

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091924\
 Data File : BM047573.D
 Acq On : 19 Sep 2024 16:33
 Operator : RC/JU
 Sample : PB163344BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB163344BL

Quant Time: Sep 19 17:20:29 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Sep 15 08:56:37 2024
 Response via : Initial Calibration

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

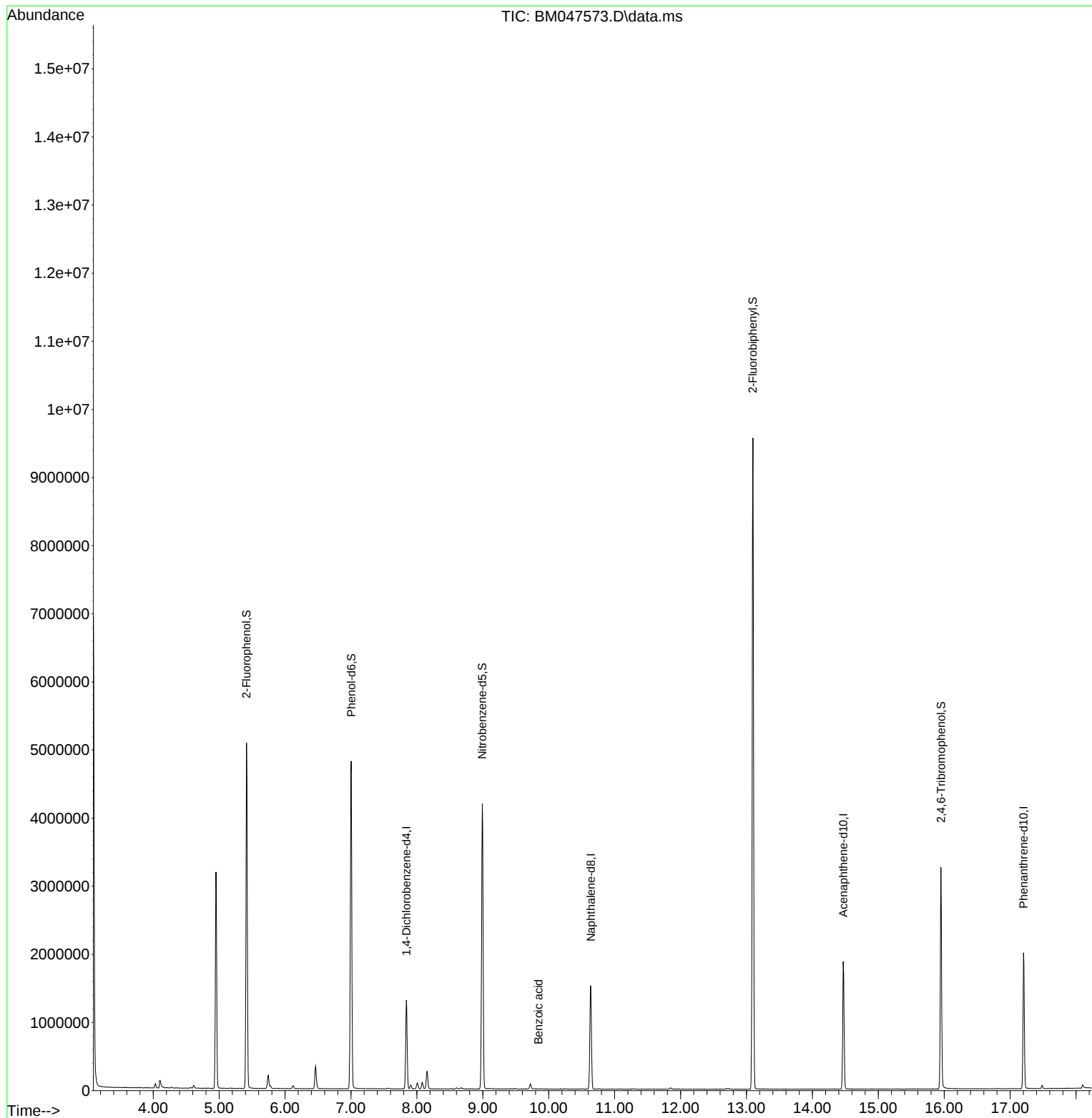
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.839	152	319571	20.000	ng	-0.01
21) Naphthalene-d8	10.639	136	1227567	20.000	ng	0.00
39) Acenaphthene-d10	14.468	164	572655	20.000	ng	-0.01
64) Phenanthrene-d10	17.204	188	1053943	20.000	ng	-0.01
76) Chrysene-d12	21.433	240	713655	20.000	ng	-0.01
86) Perylene-d12	24.450	264	703338	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	1995844	99.440	ng	0.00
7) Phenol-d6	7.004	99	2564878	90.743	ng	0.00
23) Nitrobenzene-d5	8.992	82	2413561	98.397	ng	-0.01
42) 2,4,6-Tribromophenol	15.951	330	408784	73.852	ng	-0.01
45) 2-Fluorobiphenyl	13.098	172	4300764	103.455	ng	-0.01
79) Terphenyl-d14	19.821	244	5168848	129.786	ng	-0.01
Target Compounds						
32) Benzoic acid	9.845	122	165	6.710	ng	Qvalue # 26

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

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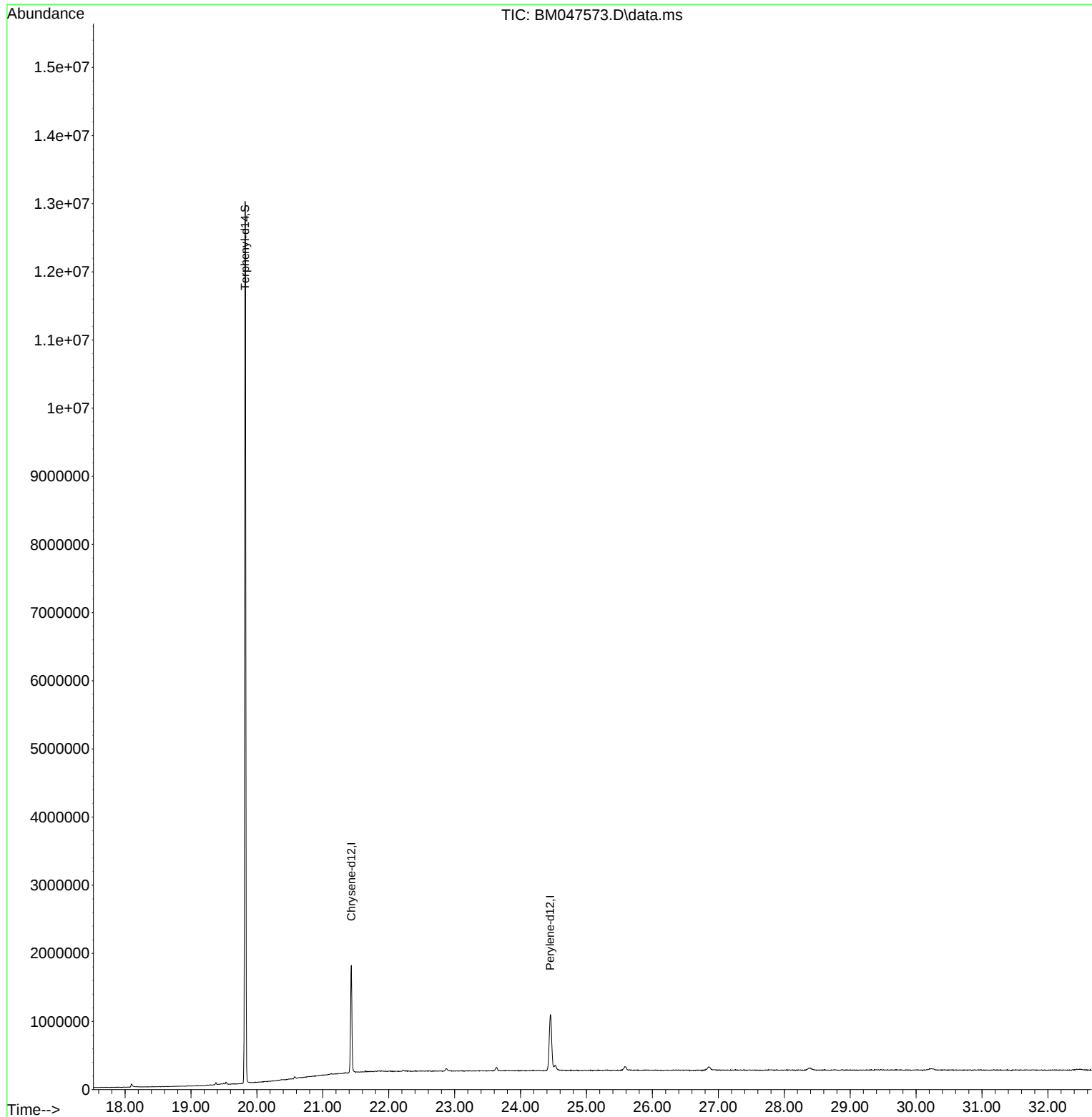
Quant Time: Sep 19 17:20:29 2024
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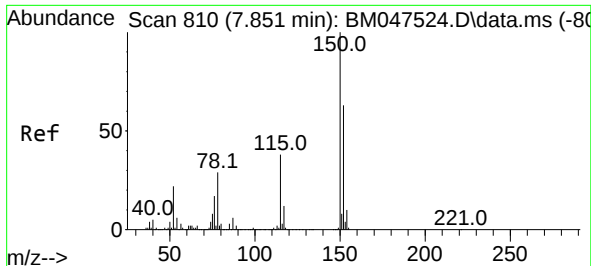


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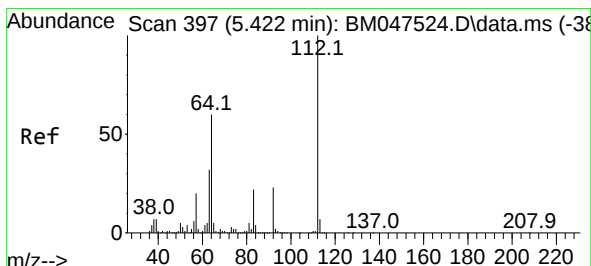
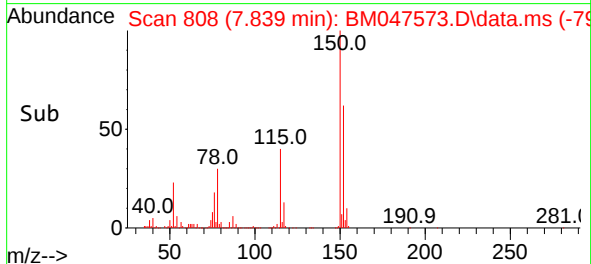
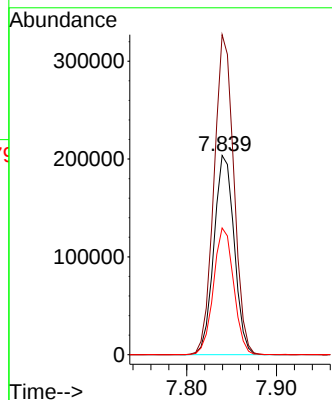
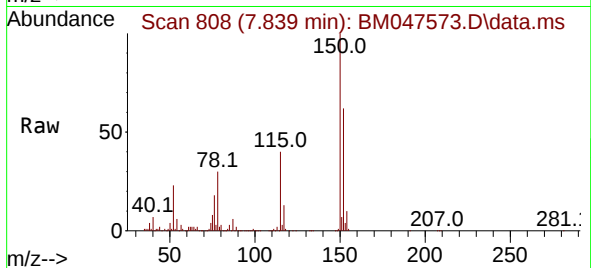




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.839 min Scan# 80
Delta R.T. -0.012 min
Lab File: BM047573.D
Acq: 19 Sep 2024 16:33

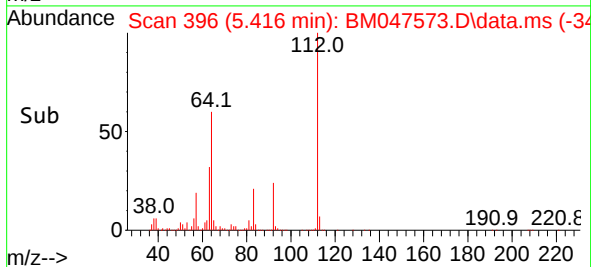
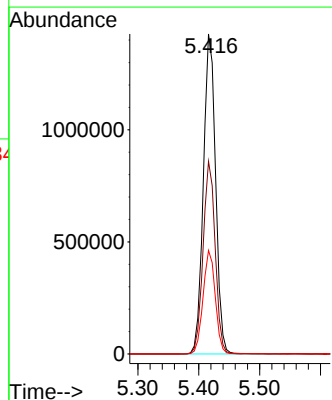
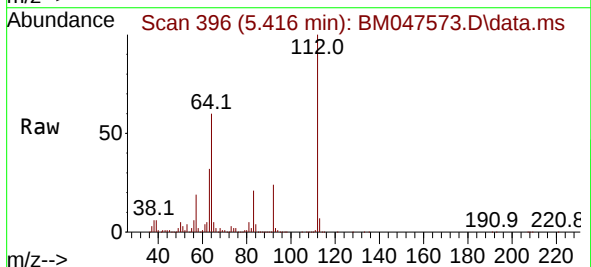
Instrument :
BNA_M
ClientSampleId :
PB163344BL

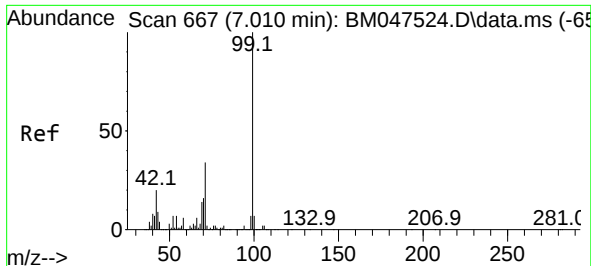
Tgt Ion:152 Resp: 319571
Ion Ratio Lower Upper
152 100
150 160.6 126.8 190.2
115 63.6 47.8 71.8



#5
2-Fluorophenol
Concen: 99.440 ng
RT: 5.416 min Scan# 396
Delta R.T. -0.006 min
Lab File: BM047573.D
Acq: 19 Sep 2024 16:33

Tgt Ion:112 Resp: 1995844
Ion Ratio Lower Upper
112 100
64 60.2 48.2 72.4
63 32.3 26.0 39.0

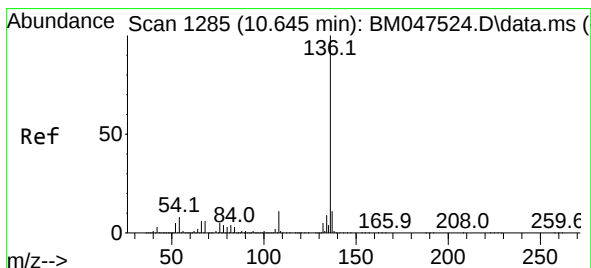
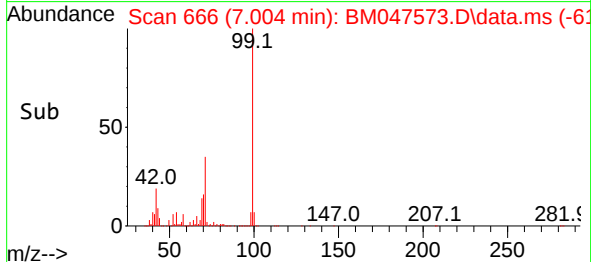
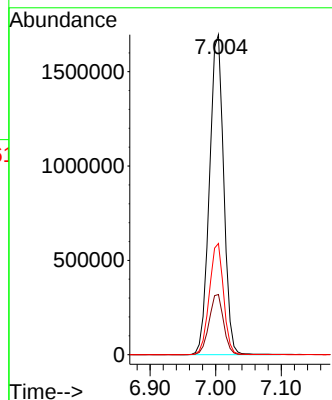
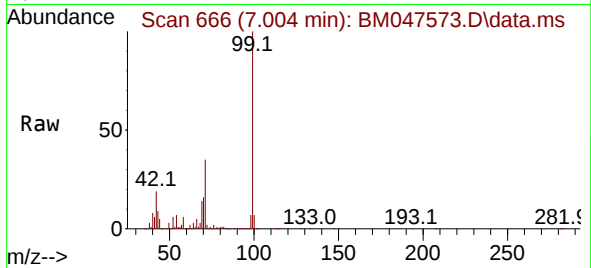




#7
Phenol-d6
Concen: 90.743 ng
RT: 7.004 min Scan# 60
Delta R.T. -0.006 min
Lab File: BM047573.D
Acq: 19 Sep 2024 16:33

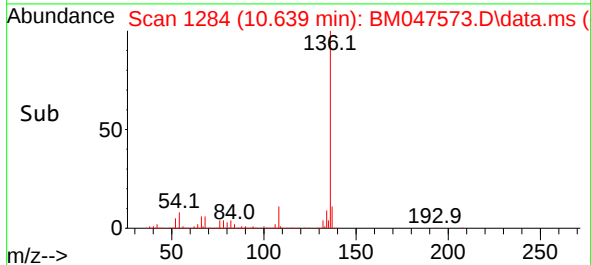
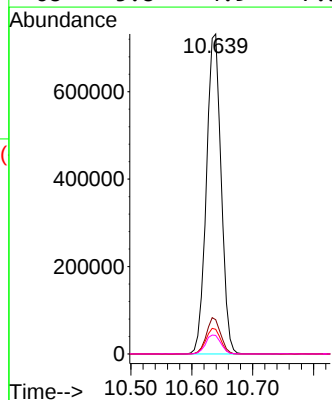
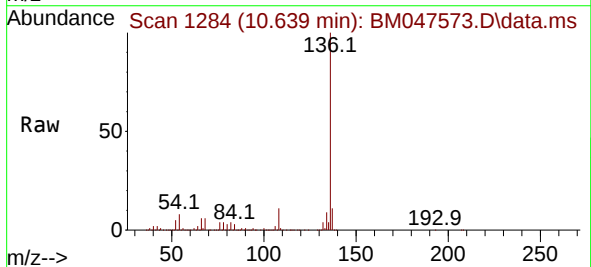
Instrument :
BNA_M
ClientSampleId :
PB163344BL

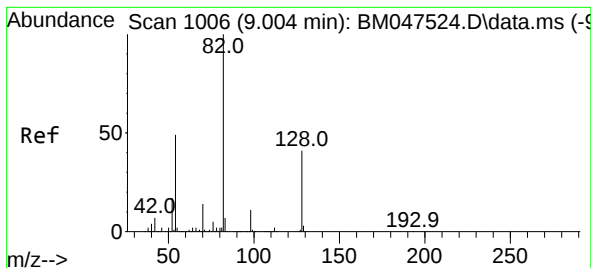
Tgt Ion: 99 Resp: 2564878
Ion Ratio Lower Upper
99 100
42 18.8 15.8 23.8
71 34.7 27.6 41.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.639 min Scan# 1284
Delta R.T. -0.006 min
Lab File: BM047573.D
Acq: 19 Sep 2024 16:33

Tgt Ion: 136 Resp: 1227567
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.6
54 7.7 6.6 9.8
68 5.8 4.9 7.3





#23

Nitrobenzene-d5

Concen: 98.397 ng

RT: 8.992 min Scan# 1149

Delta R.T. -0.012 min

Lab File: BM047573.D

Acq: 19 Sep 2024 16:33

Instrument :

BNA_M

ClientSampleId :

PB163344BL

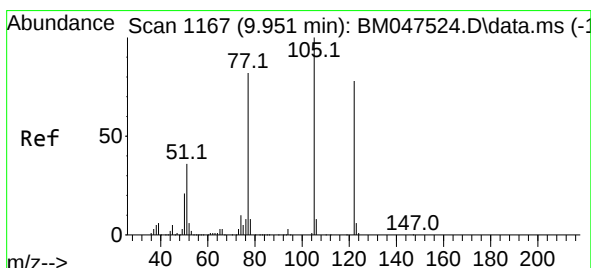
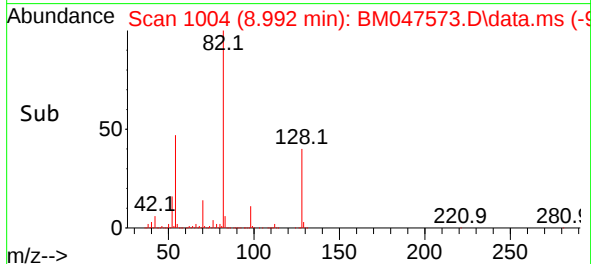
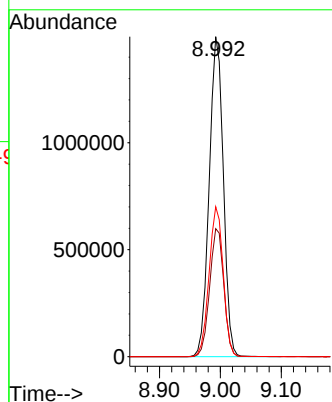
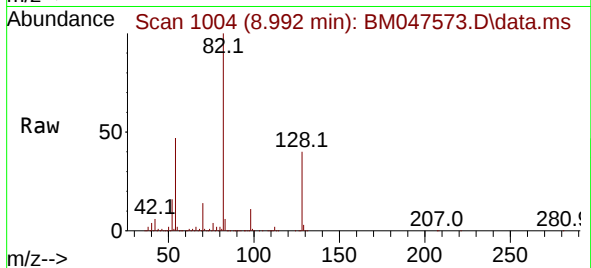
Tgt Ion: 82 Resp: 2413561

Ion Ratio Lower Upper

82 100

128 40.0 33.0 49.4

54 46.9 39.3 58.9



#32

Benzoic acid

Concen: 6.710 ng

RT: 9.845 min Scan# 1149

Delta R.T. -0.106 min

Lab File: BM047573.D

Acq: 19 Sep 2024 16:33

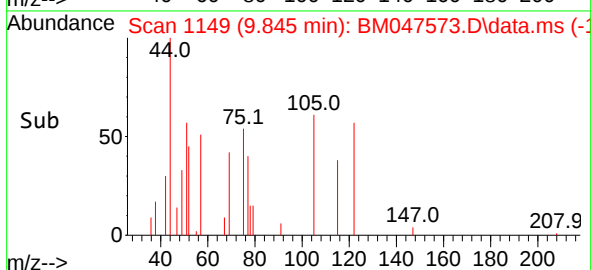
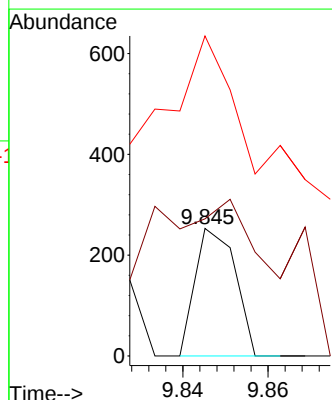
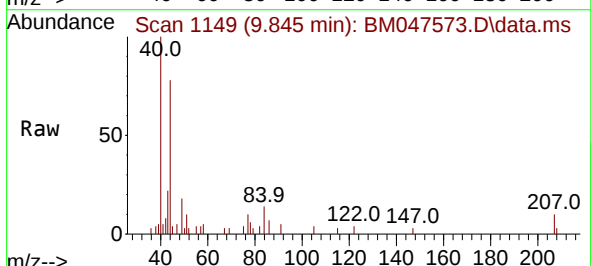
Tgt Ion:122 Resp: 165

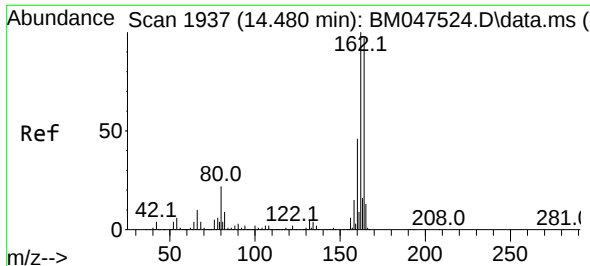
Ion Ratio Lower Upper

122 100

105 107.5 104.7 144.7

77 251.0 83.4 123.4#

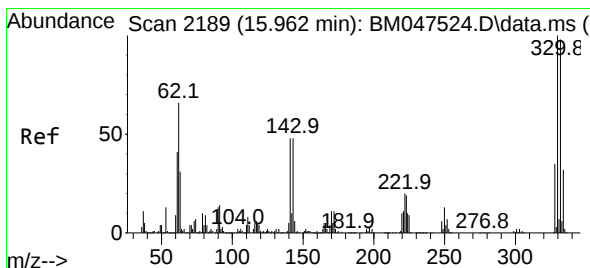
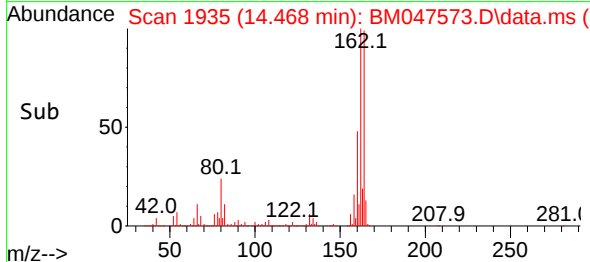
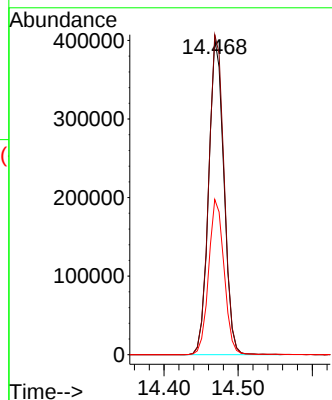
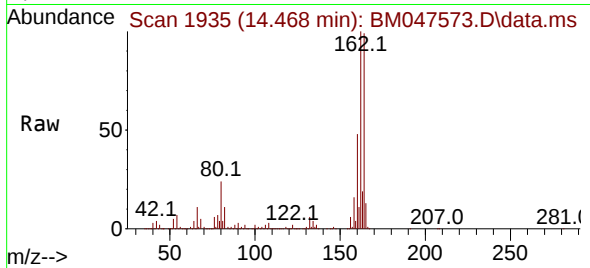




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.468 min Scan# 1935
Delta R.T. -0.012 min
Lab File: BM047573.D
Acq: 19 Sep 2024 16:33

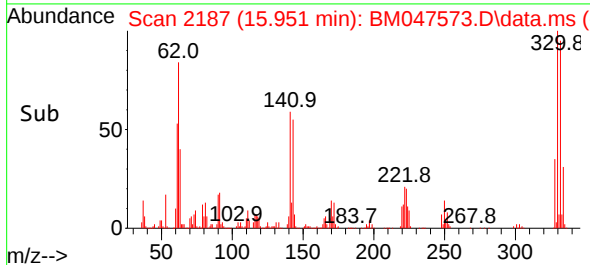
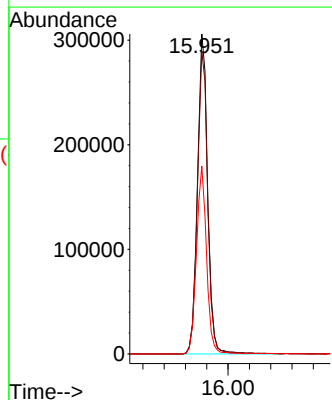
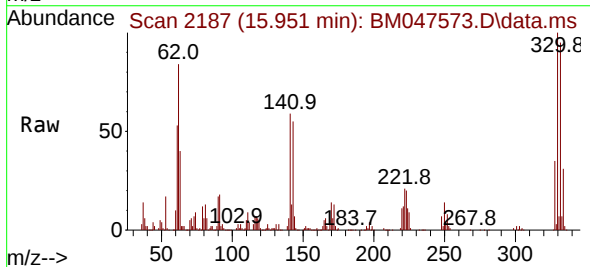
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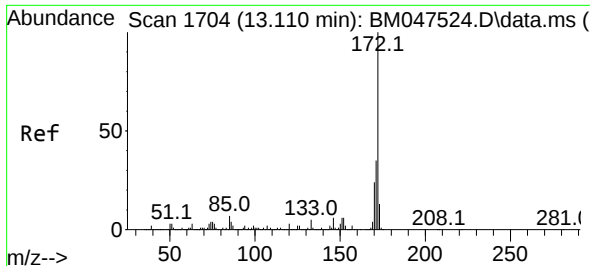
Tgt Ion:164 Resp: 572655
Ion Ratio Lower Upper
164 100
162 101.2 82.2 123.2
160 49.1 38.2 57.2



#42
2,4,6-Tribromophenol
Concen: 73.852 ng
RT: 15.951 min Scan# 2187
Delta R.T. -0.012 min
Lab File: BM047573.D
Acq: 19 Sep 2024 16:33

Tgt Ion:330 Resp: 408784
Ion Ratio Lower Upper
330 100
332 95.7 76.9 115.3
141 58.0 42.2 63.2

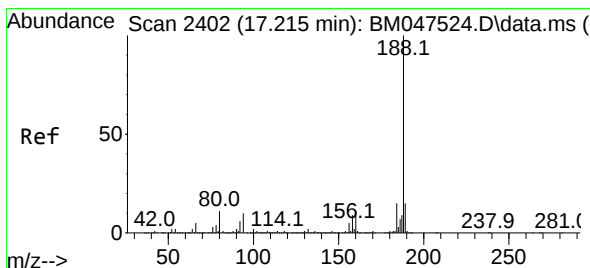
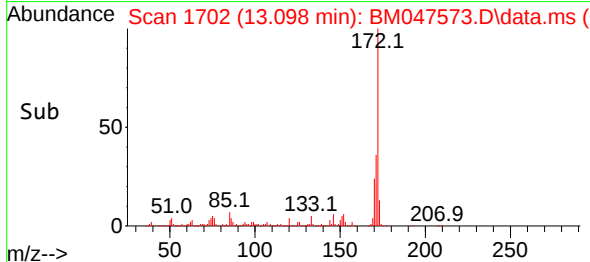
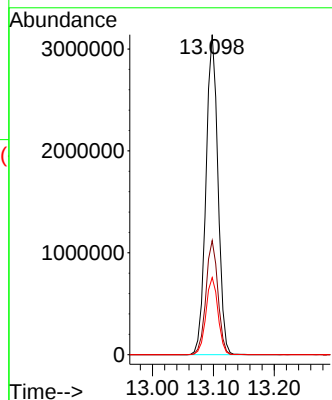
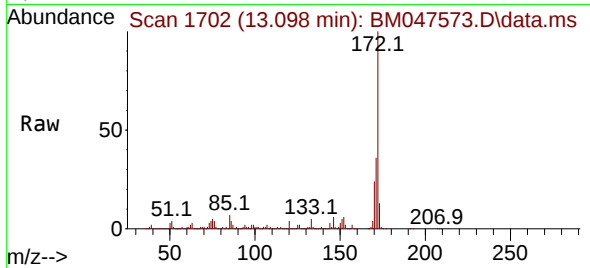




#45
2-Fluorobiphenyl
Concen: 103.455 ng
RT: 13.098 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM047573.D
Acq: 19 Sep 2024 16:33

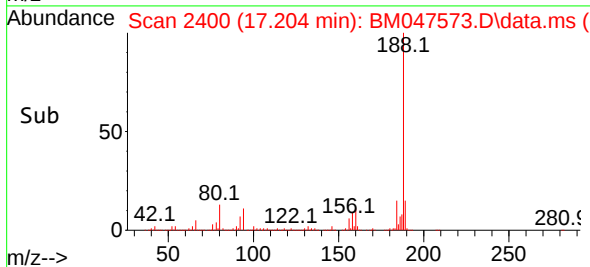
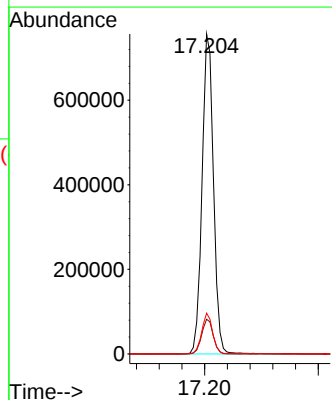
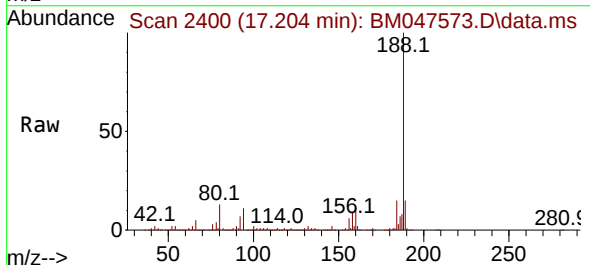
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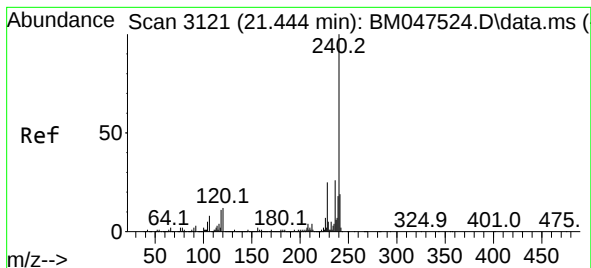
Tgt Ion:172 Resp: 4300764
Ion Ratio Lower Upper
172 100
171 35.7 28.2 42.2
170 24.1 19.4 29.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.204 min Scan# 2400
Delta R.T. -0.012 min
Lab File: BM047573.D
Acq: 19 Sep 2024 16:33

Tgt Ion:188 Resp: 1053943
Ion Ratio Lower Upper
188 100
94 10.8 8.4 12.6
80 12.7 9.1 13.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.433 min Scan# 31

Delta R.T. -0.011 min

Lab File: BM047573.D

Acq: 19 Sep 2024 16:33

Instrument :

BNA_M

ClientSampleId :

PB163344BL

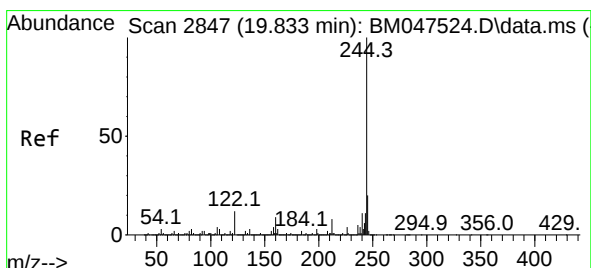
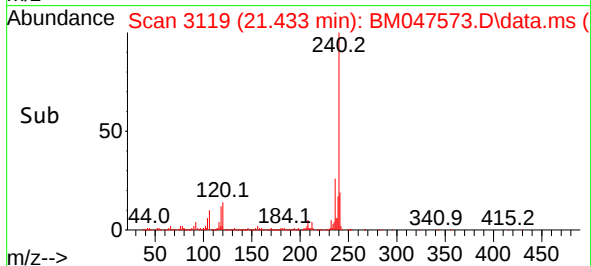
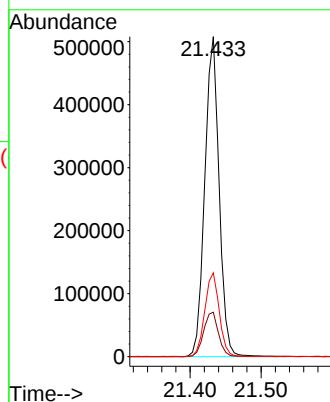
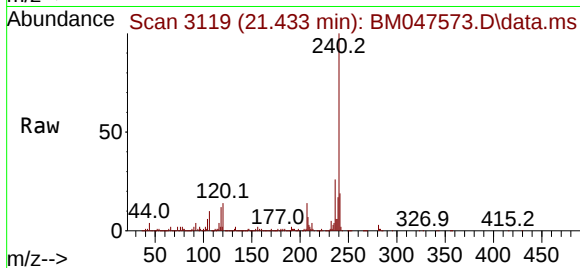
Tgt Ion:240 Resp: 713655

Ion Ratio Lower Upper

240 100

120 13.9 9.6 14.4

236 26.2 20.9 31.3



#79

Terphenyl-d14

Concen: 129.786 ng

RT: 19.821 min Scan# 2845

Delta R.T. -0.012 min

Lab File: BM047573.D

Acq: 19 Sep 2024 16:33

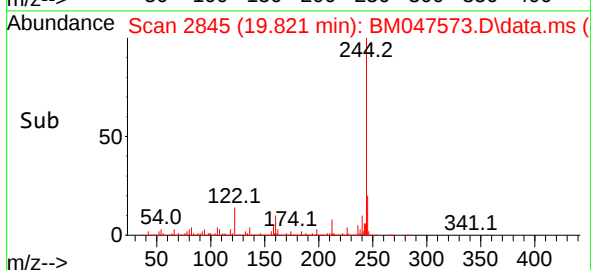
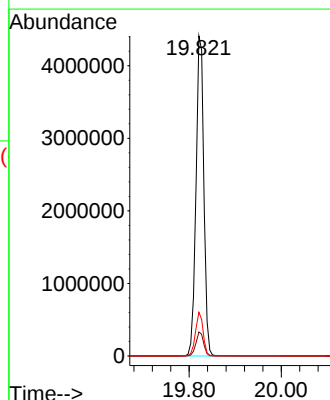
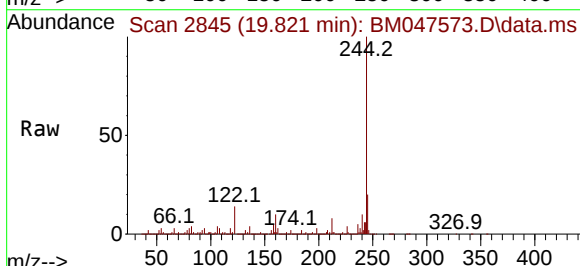
Tgt Ion:244 Resp: 5168848

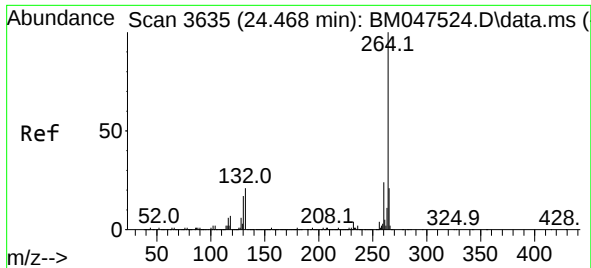
Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

122 13.6 9.6 14.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.450 min Scan# 30
 Delta R.T. -0.018 min
 Lab File: BM047573.D
 Acq: 19 Sep 2024 16:33

Instrument :
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Tgt Ion:264 Resp: 703338
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.9 28.3
 265 21.5 17.4 26.2

