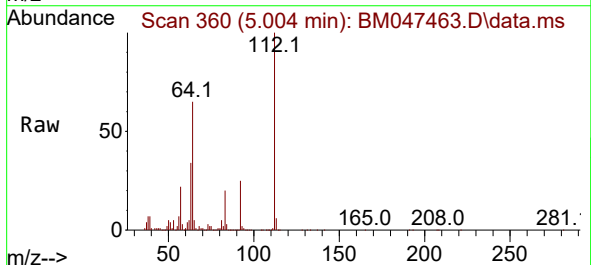
Instrument :
BNA_M
ClientSampleId :
PB163179BL

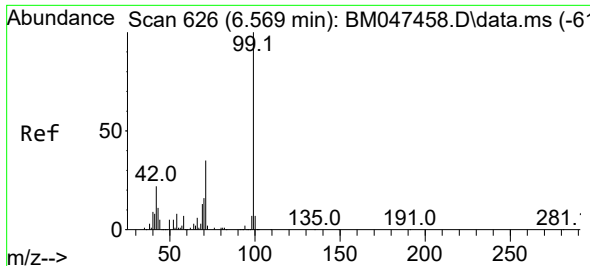
Tgt Ion:152 Resp: 226889
Ion Ratio Lower Upper
152 100
150 152.8 126.2 189.4
115 57.8 48.7 73.1



#5
2-Fluorophenol
Concen: 136.999 ng
RT: 5.004 min Scan# 360
Delta R.T. 0.000 min
Lab File: BM047463.D
Acq: 06 Sep 2024 19:41

Tgt Ion:112 Resp: 1804166
Ion Ratio Lower Upper
112 100
64 65.3 51.5 77.3
63 33.9 27.6 41.4



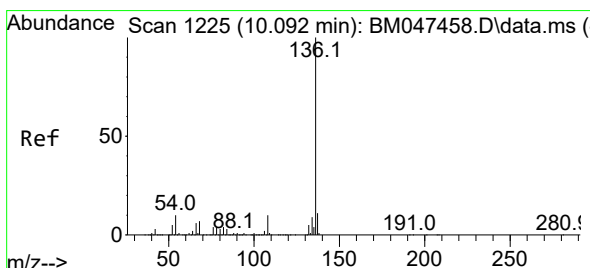
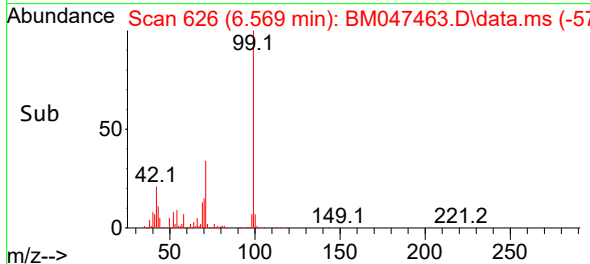
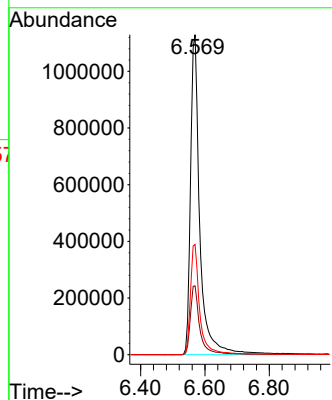
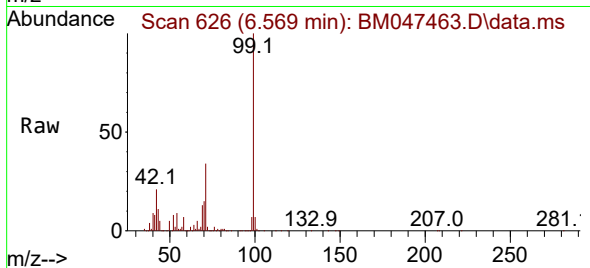


#7
Phenol-d6
Concen: 136.483 ng
RT: 6.569 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM047463.D
Acq: 06 Sep 2024 19:41

Instrument :
BNA_M
ClientSampleId :
PB163179BL

Tgt Ion: 99 Resp: 2274881

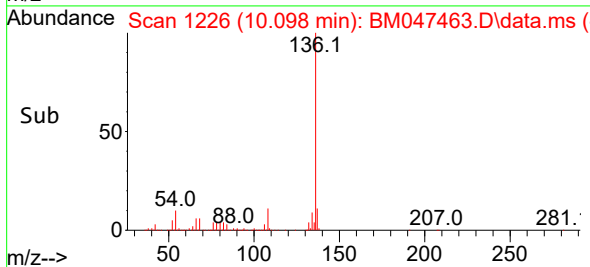
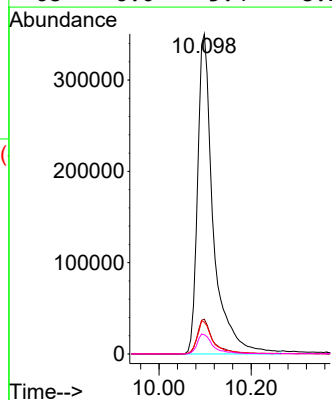
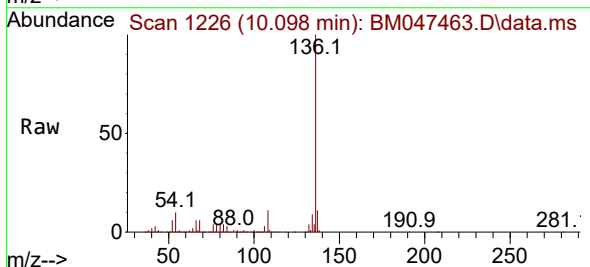
Ion	Ratio	Lower	Upper
99	100		
42	21.5	17.3	25.9
71	34.4	28.4	42.6

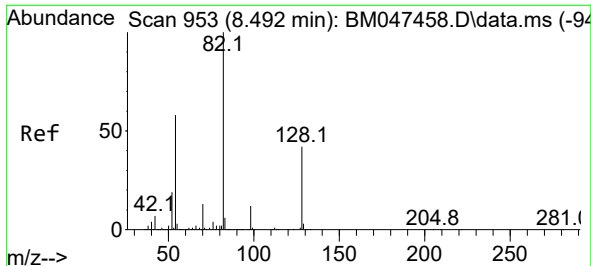


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.098 min Scan# 1226
Delta R.T. 0.006 min
Lab File: BM047463.D
Acq: 06 Sep 2024 19:41

Tgt Ion: 136 Resp: 830958

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	10.0	8.1	12.1
68	6.0	5.4	8.2

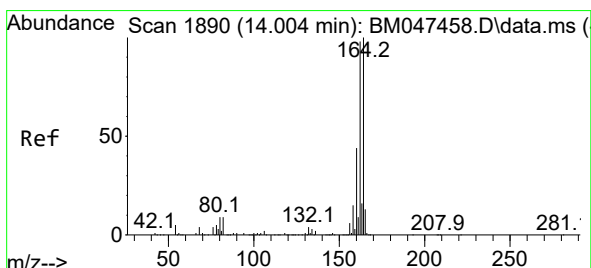
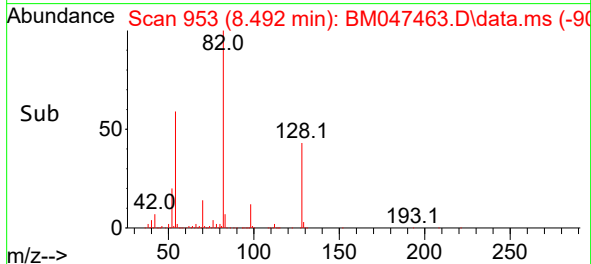
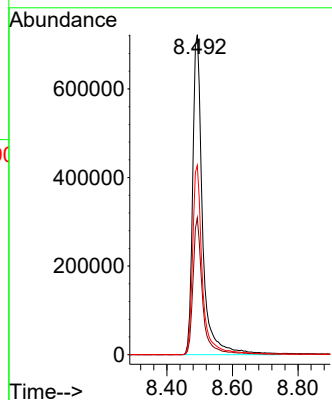
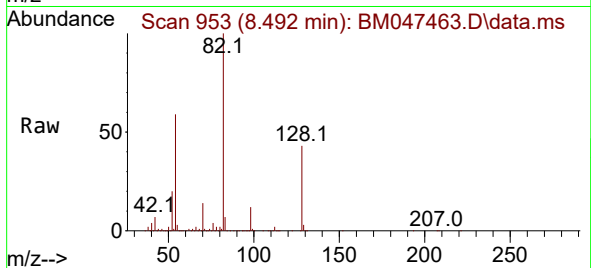




#23
Nitrobenzene-d5
Concen: 95.327 ng
RT: 8.492 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM047463.D
Acq: 06 Sep 2024 19:41

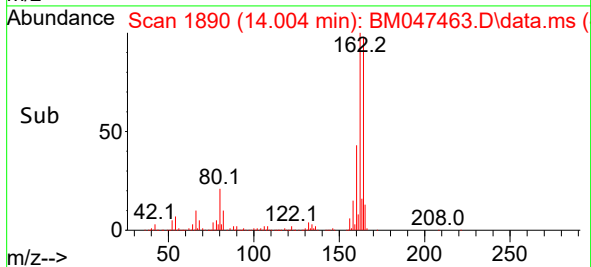
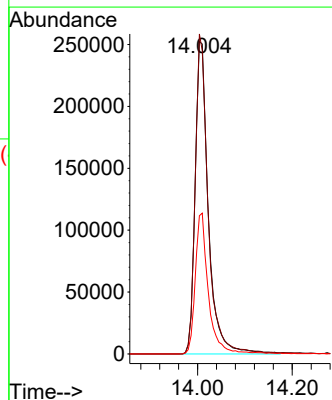
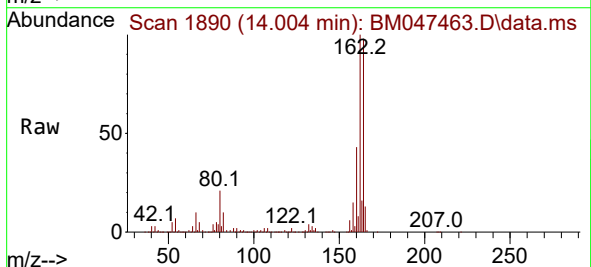
Instrument :
BNA_M
ClientSampleId :
PB163179BL

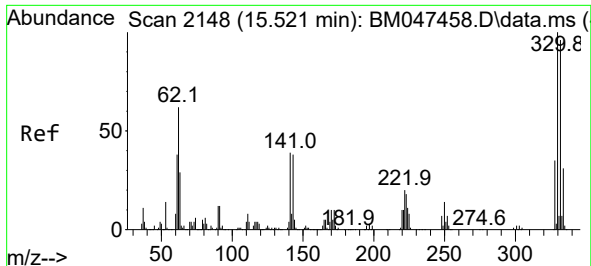
Tgt Ion: 82 Resp: 1524739
Ion Ratio Lower Upper
82 100
128 42.7 33.7 50.5
54 59.2 46.6 69.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.004 min Scan# 1890
Delta R.T. 0.000 min
Lab File: BM047463.D
Acq: 06 Sep 2024 19:41

Tgt Ion: 164 Resp: 491342
Ion Ratio Lower Upper
164 100
162 102.4 78.2 117.4
160 44.2 35.5 53.3

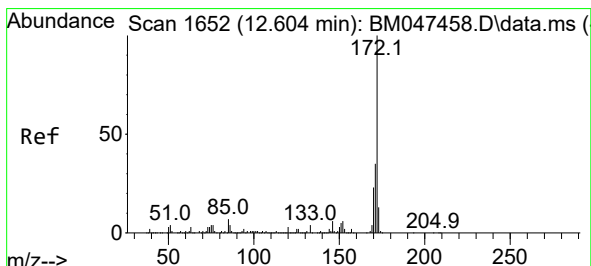
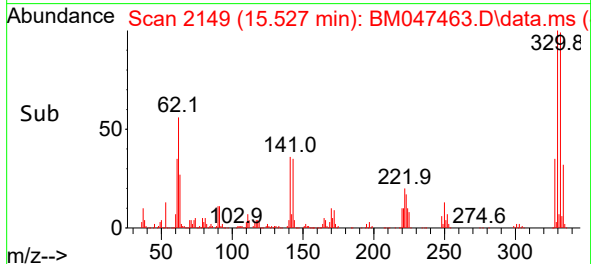
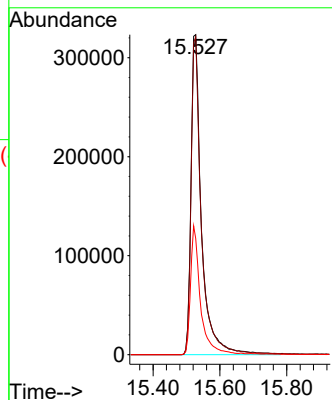
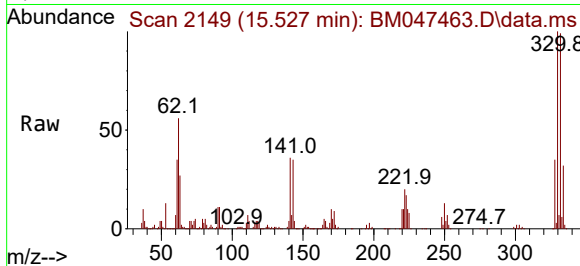




#42
2,4,6-Tribromophenol
Concen: 132.283 ng
RT: 15.527 min Scan# 2148
Delta R.T. 0.006 min
Lab File: BM047463.D
Acq: 06 Sep 2024 19:41

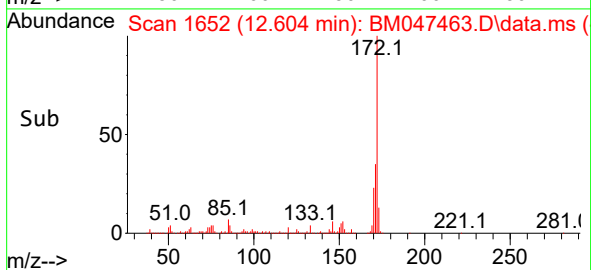
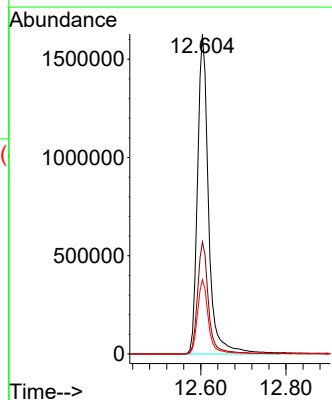
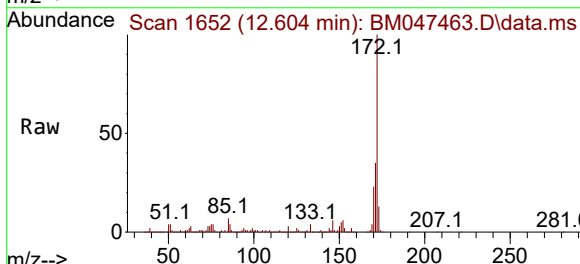
Instrument :
BNA_M
ClientSampleId :
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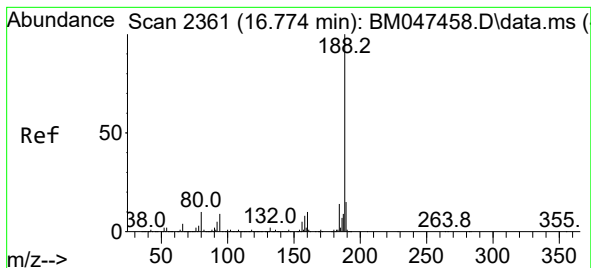
Tgt Ion:330 Resp: 707902
Ion Ratio Lower Upper
330 100
332 97.7 77.7 116.5
141 37.8 30.6 46.0



#45
2-Fluorobiphenyl
Concen: 92.406 ng
RT: 12.604 min Scan# 1652
Delta R.T. 0.000 min
Lab File: BM047463.D
Acq: 06 Sep 2024 19:41

Tgt Ion:172 Resp: 2933621
Ion Ratio Lower Upper
172 100
171 35.0 27.8 41.6
170 23.2 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.786 min Scan# 21

Delta R.T. 0.012 min

Lab File: BM047463.D

Acq: 06 Sep 2024 19:41

Instrument :

BNA_M

ClientSampleId :

PB163179BL

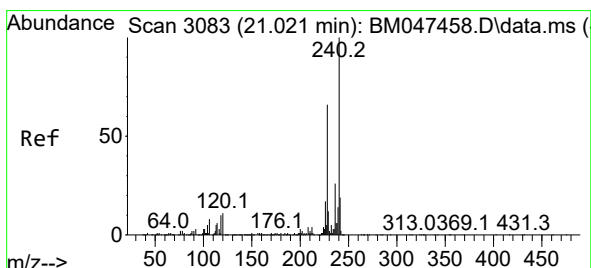
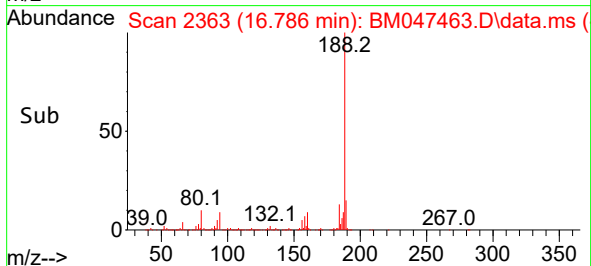
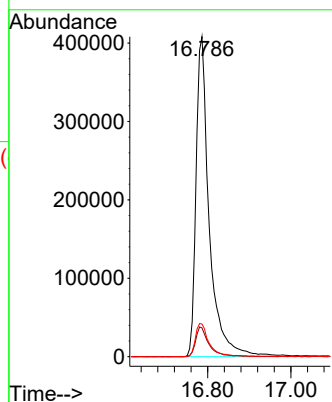
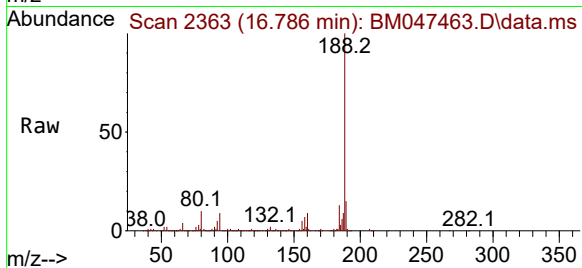
Tgt Ion:188 Resp: 902658

Ion Ratio Lower Upper

188 100

94 9.0 7.4 11.2

80 10.2 8.4 12.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.027 min Scan# 3084

Delta R.T. 0.006 min

Lab File: BM047463.D

Acq: 06 Sep 2024 19:41

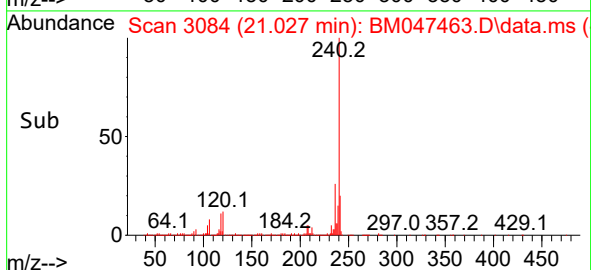
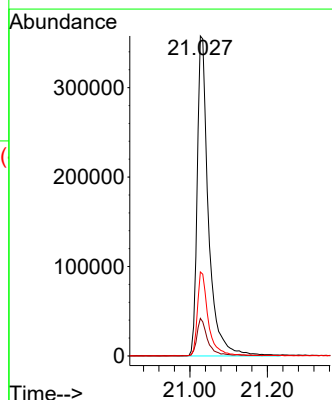
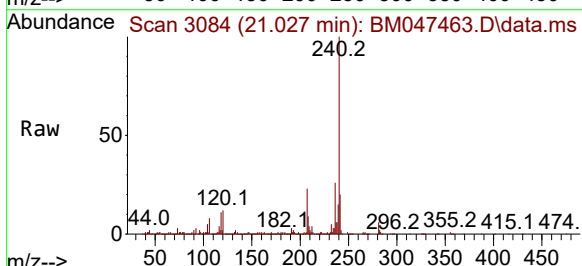
Tgt Ion:240 Resp: 722678

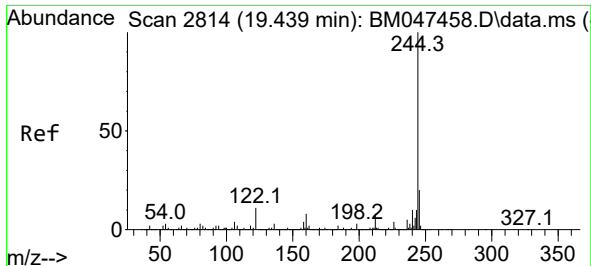
Ion Ratio Lower Upper

240 100

120 11.8 8.9 13.3

236 26.2 20.8 31.2

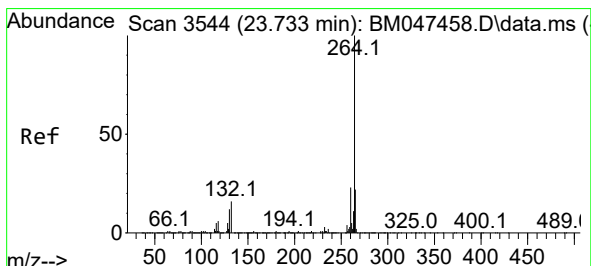
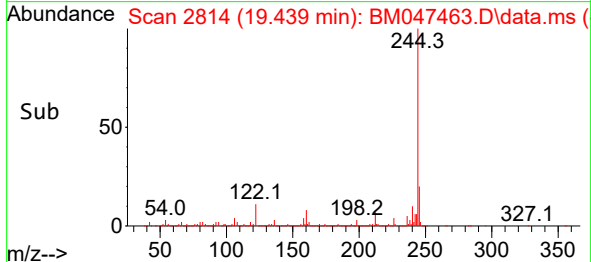
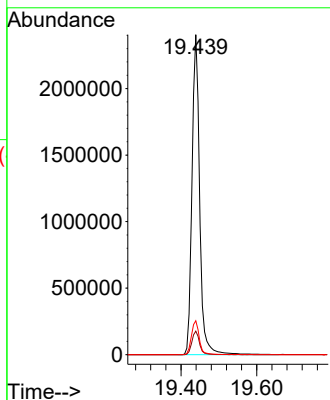
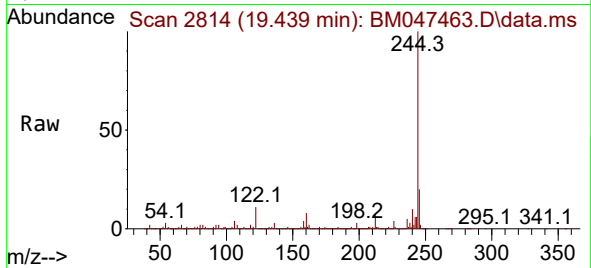




#79
 Terphenyl-d14
 Concen: 93.409 ng
 RT: 19.439 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM047463.D
 Acq: 06 Sep 2024 19:41

Instrument :
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 PB163179BL

Tgt Ion:244 Resp: 3402129
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.1 9.1
 122 10.6 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.739 min Scan# 3545
 Delta R.T. 0.006 min
 Lab File: BM047463.D
 Acq: 06 Sep 2024 19:41

Tgt Ion:264 Resp: 824687
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.8 28.2
 265 22.0 18.0 27.0

