

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082924\
 Data File : BM047392.D
 Acq On : 29 Aug 2024 13:42
 Operator : RC/JU
 Sample : PB163062BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB163062BL

Quant Time: Aug 29 14:19:39 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)

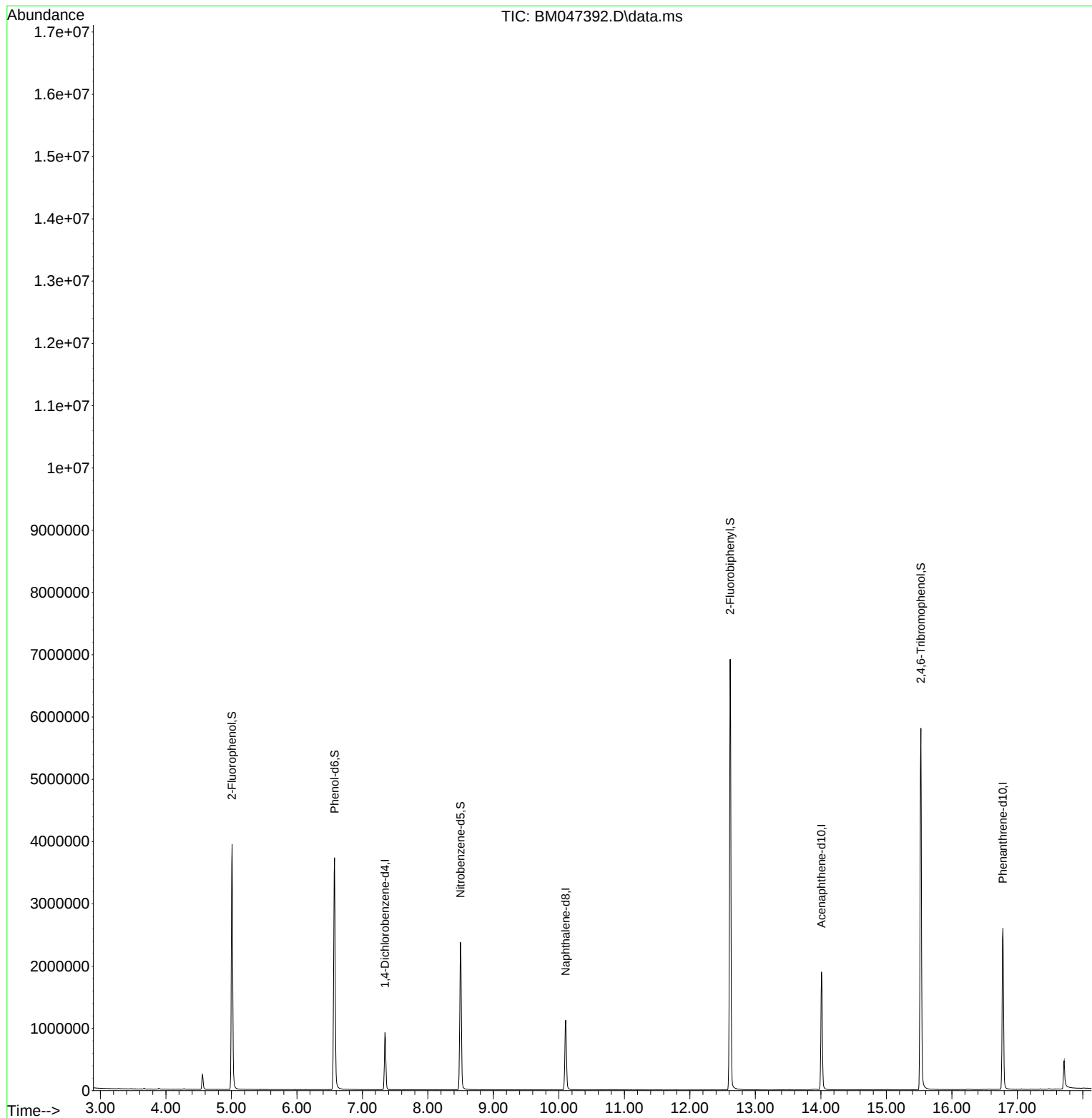
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.345	152	260002	20.000	ng	0.00
21) Naphthalene-d8	10.104	136	992647	20.000	ng	0.00
39) Acenaphthene-d10	14.010	164	732314	20.000	ng	0.00
64) Phenanthrene-d10	16.780	188	1687263	20.000	ng	0.00
76) Chrysene-d12	21.027	240	1713734	20.000	ng	0.00
86) Perylene-d12	23.727	264	1898370	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.010	112	1754081	129.434	ng	0.00
7) Phenol-d6	6.575	99	2306354	124.929	ng	0.00
23) Nitrobenzene-d5	8.498	82	1459977	81.608	ng	0.00
42) 2,4,6-Tribromophenol	15.527	330	1187484	134.403	ng	0.00
45) 2-Fluorobiphenyl	12.616	172	3771307	79.127	ng	0.00
79) Terphenyl-d14	19.451	244	7080166	73.538	ng	0.00
Target Compounds						
9) Benzaldehyde	6.510	77	132	Below Cal	Qvalue #	22

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

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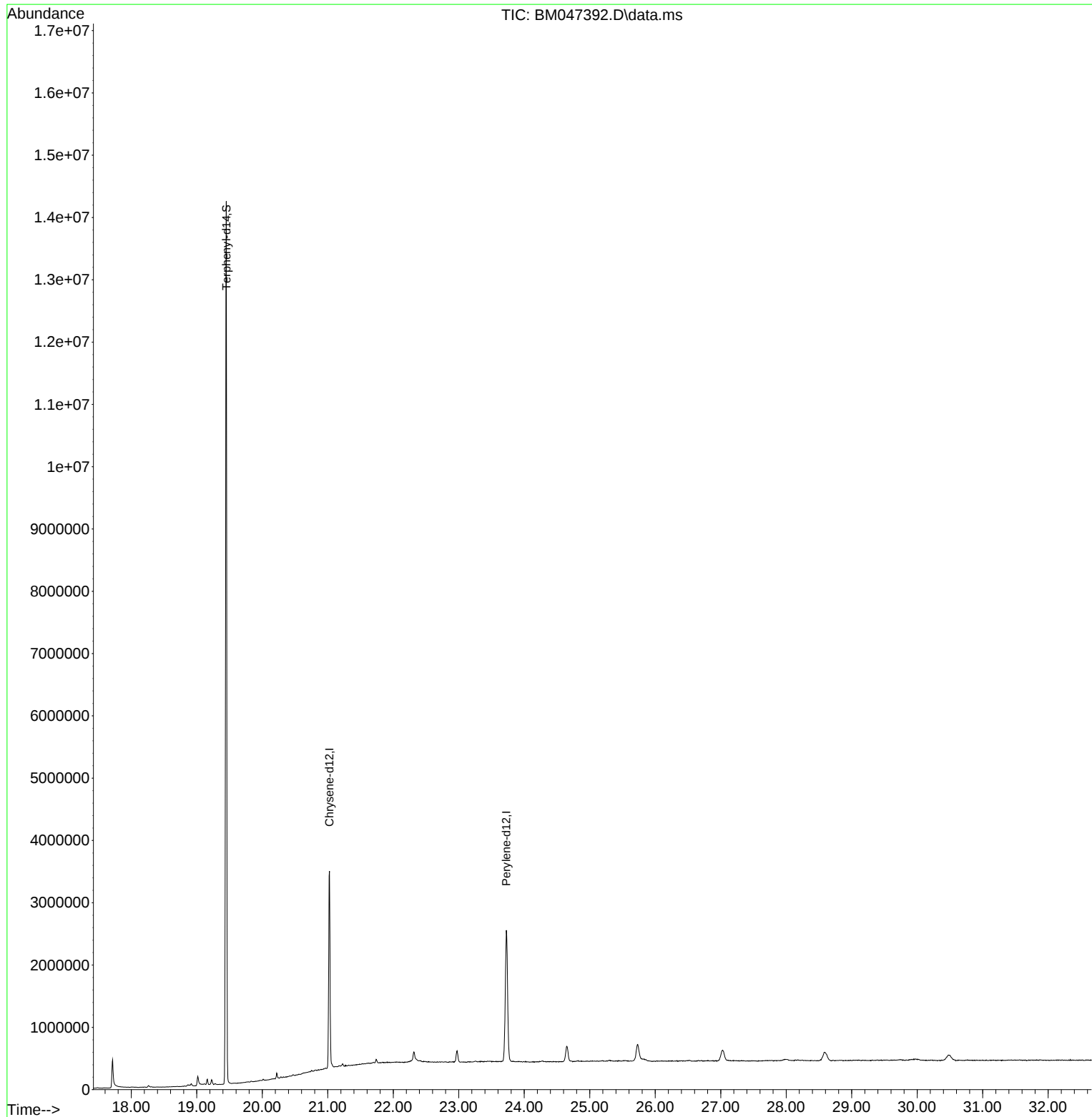
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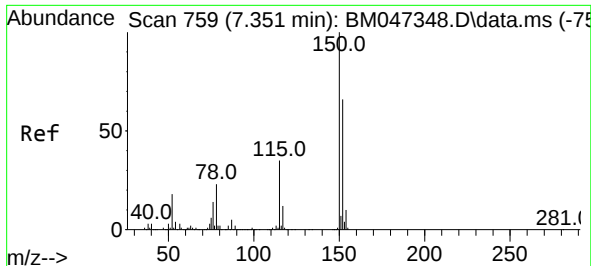


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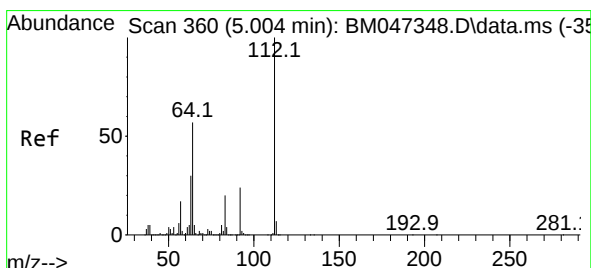
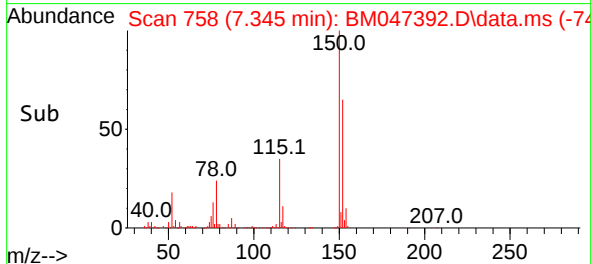
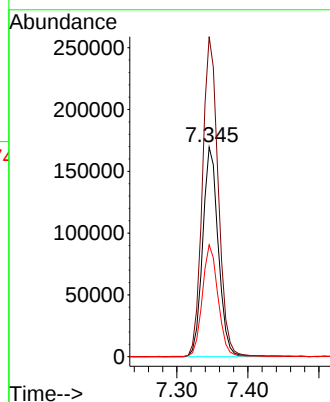
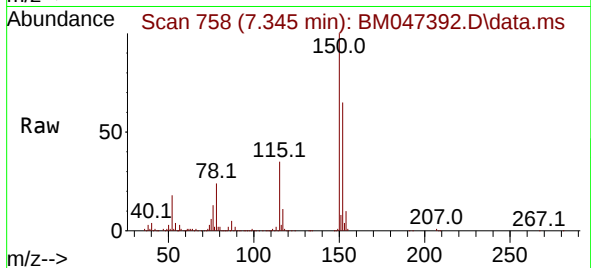




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.345 min Scan# 71
Delta R.T. -0.006 min
Lab File: BM047392.D
Acq: 29 Aug 2024 13:42

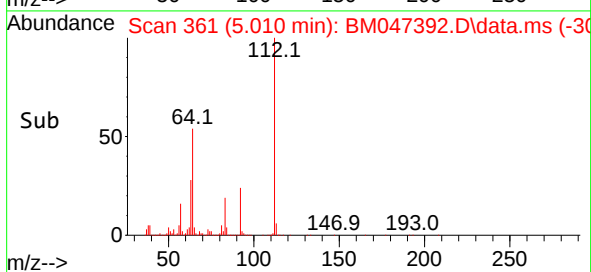
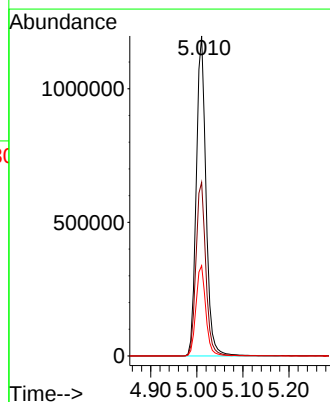
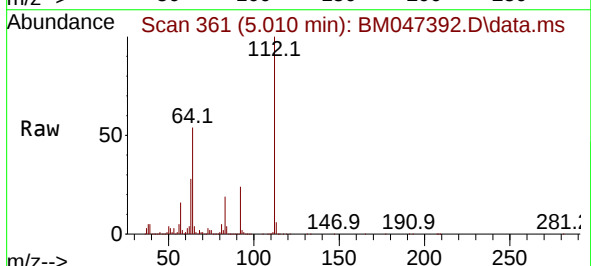
Instrument :
BNA_M
ClientSampleId :
PB163062BL

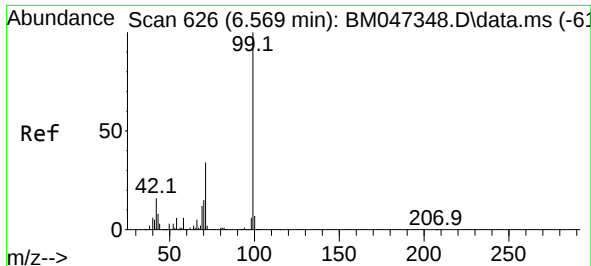
Tgt Ion:152 Resp: 260002
Ion Ratio Lower Upper
152 100
150 152.7 121.3 181.9
115 53.3 42.6 64.0



#5
2-Fluorophenol
Concen: 129.434 ng
RT: 5.010 min Scan# 361
Delta R.T. 0.006 min
Lab File: BM047392.D
Acq: 29 Aug 2024 13:42

Tgt Ion:112 Resp: 1754081
Ion Ratio Lower Upper
112 100
64 54.2 45.7 68.5
63 28.2 23.8 35.8

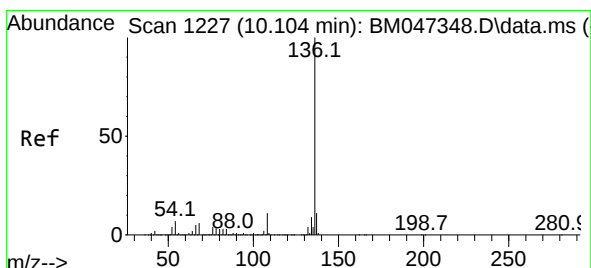
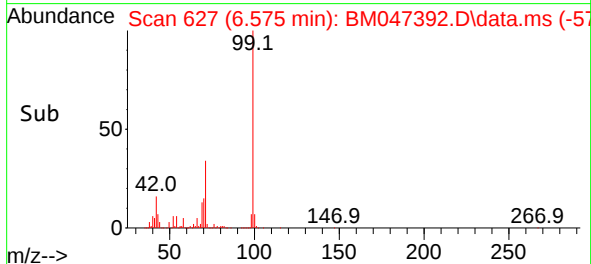
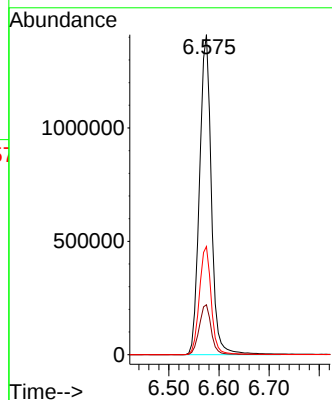
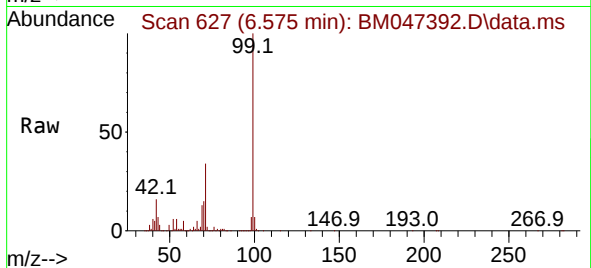




#7
Phenol-d6
Concen: 124.929 ng
RT: 6.575 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM047392.D
Acq: 29 Aug 2024 13:42

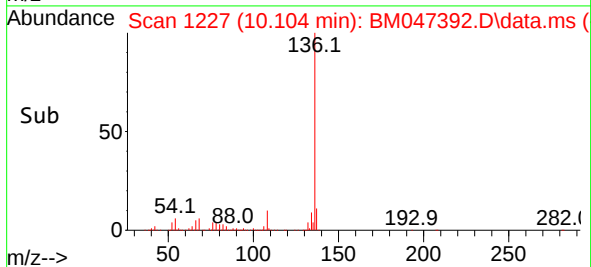
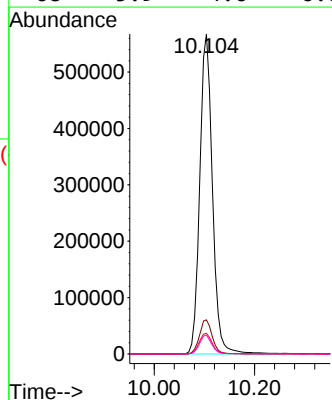
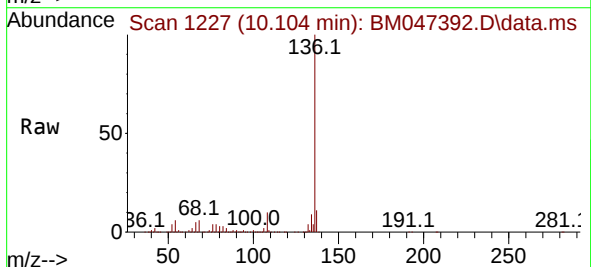
Instrument :
BNA_M
ClientSampleId :
PB163062BL

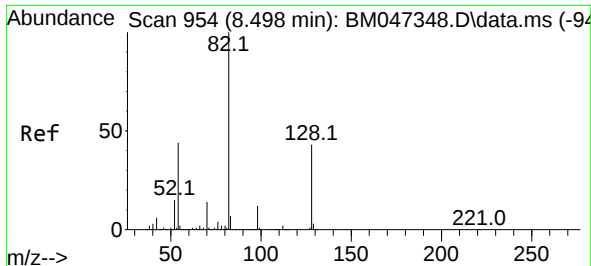
Tgt Ion: 99 Resp: 2306354
Ion Ratio Lower Upper
99 100
42 15.6 13.0 19.4
71 33.8 27.5 41.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.104 min Scan# 1227
Delta R.T. 0.000 min
Lab File: BM047392.D
Acq: 29 Aug 2024 13:42

Tgt Ion: 136 Resp: 992647
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 6.5 5.2 7.8
68 5.9 4.6 6.8

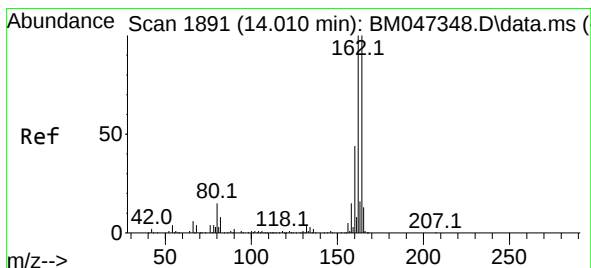
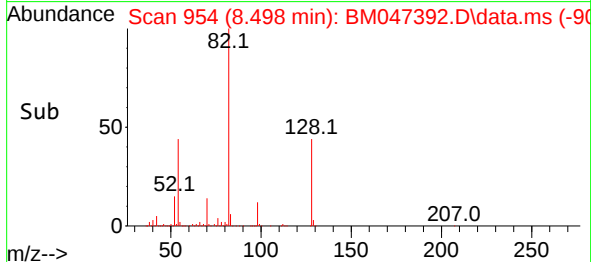
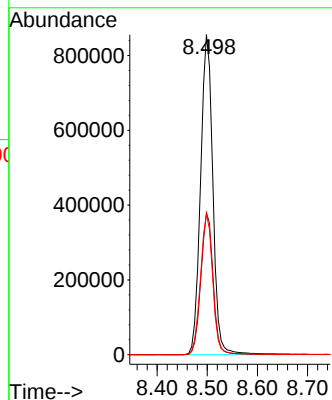
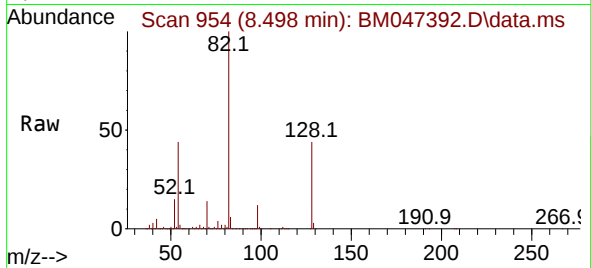




#23
Nitrobenzene-d5
Concen: 81.608 ng
RT: 8.498 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM047392.D
Acq: 29 Aug 2024 13:42

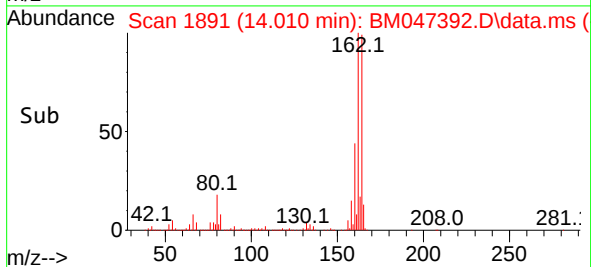
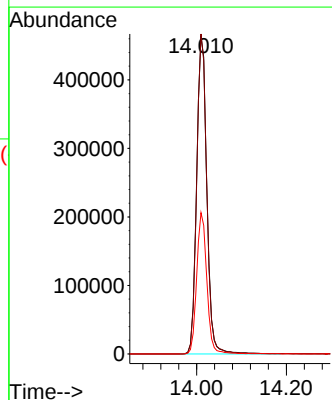
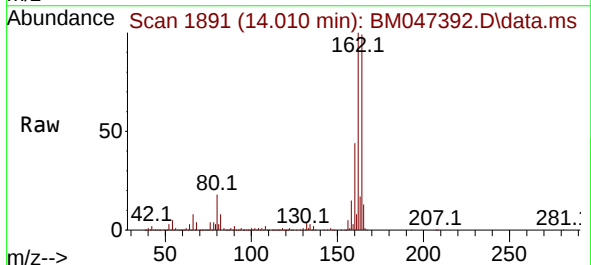
Instrument :
BNA_M
ClientSampleId :
PB163062BL

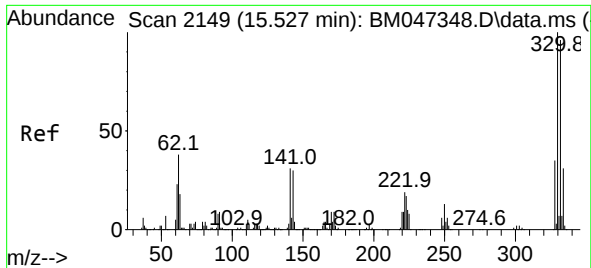
Tgt Ion: 82 Resp: 1459977
Ion Ratio Lower Upper
82 100
128 44.4 34.6 51.8
54 43.9 35.5 53.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.010 min Scan# 1891
Delta R.T. -0.000 min
Lab File: BM047392.D
Acq: 29 Aug 2024 13:42

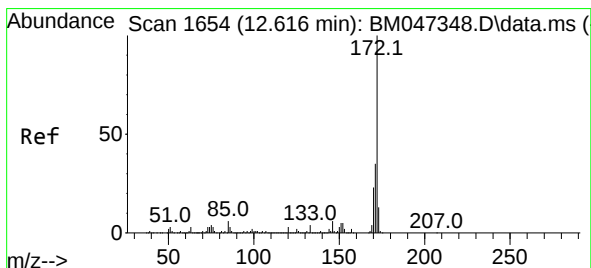
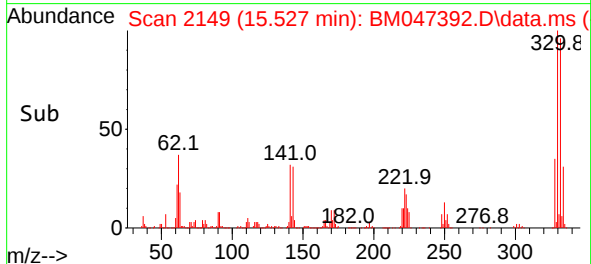
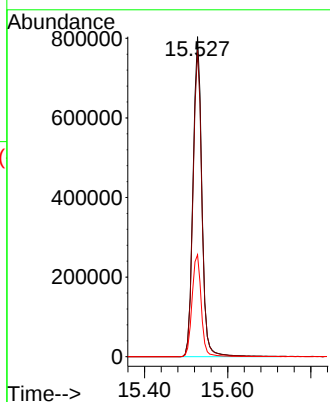
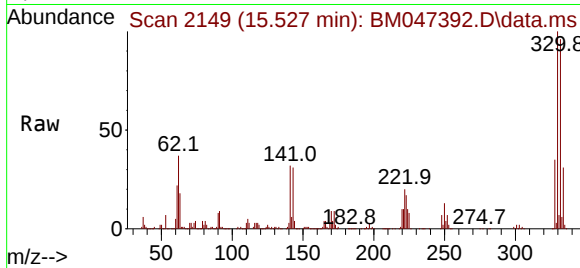
Tgt Ion:164 Resp: 732314
Ion Ratio Lower Upper
164 100
162 100.6 79.7 119.5
160 44.4 34.9 52.3





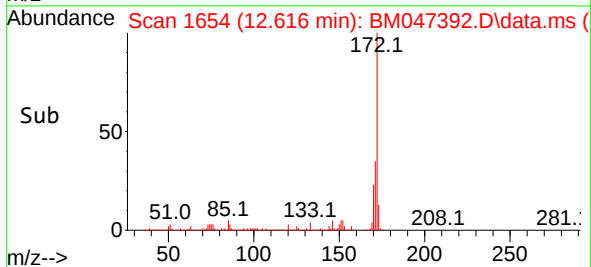
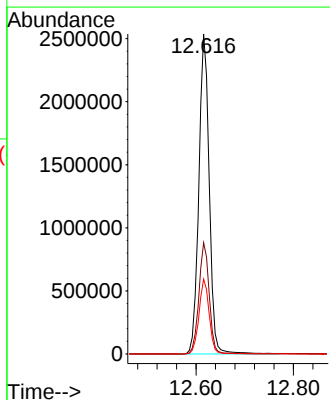
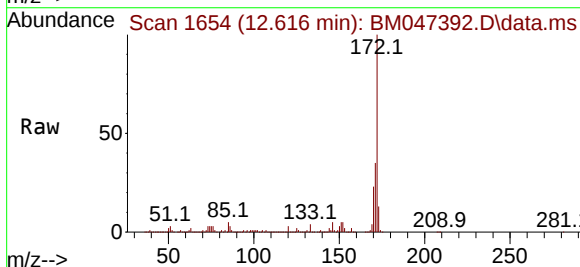
#42
2,4,6-Tribromophenol
Concen: 134.403 ng
RT: 15.527 min Scan# 2149
Delta R.T. 0.000 min
Lab File: BM047392.D
Acq: 29 Aug 2024 13:42

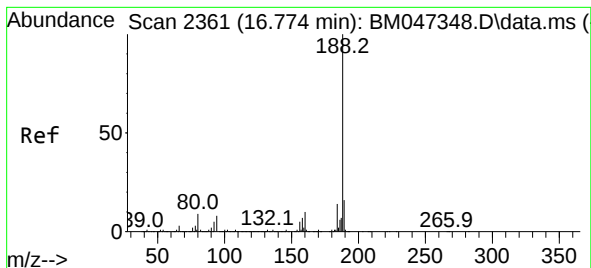
Instrument :
BNA_M
ClientSampleId :
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#45
2-Fluorobiphenyl
Concen: 79.127 ng
RT: 12.616 min Scan# 1654
Delta R.T. 0.000 min
Lab File: BM047392.D
Acq: 29 Aug 2024 13:42

Tgt Ion:172 Resp: 3771307
Ion Ratio Lower Upper
172 100
171 34.7 27.8 41.6
170 23.4 18.5 27.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.780 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM047392.D

Acq: 29 Aug 2024 13:42

Instrument :

BNA_M

ClientSampleId :

PB163062BL

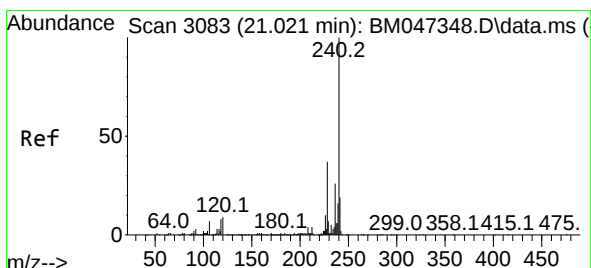
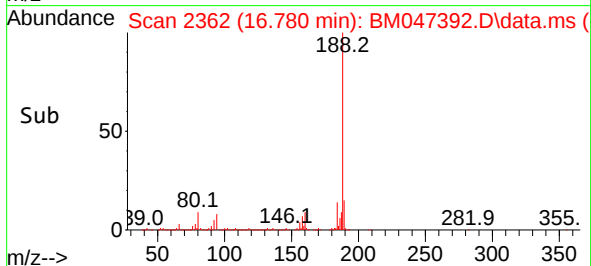
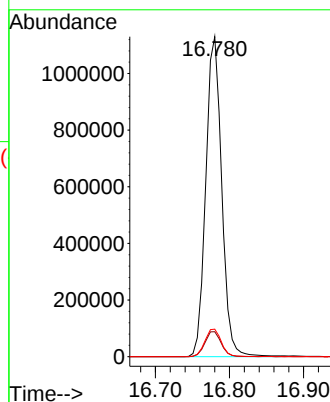
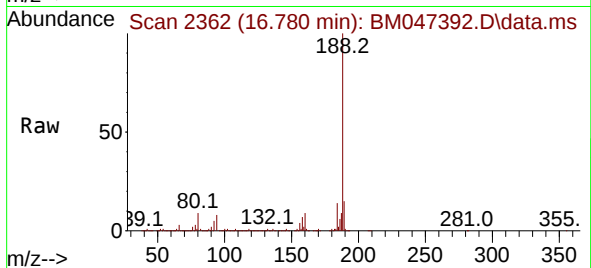
Tgt Ion:188 Resp: 1687263

Ion Ratio Lower Upper

188 100

94 7.8 6.4 9.6

80 8.6 7.4 11.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.027 min Scan# 3084

Delta R.T. 0.006 min

Lab File: BM047392.D

Acq: 29 Aug 2024 13:42

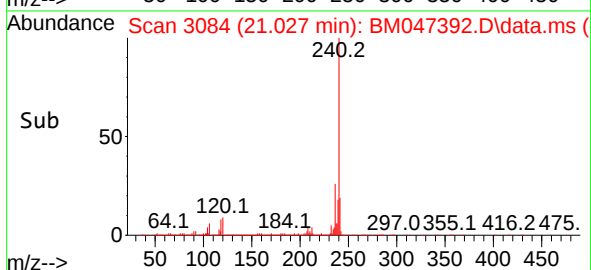
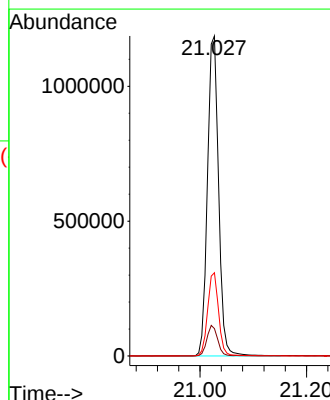
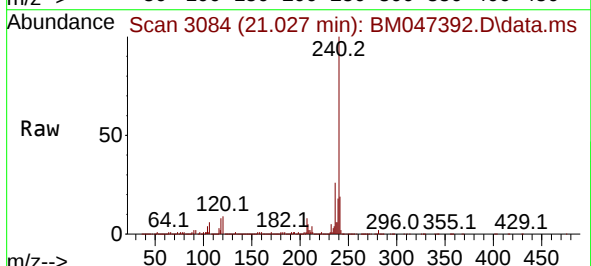
Tgt Ion:240 Resp: 1713734

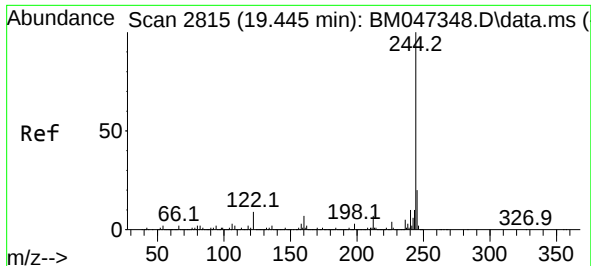
Ion Ratio Lower Upper

240 100

120 8.6 7.4 11.0

236 26.0 20.8 31.2

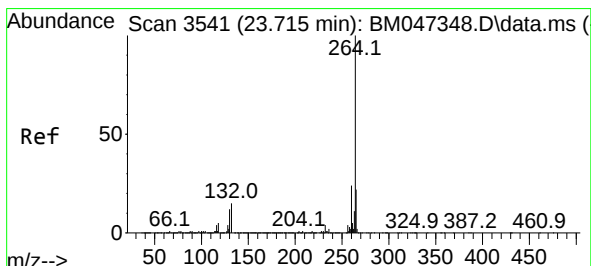
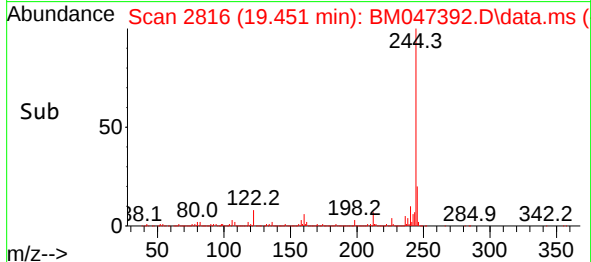
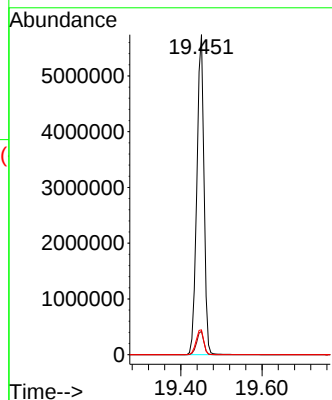
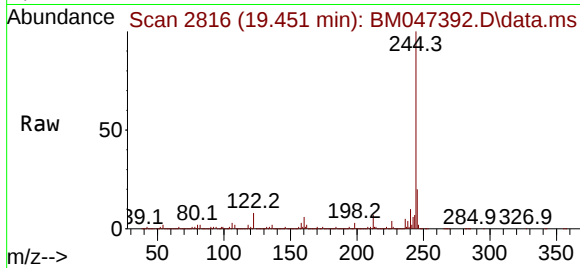




#79
 Terphenyl-d14
 Concen: 73.538 ng
 RT: 19.451 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BM047392.D
 Acq: 29 Aug 2024 13:42

Instrument :
 BNA_M
 ClientSampleId :
 PB163062BL

Tgt Ion:244 Resp: 7080166
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 7.7 7.0 10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.727 min Scan# 3543
 Delta R.T. 0.012 min
 Lab File: BM047392.D
 Acq: 29 Aug 2024 13:42

Tgt Ion:264 Resp: 1898370
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.0 28.4
 265 22.1 17.8 26.6

