

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090524\
 Data File : BM047446.D
 Acq On : 05 Sep 2024 14:03
 Operator : RC/JU
 Sample : PB163165BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB163165BL

Quant Time: Sep 05 14:43:22 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)

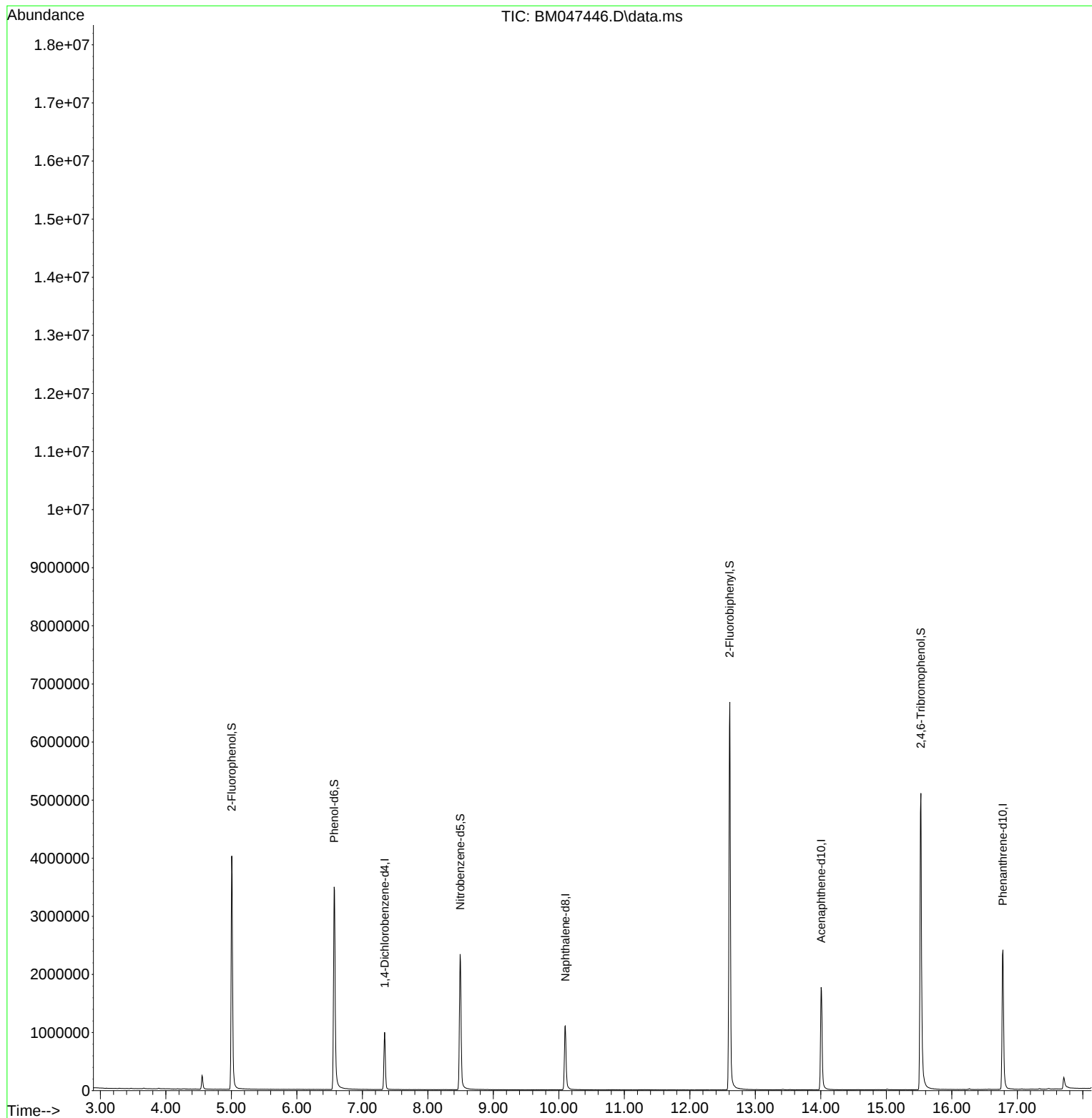
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.340	152	291314	20.000	ng	-0.01
21) Naphthalene-d8	10.098	136	1078556	20.000	ng	0.00
39) Acenaphthene-d10	14.004	164	778915	20.000	ng	0.00
64) Phenanthrene-d10	16.780	188	1778614	20.000	ng	0.00
76) Chrysene-d12	21.027	240	1804523	20.000	ng	0.00
86) Perylene-d12	23.733	264	1794446	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.004	112	1965112	129.420	ng	0.00
7) Phenol-d6	6.569	99	2476070	119.706	ng	0.00
23) Nitrobenzene-d5	8.492	82	1561067	80.308	ng	0.00
42) 2,4,6-Tribromophenol	15.527	330	1263512	134.452	ng	0.00
45) 2-Fluorobiphenyl	12.610	172	4039598	79.686	ng	0.00
79) Terphenyl-d14	19.445	244	7751031	76.455	ng	0.00
Target Compounds						
9) Benzaldehyde	6.510	77	237	Below Cal	Qvalue #	25

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

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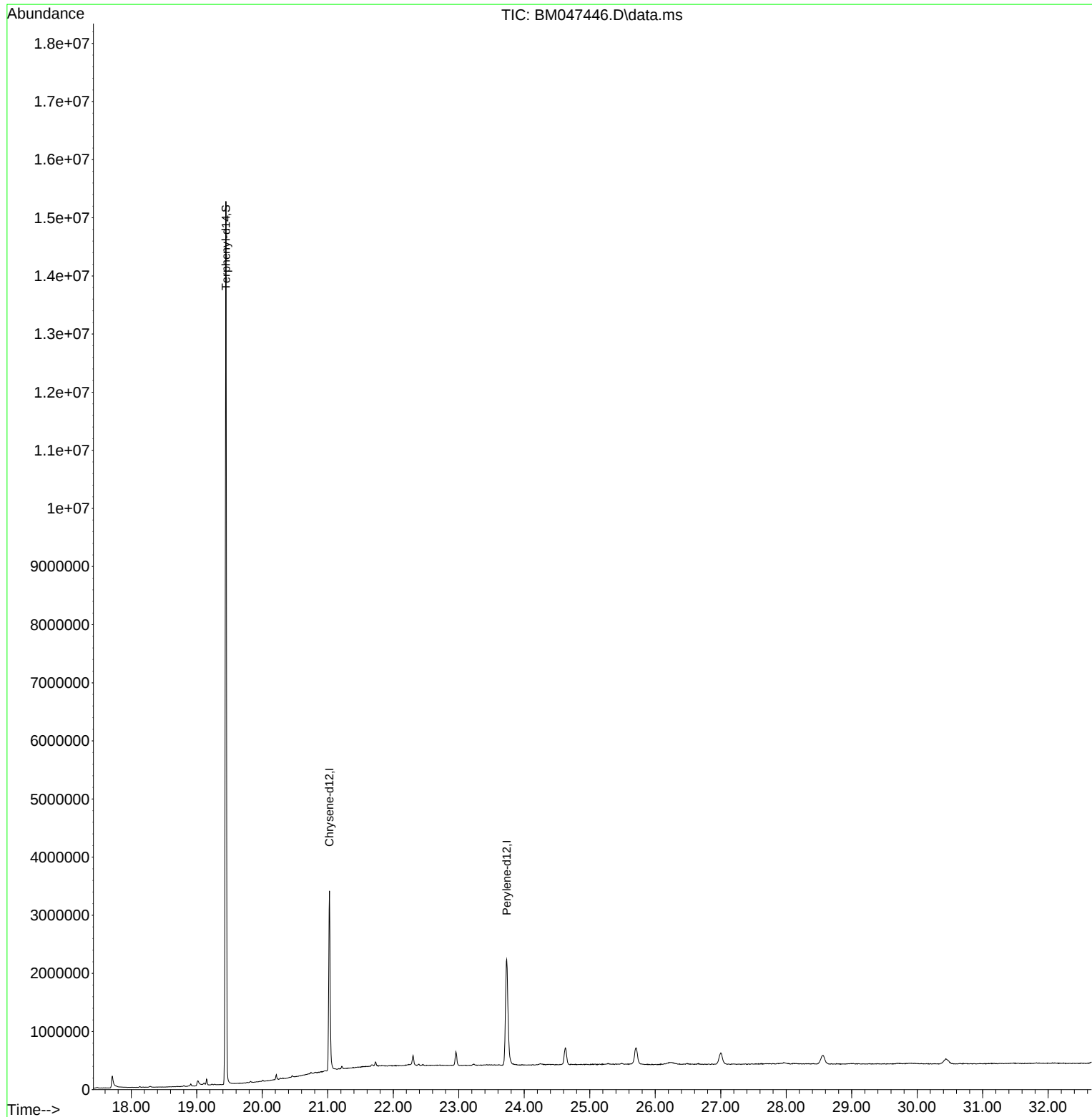
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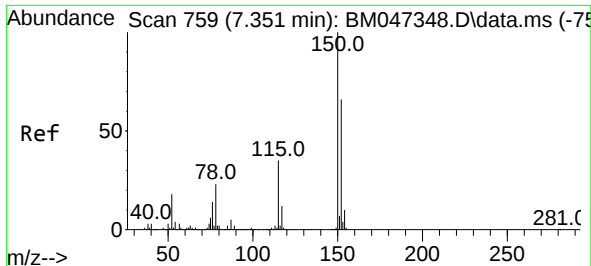


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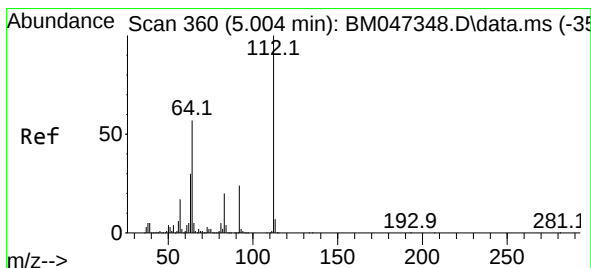
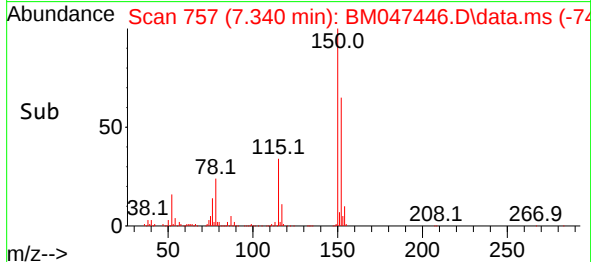
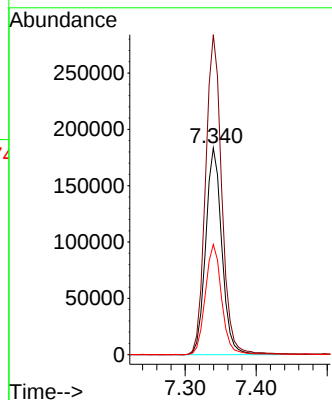
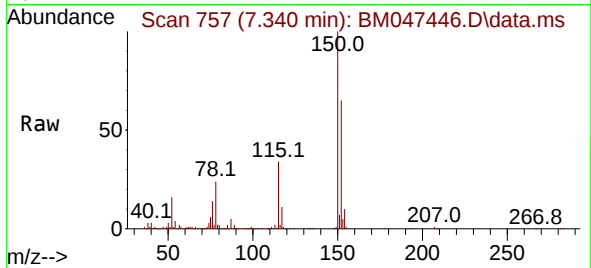




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.340 min Scan# 71
 Delta R.T. -0.011 min
 Lab File: BM047446.D
 Acq: 05 Sep 2024 14:03

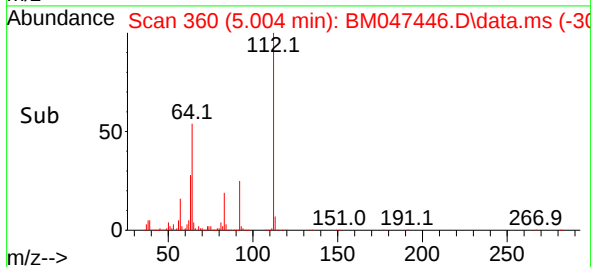
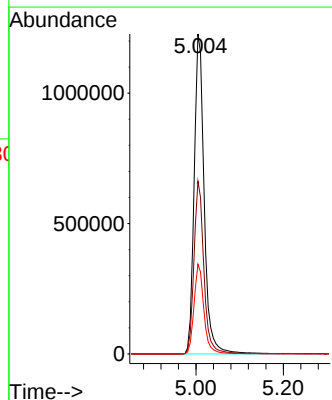
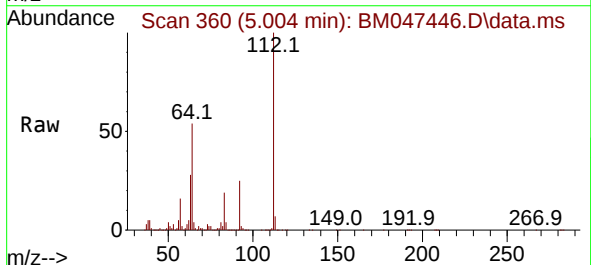
Instrument :
 BNA_M
 ClientSampleId :
 PB163165BL

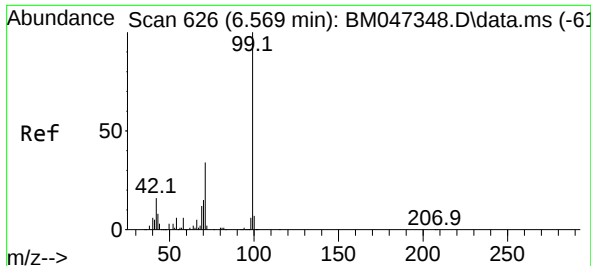
Tgt Ion:152 Resp: 291314
 Ion Ratio Lower Upper
 152 100
 150 154.8 121.3 181.9
 115 53.3 42.6 64.0



#5
 2-Fluorophenol
 Concen: 129.420 ng
 RT: 5.004 min Scan# 360
 Delta R.T. 0.000 min
 Lab File: BM047446.D
 Acq: 05 Sep 2024 14:03

Tgt Ion:112 Resp: 1965112
 Ion Ratio Lower Upper
 112 100
 64 54.0 45.7 68.5
 63 28.0 23.8 35.8

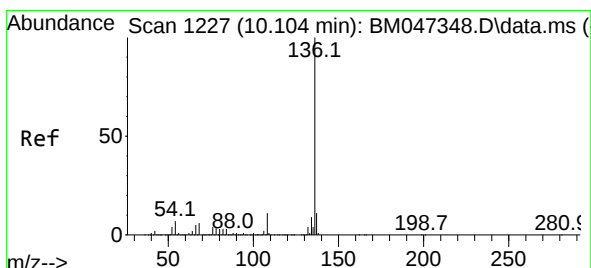
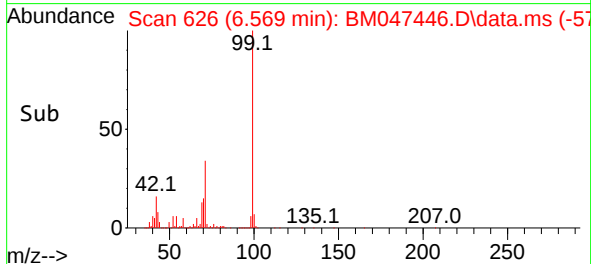
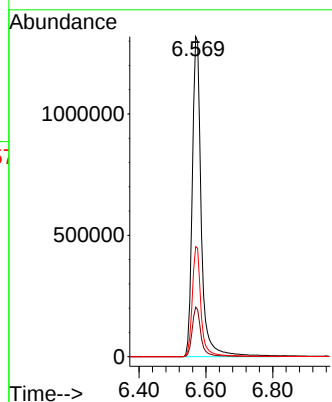
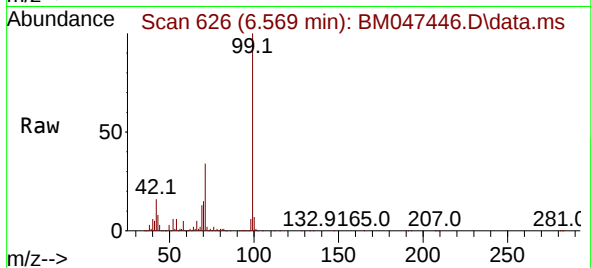




#7
Phenol-d6
Concen: 119.706 ng
RT: 6.569 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM047446.D
Acq: 05 Sep 2024 14:03

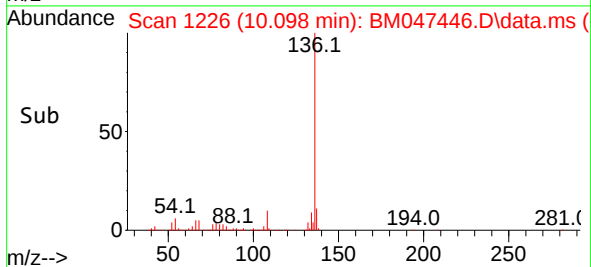
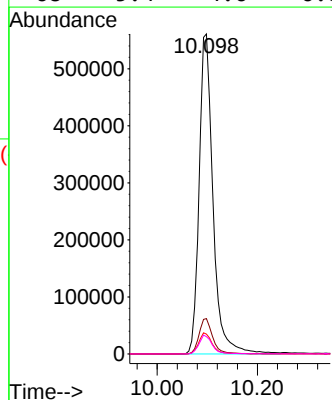
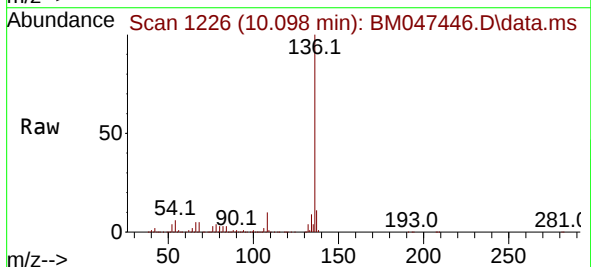
Instrument :
BNA_M
ClientSampleId :
PB163165BL

Tgt Ion: 99 Resp: 2476070
Ion Ratio Lower Upper
99 100
42 15.5 13.0 19.4
71 34.4 27.5 41.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.098 min Scan# 1226
Delta R.T. -0.006 min
Lab File: BM047446.D
Acq: 05 Sep 2024 14:03

Tgt Ion: 136 Resp: 1078556
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 6.2 5.2 7.8
68 5.4 4.6 6.8

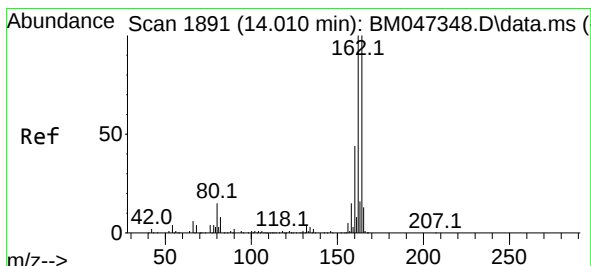
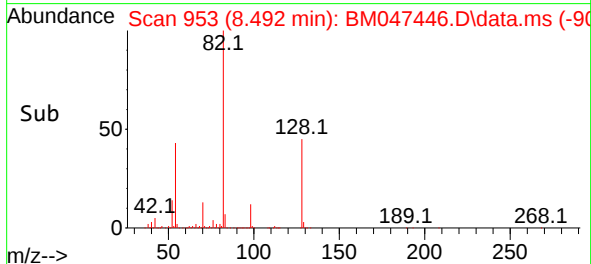
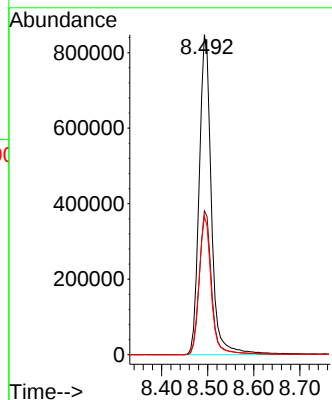
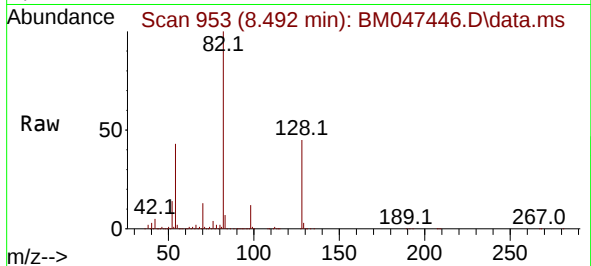




#23
Nitrobenzene-d5
Concen: 80.308 ng
RT: 8.492 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM047446.D
Acq: 05 Sep 2024 14:03

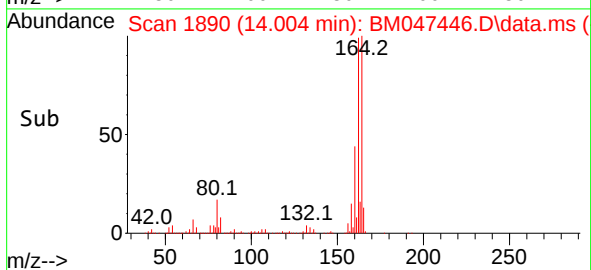
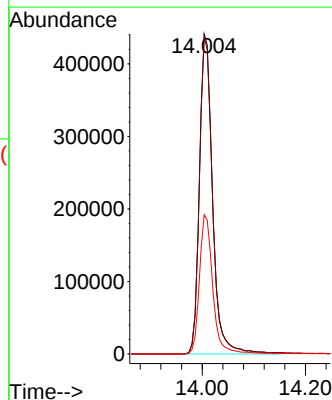
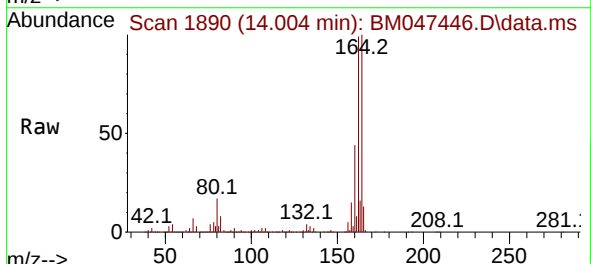
Instrument :
BNA_M
ClientSampleId :
PB163165BL

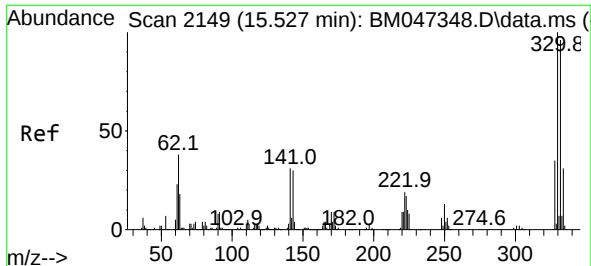
Tgt Ion: 82 Resp: 1561067
Ion Ratio Lower Upper
82 100
128 45.0 34.6 51.8
54 43.2 35.5 53.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.004 min Scan# 1890
Delta R.T. -0.006 min
Lab File: BM047446.D
Acq: 05 Sep 2024 14:03

Tgt Ion: 164 Resp: 778915
Ion Ratio Lower Upper
164 100
162 99.0 79.7 119.5
160 43.5 34.9 52.3

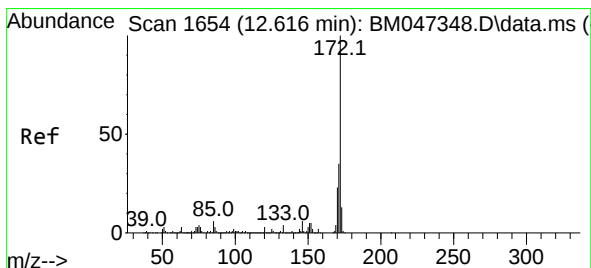
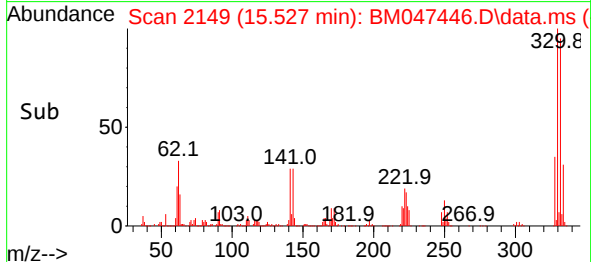
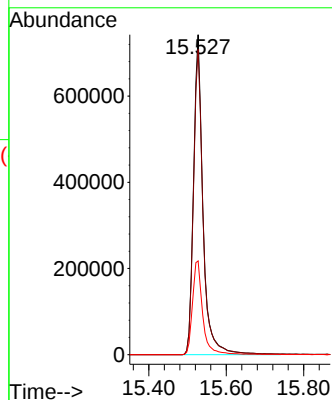
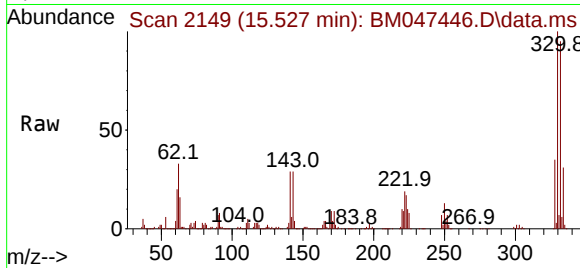




#42
2,4,6-Tribromophenol
Concen: 134.452 ng
RT: 15.527 min Scan# 2149
Delta R.T. 0.000 min
Lab File: BM047446.D
Acq: 05 Sep 2024 14:03

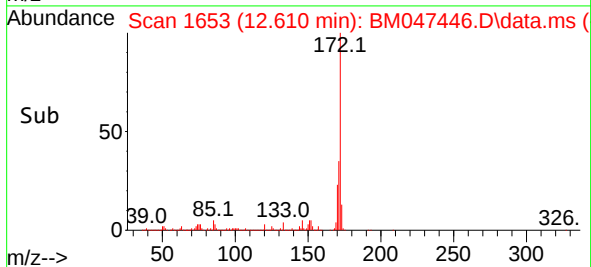
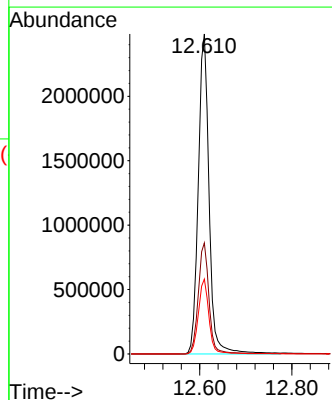
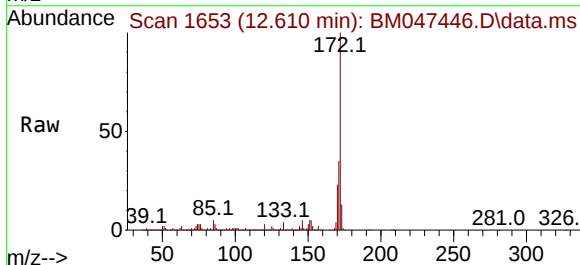
Instrument :
BNA_M
ClientSampleId :
PB163165BL

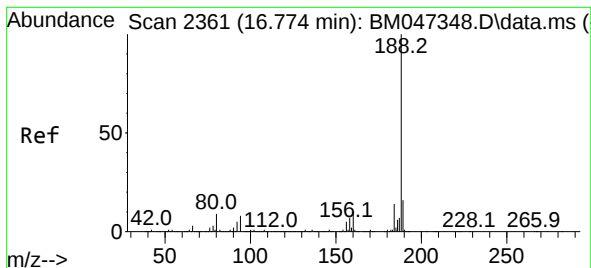
Tgt Ion:330 Resp: 1263512
Ion Ratio Lower Upper
330 100
332 97.0 77.2 115.8
141 31.5 27.6 41.4



#45
2-Fluorobiphenyl
Concen: 79.686 ng
RT: 12.610 min Scan# 1653
Delta R.T. -0.006 min
Lab File: BM047446.D
Acq: 05 Sep 2024 14:03

Tgt Ion:172 Resp: 4039598
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: BM047446.D

Acq: 05 Sep 2024 14:03

Instrument :

BNA_M

ClientSampleId :

PB163165BL

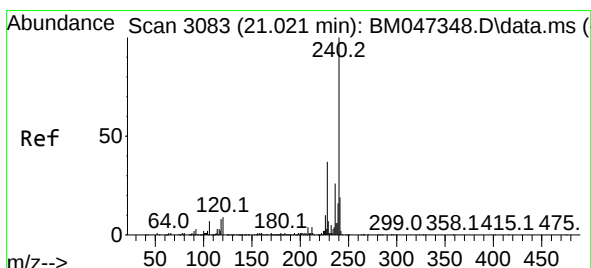
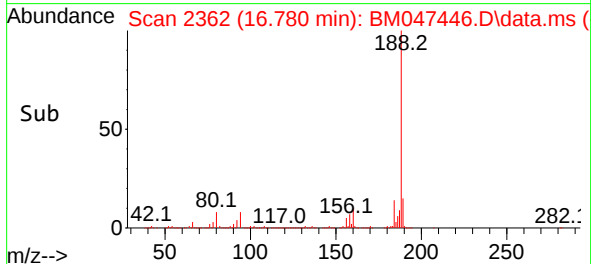
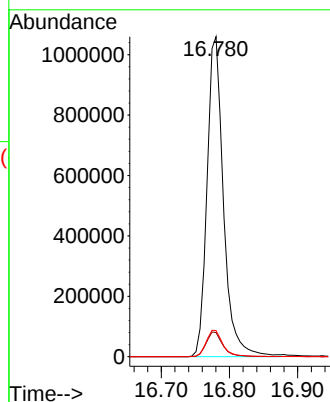
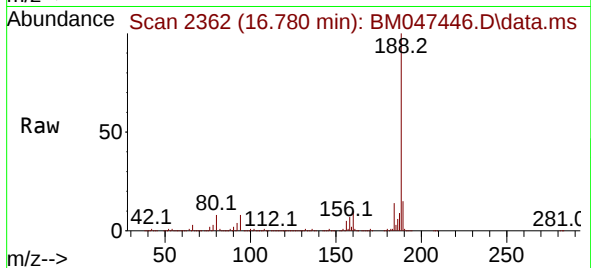
Tgt Ion:188 Resp: 1778614

Ion Ratio Lower Upper

188 100

94 7.6 6.4 9.6

80 8.1 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: BM047446.D

Acq: 05 Sep 2024 14:03

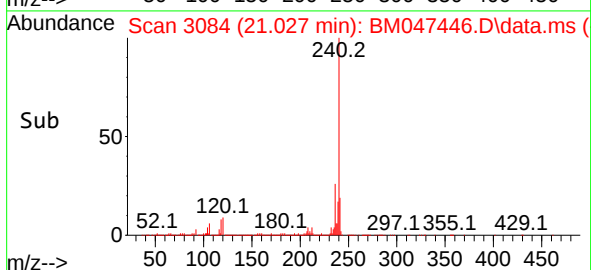
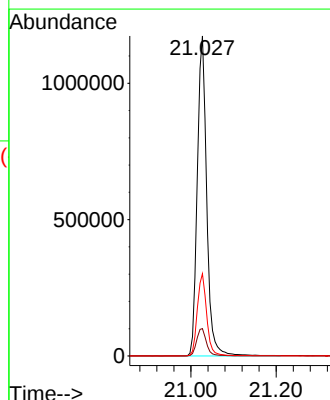
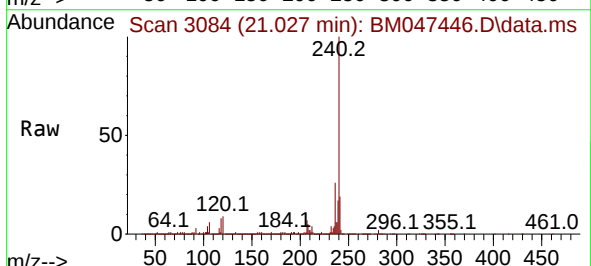
Tgt Ion:240 Resp: 1804523

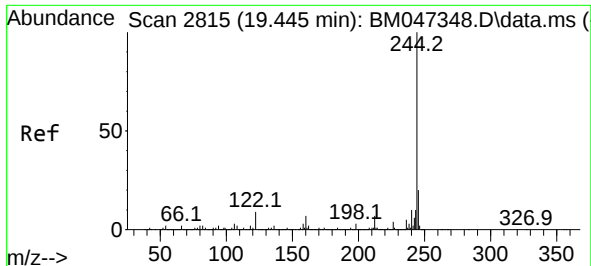
Ion Ratio Lower Upper

240 100

120 8.5 7.4 11.0

236 25.7 20.8 31.2

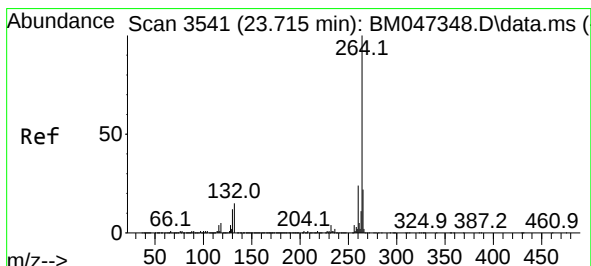
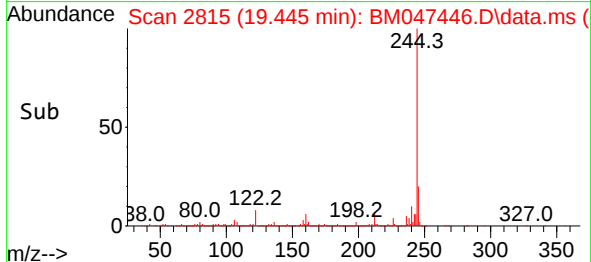
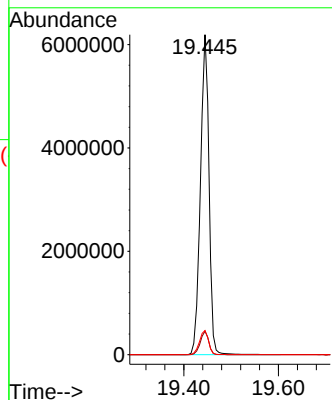
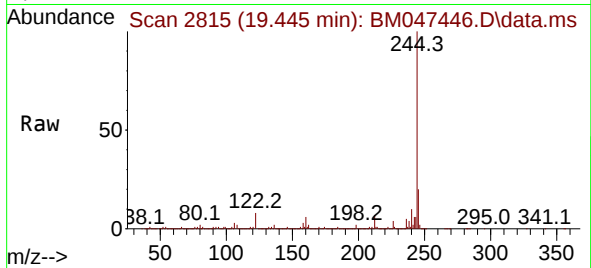




#79
 Terphenyl-d14
 Concen: 76.455 ng
 RT: 19.445 min Scan# 2815
 Delta R.T. 0.000 min
 Lab File: BM047446.D
 Acq: 05 Sep 2024 14:03

Instrument :
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Tgt Ion:244 Resp: 7751031
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 7.5 7.0 10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.733 min Scan# 3544
 Delta R.T. 0.018 min
 Lab File: BM047446.D
 Acq: 05 Sep 2024 14:03

Tgt Ion:264 Resp: 1794446
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.0 28.4
 265 22.0 17.8 26.6

