

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091624\
 Data File : BM047534.D
 Acq On : 16 Sep 2024 11:00
 Operator : RC/JU
 Sample : PB163318BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB163318BL

Quant Time: Sep 16 11:46:51 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)

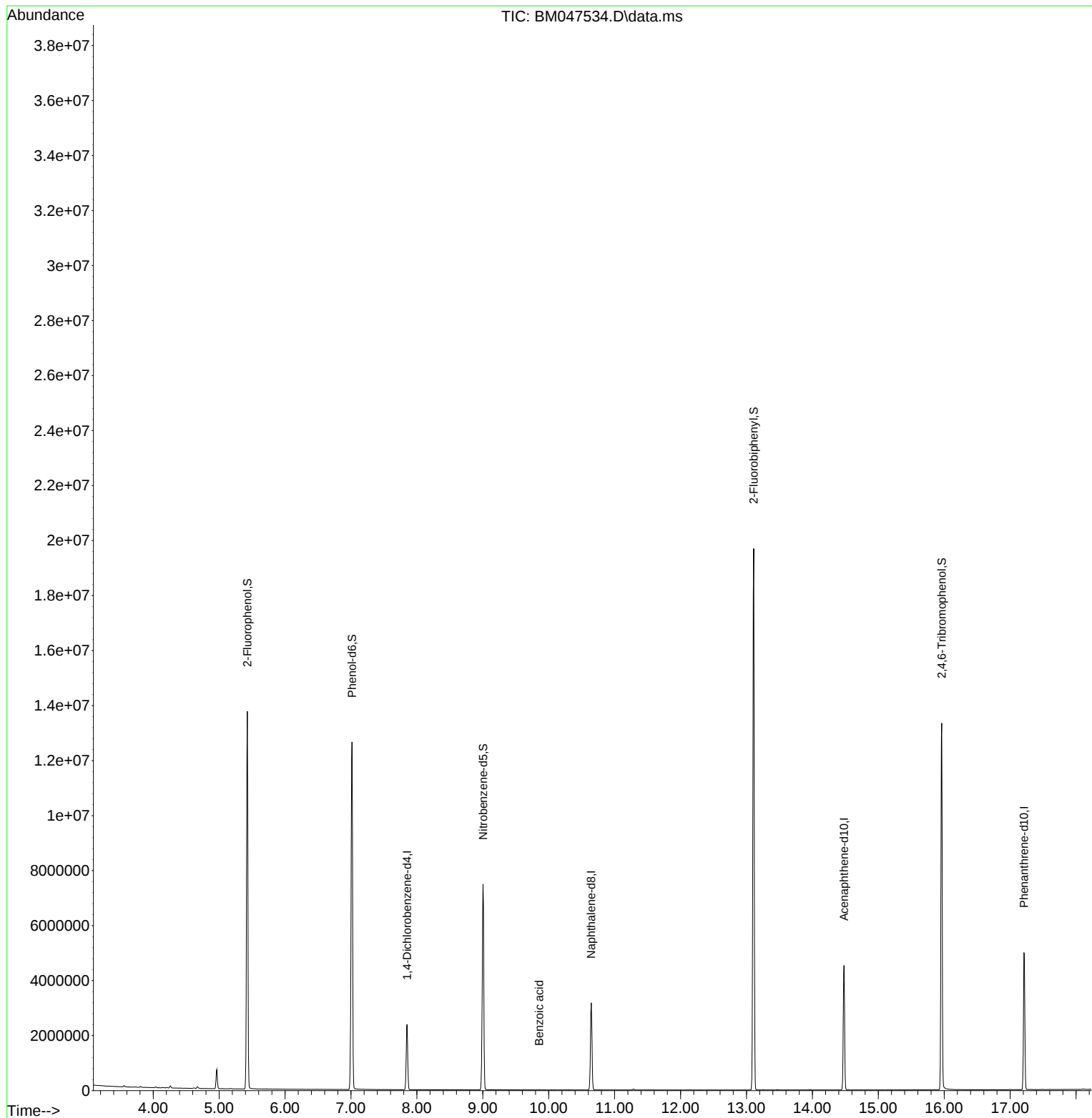
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	599464	20.000	ng	0.00
21) Naphthalene-d8	10.645	136	2464189	20.000	ng	0.00
39) Acenaphthene-d10	14.480	164	1413762	20.000	ng	0.00
64) Phenanthrene-d10	17.209	188	2776396	20.000	ng	0.00
76) Chrysene-d12	21.439	240	2031576	20.000	ng	0.00
86) Perylene-d12	24.468	264	1880586	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	5591628	148.517	ng	0.00
7) Phenol-d6	7.016	99	7096301	133.838	ng	0.00
23) Nitrobenzene-d5	9.004	82	4259155	86.501	ng	0.00
42) 2,4,6-Tribromophenol	15.962	330	1916898	140.275	ng	0.00
45) 2-Fluorobiphenyl	13.110	172	9291972	90.538	ng	0.00
79) Terphenyl-d14	19.827	244	11947954	105.386	ng	0.00
Target Compounds						
32) Benzoic acid	9.857	122	232	6.707	ng	Qvalue # 71

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

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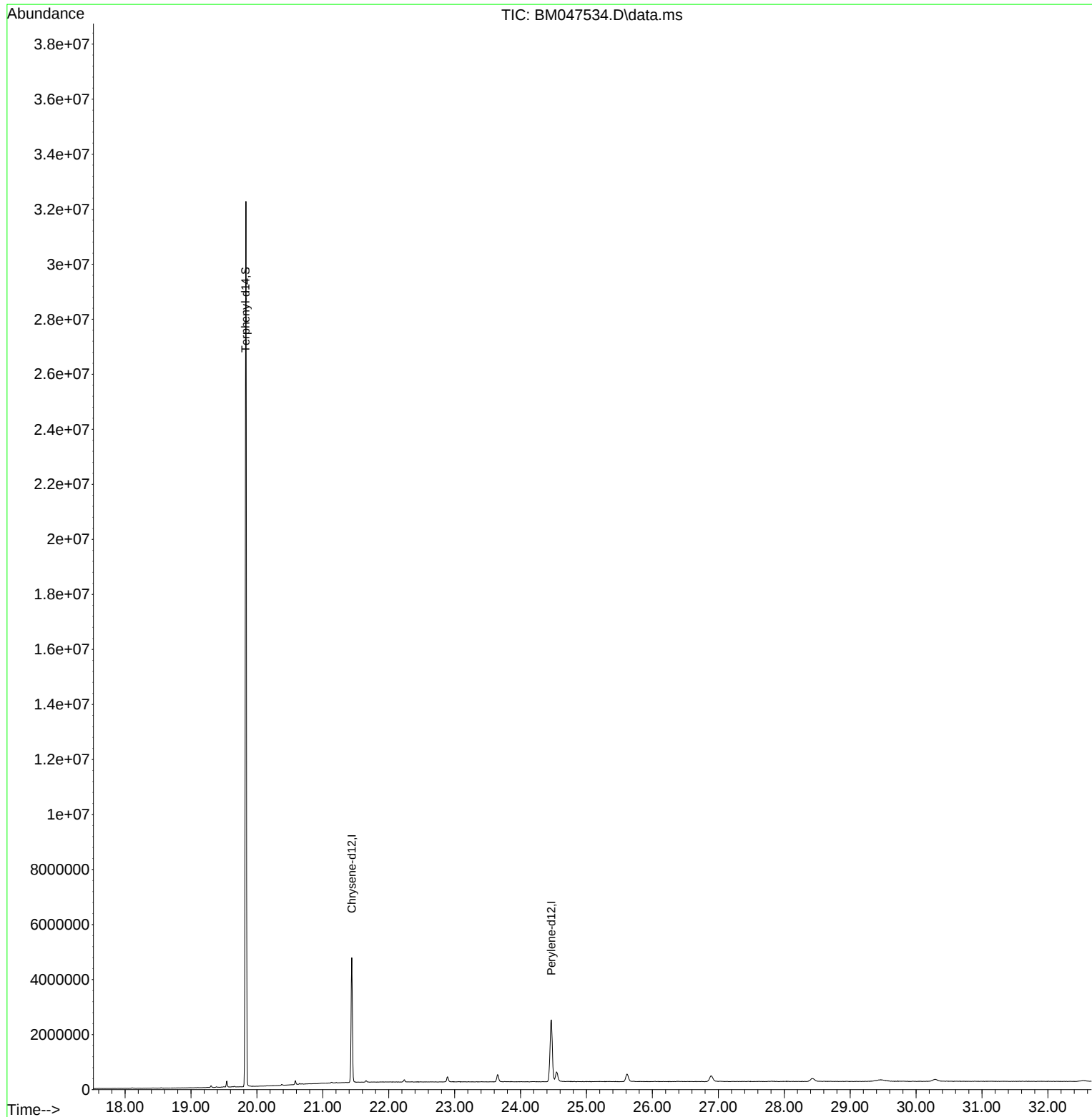
Quant Time: Sep 16 11:46:51 2024
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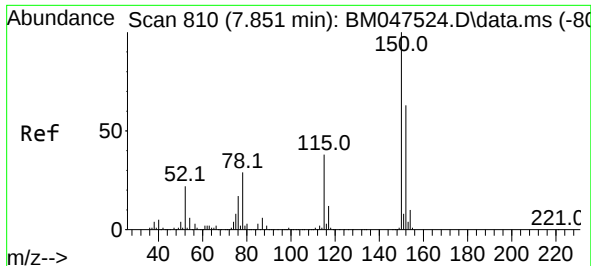


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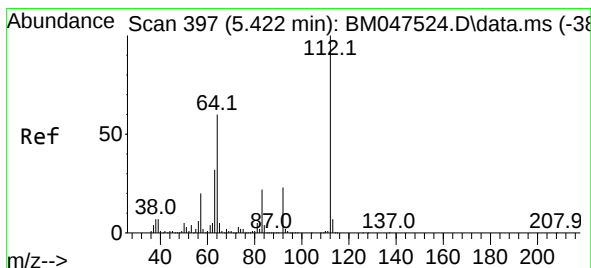
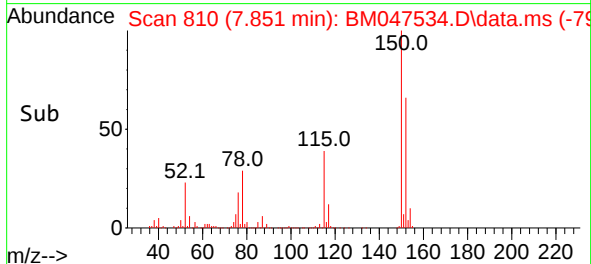
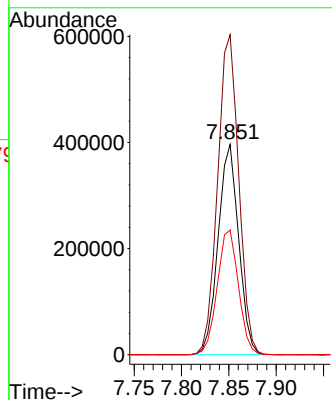
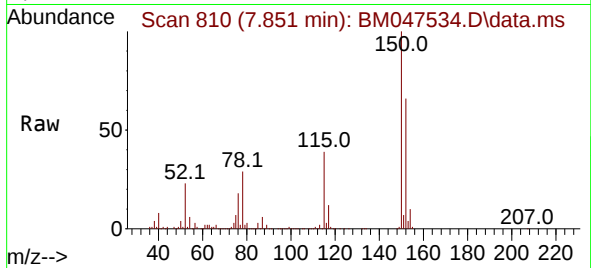




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BM047534.D
Acq: 16 Sep 2024 11:00

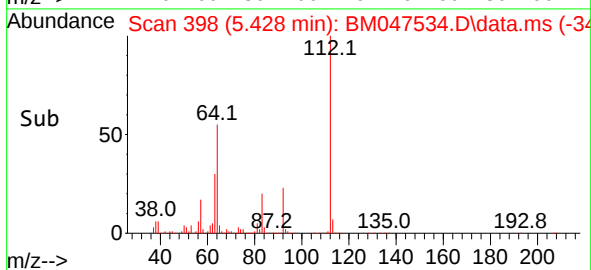
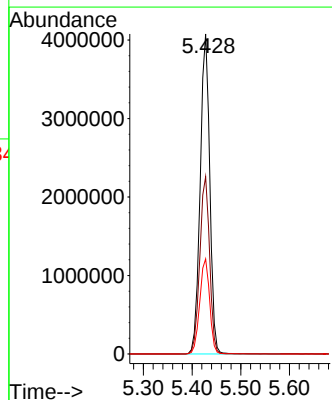
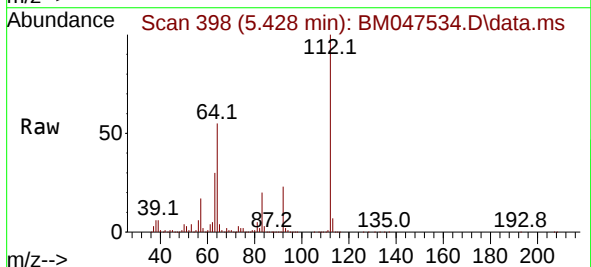
Instrument :
BNA_M
ClientSampleId :
PB163318BL

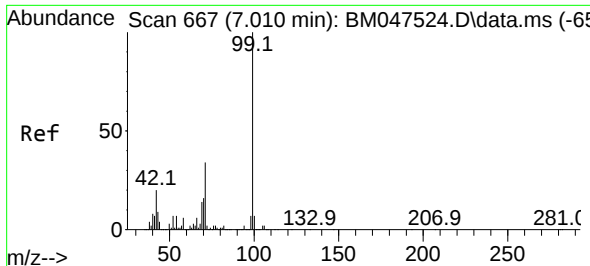
Tgt Ion:152 Resp: 599464
Ion Ratio Lower Upper
152 100
150 152.2 126.8 190.2
115 59.3 47.8 71.8



#5
2-Fluorophenol
Concen: 148.517 ng
RT: 5.428 min Scan# 398
Delta R.T. 0.006 min
Lab File: BM047534.D
Acq: 16 Sep 2024 11:00

Tgt Ion:112 Resp: 5591628
Ion Ratio Lower Upper
112 100
64 55.4 48.2 72.4
63 29.7 26.0 39.0



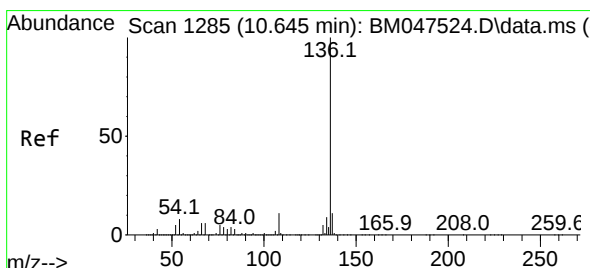
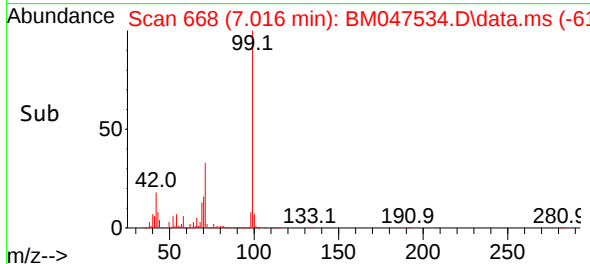
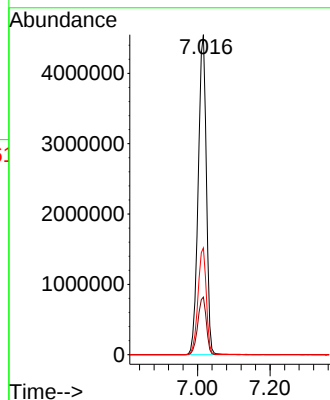
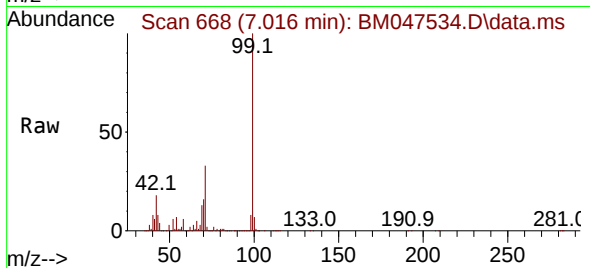


#7
Phenol-d6
Concen: 133.838 ng
RT: 7.016 min Scan# 60
Delta R.T. 0.006 min
Lab File: BM047534.D
Acq: 16 Sep 2024 11:00

Instrument :
BNA_M
ClientSampleId :
PB163318BL

Tgt Ion: 99 Resp: 7096301

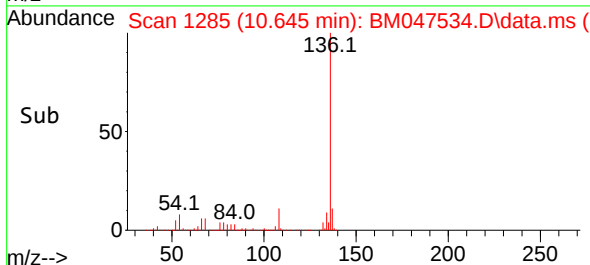
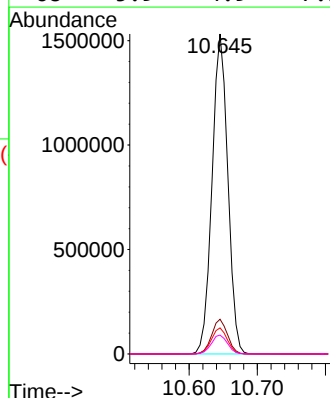
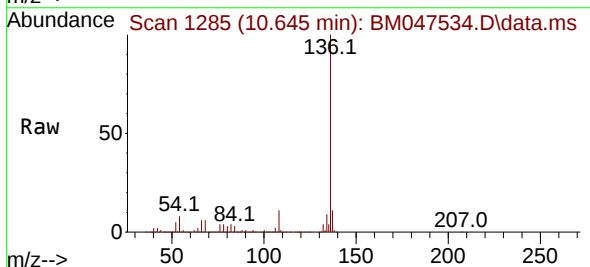
Ion	Ratio	Lower	Upper
99	100		
42	18.0	15.8	23.8
71	33.3	27.6	41.4

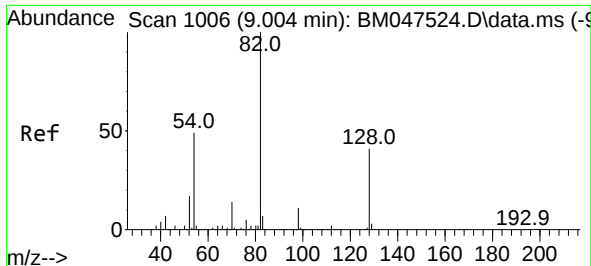


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.645 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BM047534.D
Acq: 16 Sep 2024 11:00

Tgt Ion: 136 Resp: 2464189

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	8.1	6.6	9.8
68	5.9	4.9	7.3

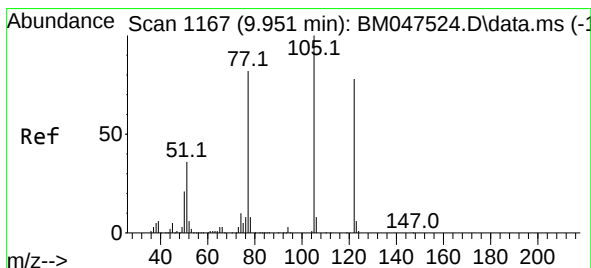
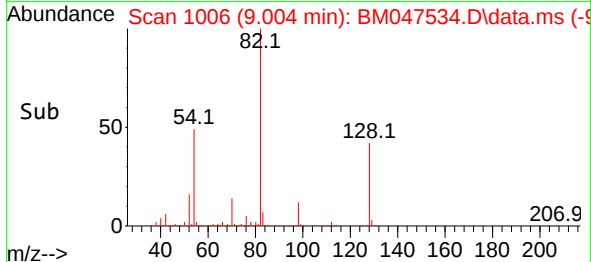
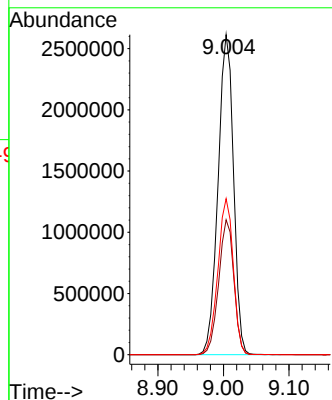
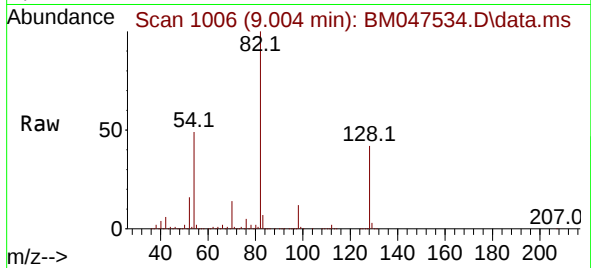




#23
Nitrobenzene-d5
Concen: 86.501 ng
RT: 9.004 min Scan# 110
Delta R.T. 0.000 min
Lab File: BM047534.D
Acq: 16 Sep 2024 11:00

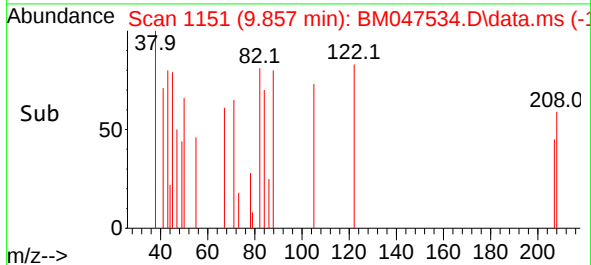
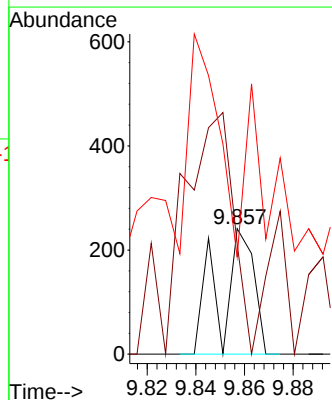
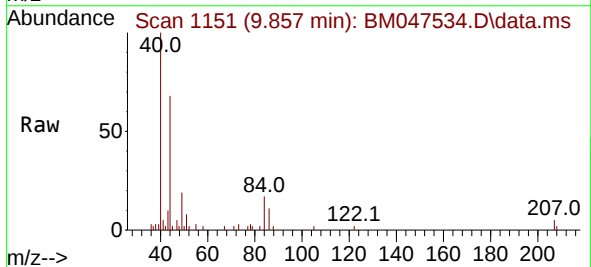
Instrument :
BNA_M
ClientSampleId :
PB163318BL

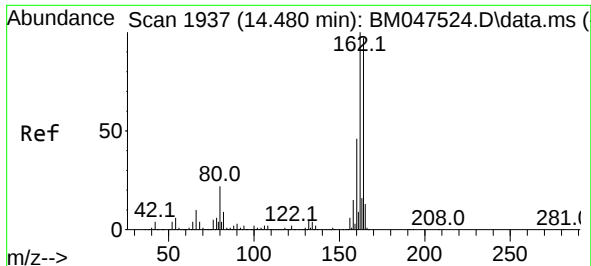
Tgt Ion: 82 Resp: 4259155
Ion Ratio Lower Upper
82 100
128 42.2 33.0 49.4
54 48.7 39.3 58.9



#32
Benzoic acid
Concen: 6.707 ng
RT: 9.857 min Scan# 1151
Delta R.T. -0.094 min
Lab File: BM047534.D
Acq: 16 Sep 2024 11:00

Tgt Ion:122 Resp: 232
Ion Ratio Lower Upper
122 100
105 88.0 104.7 144.7#
77 77.6 83.4 123.4#

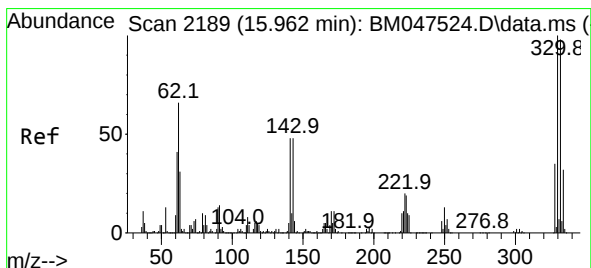
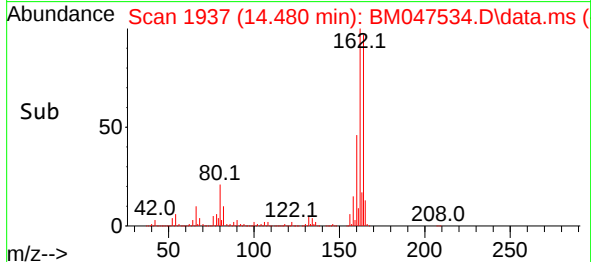
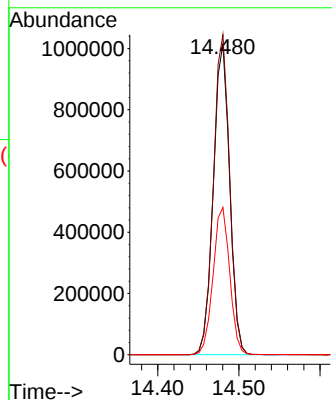
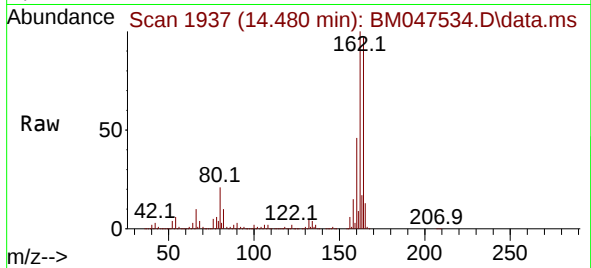




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.480 min Scan# 1937
Delta R.T. 0.000 min
Lab File: BM047534.D
Acq: 16 Sep 2024 11:00

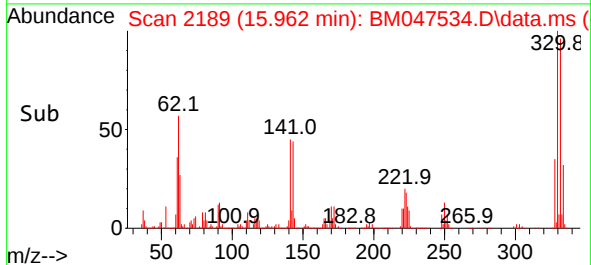
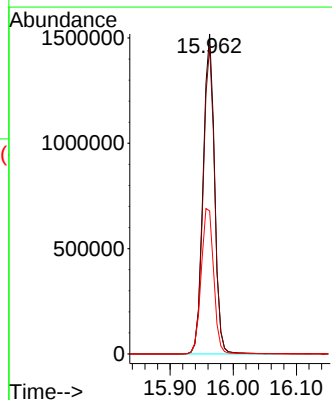
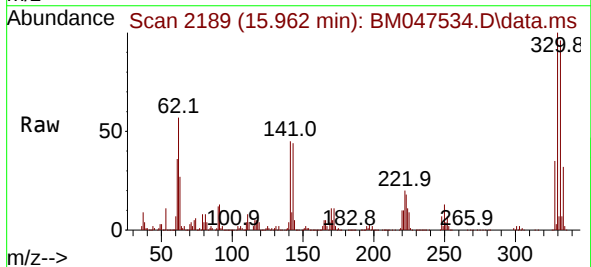
Instrument :
BNA_M
ClientSampleId :
PB163318BL

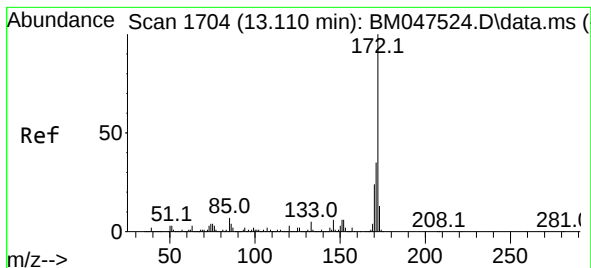
Tgt Ion:164 Resp: 1413762
Ion Ratio Lower Upper
164 100
162 103.0 82.2 123.2
160 47.4 38.2 57.2



#42
2,4,6-Tribromophenol
Concen: 140.275 ng
RT: 15.962 min Scan# 2189
Delta R.T. 0.000 min
Lab File: BM047534.D
Acq: 16 Sep 2024 11:00

Tgt Ion:330 Resp: 1916898
Ion Ratio Lower Upper
330 100
332 95.9 76.9 115.3
141 49.7 42.2 63.2

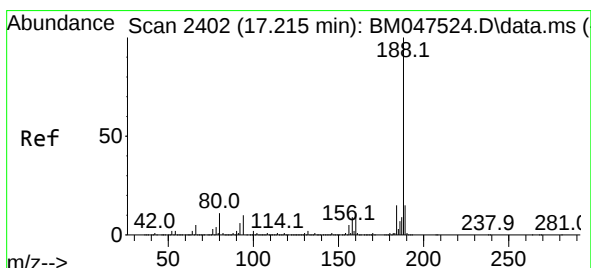
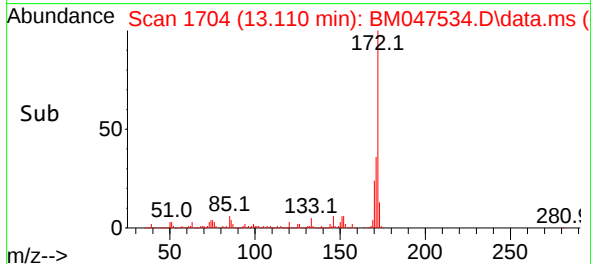
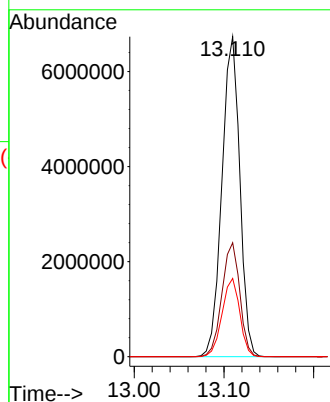
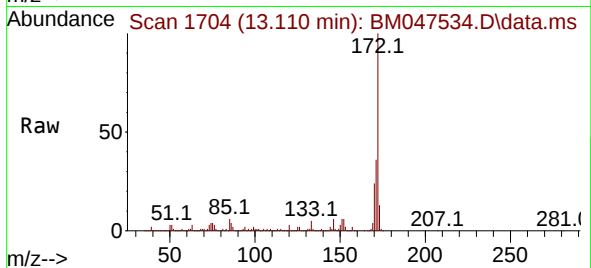




#45
2-Fluorobiphenyl
Concen: 90.538 ng
RT: 13.110 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM047534.D
Acq: 16 Sep 2024 11:00

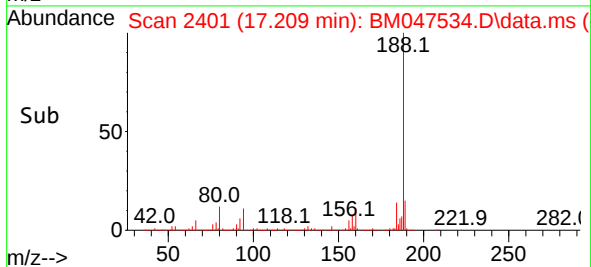
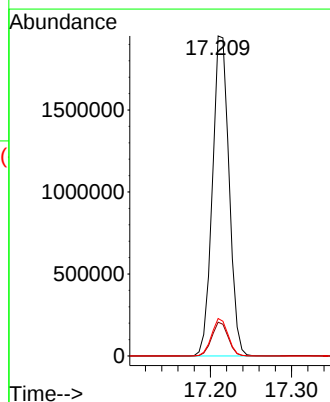
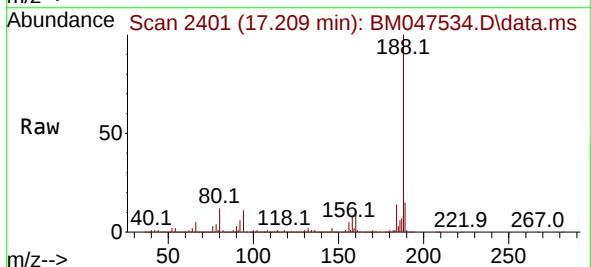
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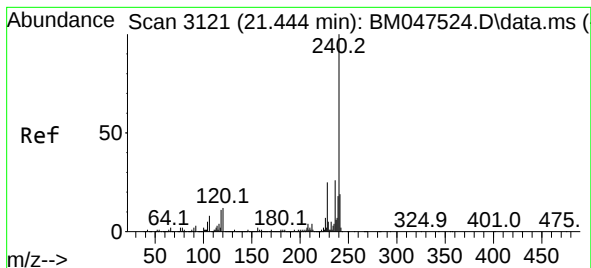
Tgt Ion:172 Resp: 9291972
Ion Ratio Lower Upper
172 100
171 35.6 28.2 42.2
170 24.4 19.4 29.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.209 min Scan# 2401
Delta R.T. -0.006 min
Lab File: BM047534.D
Acq: 16 Sep 2024 11:00

Tgt Ion:188 Resp: 2776396
Ion Ratio Lower Upper
188 100
94 10.5 8.4 12.6
80 11.7 9.1 13.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.439 min Scan# 31

Delta R.T. -0.005 min

Lab File: BM047534.D

Acq: 16 Sep 2024 11:00

Instrument :

BNA_M

ClientSampleId :

PB163318BL

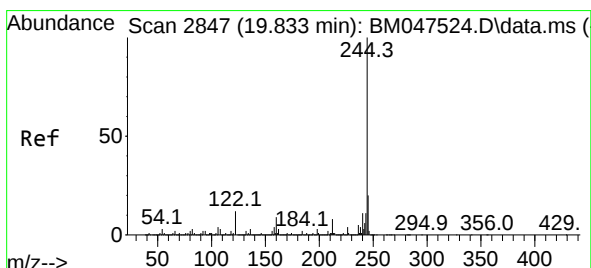
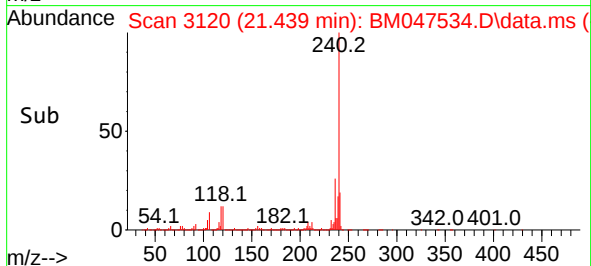
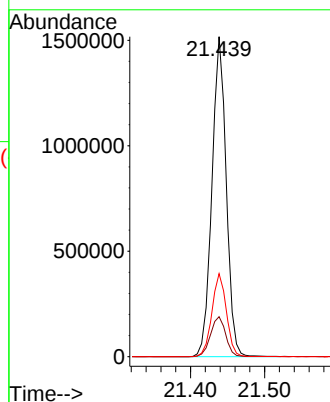
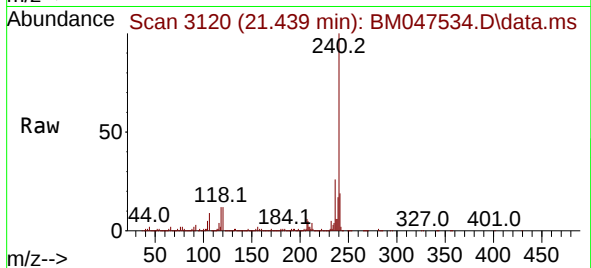
Tgt Ion:240 Resp: 2031576

Ion Ratio Lower Upper

240 100

120 12.5 9.6 14.4

236 26.0 20.9 31.3



#79

Terphenyl-d14

Concen: 105.386 ng

RT: 19.827 min Scan# 2846

Delta R.T. -0.006 min

Lab File: BM047534.D

Acq: 16 Sep 2024 11:00

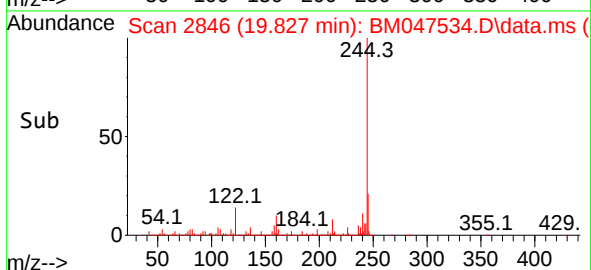
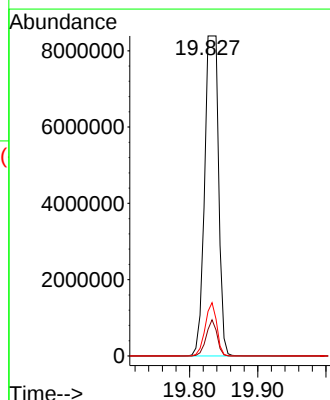
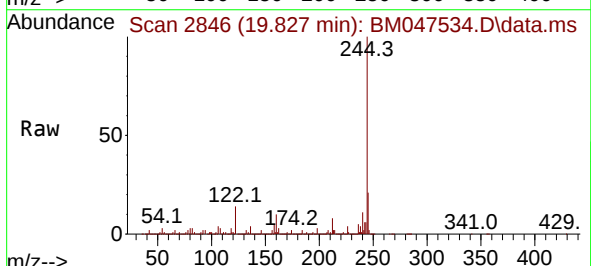
Tgt Ion:244 Resp:11947954

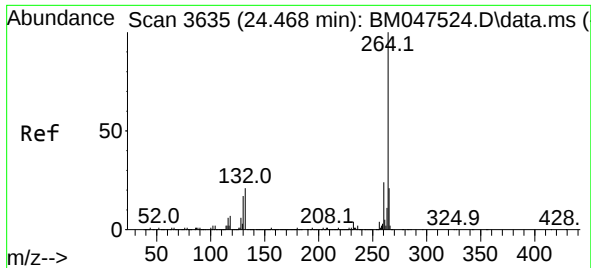
Ion Ratio Lower Upper

244 100

212 8.3 6.2 9.2

122 14.0 9.6 14.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.468 min Scan# 30
 Delta R.T. 0.000 min
 Lab File: BM047534.D
 Acq: 16 Sep 2024 11:00

Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion:264 Resp: 1880586
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.9 28.3
 265 21.4 17.4 26.2

