

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081624\
 Data File : BM047233.D
 Acq On : 16 Aug 2024 13:51
 Operator : RC/JU
 Sample : P3478-09RX
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TS07

Quant Time: Aug 16 14:28:22 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 11 23:47:58 2024
 Response via : Initial Calibration

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

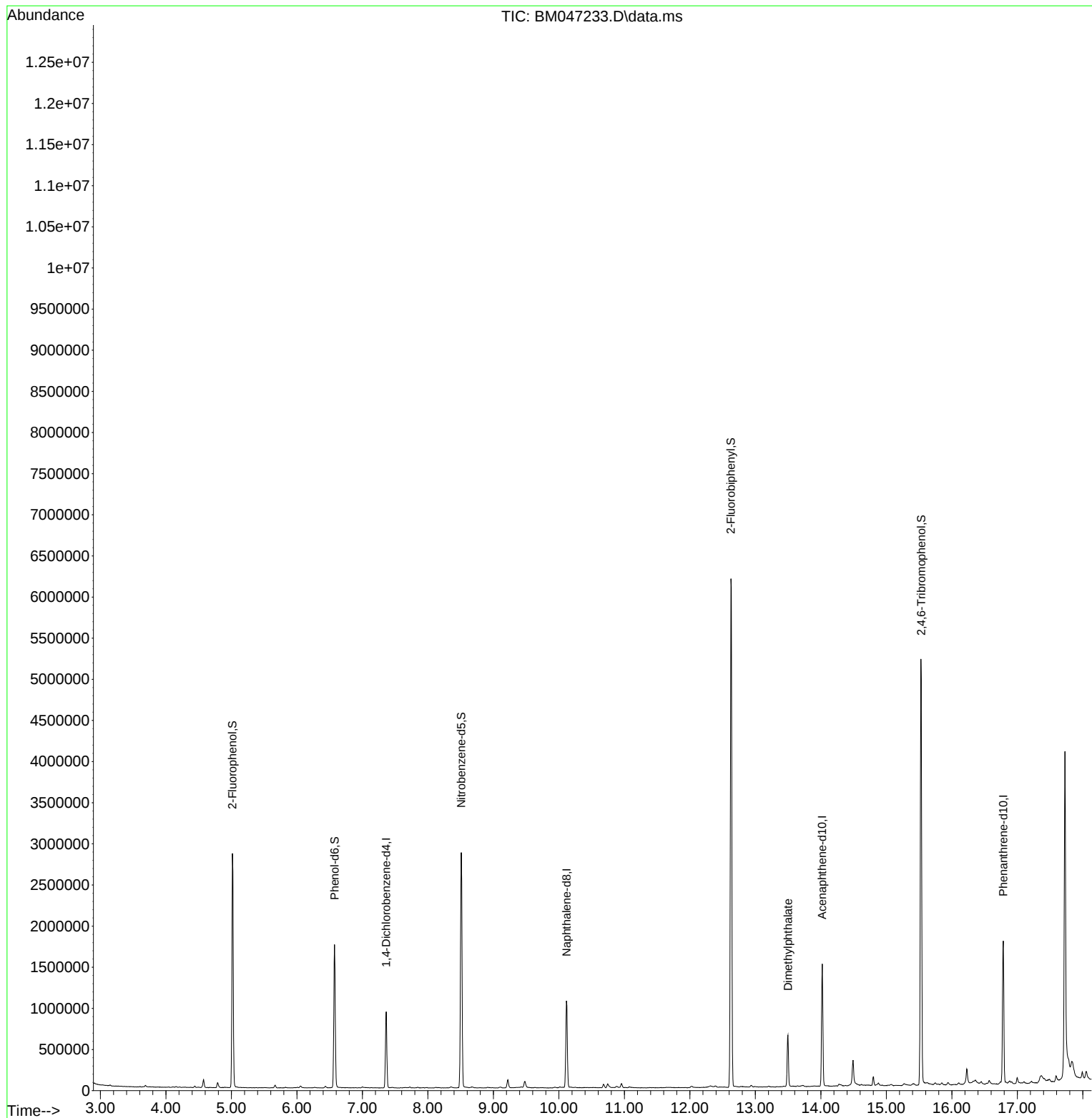
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.363	152	237293	20.000	ng	-0.01
21) Naphthalene-d8	10.116	136	855543	20.000	ng	-0.02
39) Acenaphthene-d10	14.021	164	507793	20.000	ng	-0.01
64) Phenanthrene-d10	16.786	188	1034778	20.000	ng	0.00
76) Chrysene-d12	21.021	240	1022079	20.000	ng	-0.01
86) Perylene-d12	23.715	264	1190964	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.016	112	1175995	88.554	ng	0.00
7) Phenol-d6	6.575	99	971600	53.097	ng	-0.01
23) Nitrobenzene-d5	8.510	82	1666200	98.065	ng	-0.01
42) 2,4,6-Tribromophenol	15.533	330	936165	158.997	ng	0.00
45) 2-Fluorobiphenyl	12.627	172	3347270	101.680	ng	-0.02
79) Terphenyl-d14	19.450	244	5019509	105.233	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.522	77	256	Below Cal	Qvalue #	51
50) Dimethylphthalate	13.498	163	400424	11.291	ng	100

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

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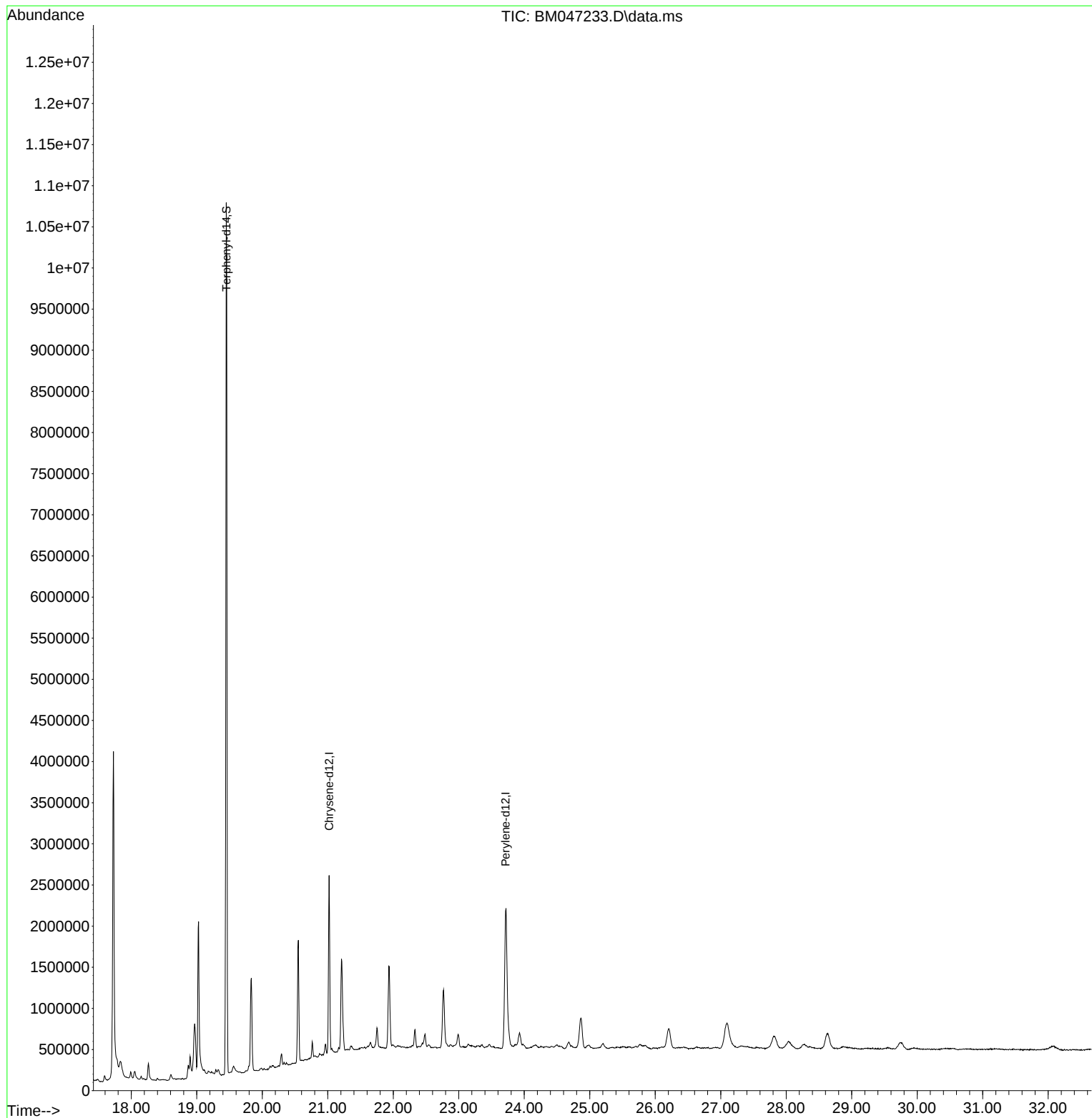
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Aug 11 23:47:58 2024
Response via : Initial Calibration

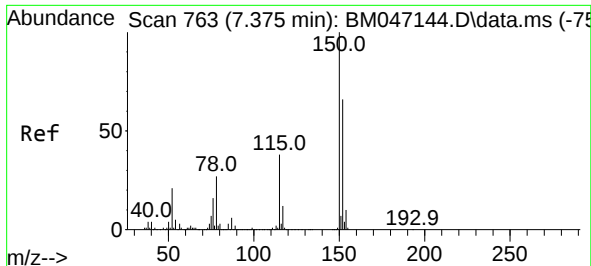


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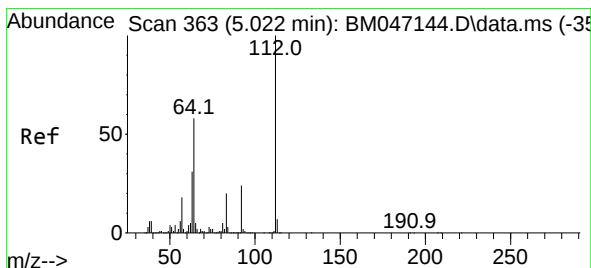
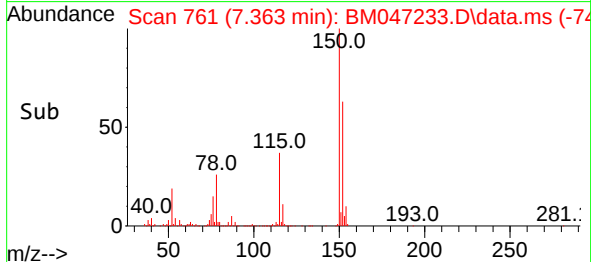
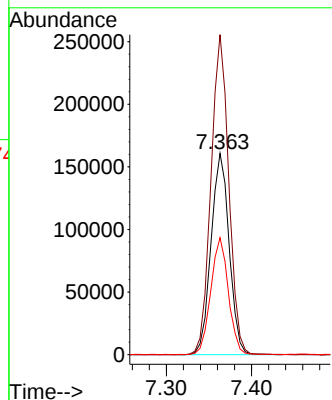
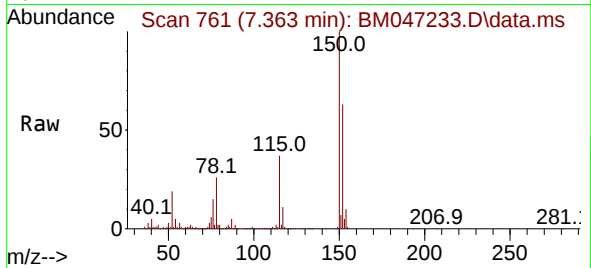




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.363 min Scan# 70
Delta R.T. -0.012 min
Lab File: BM047233.D
Acq: 16 Aug 2024 13:51

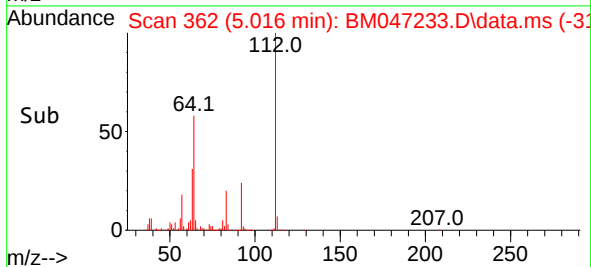
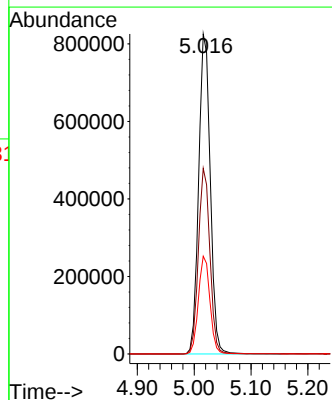
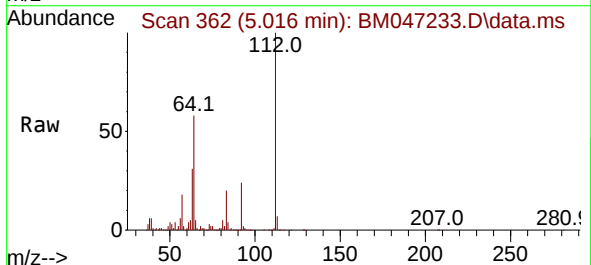
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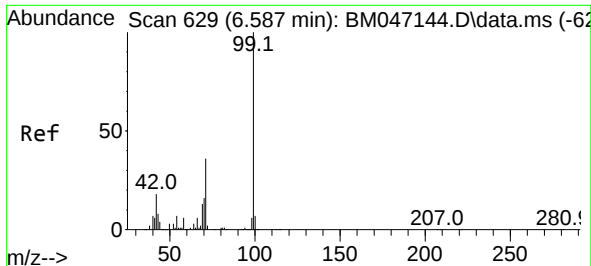
Tgt Ion:152 Resp: 237293
Ion Ratio Lower Upper
152 100
150 159.0 120.5 180.7
115 58.1 45.5 68.3



#5
2-Fluorophenol
Concen: 88.554 ng
RT: 5.016 min Scan# 362
Delta R.T. -0.006 min
Lab File: BM047233.D
Acq: 16 Aug 2024 13:51

Tgt Ion:112 Resp: 1175995
Ion Ratio Lower Upper
112 100
64 58.0 46.7 70.1
63 30.5 24.8 37.2

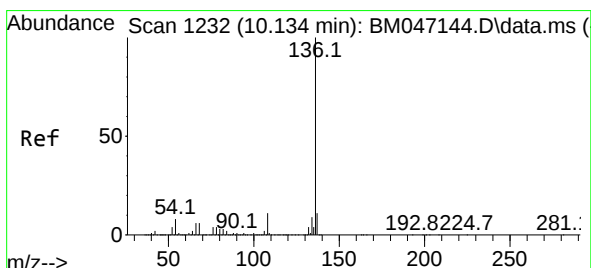
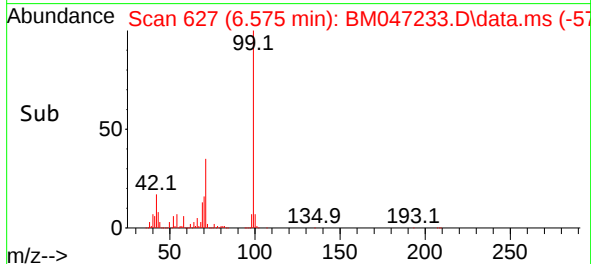
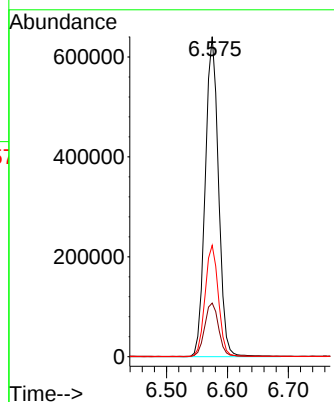
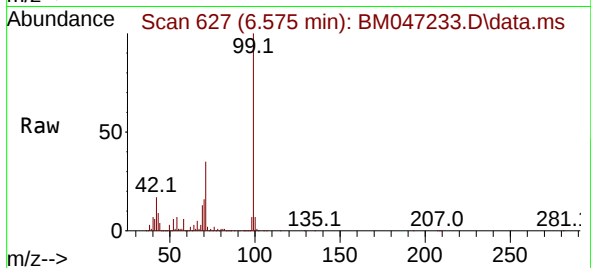




#7
Phenol-d6
Concen: 53.097 ng
RT: 6.575 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM047233.D
Acq: 16 Aug 2024 13:51

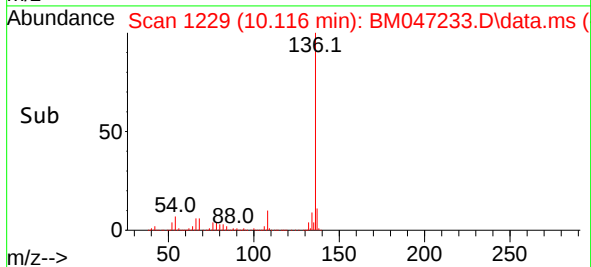
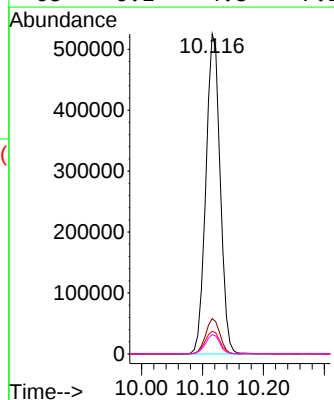
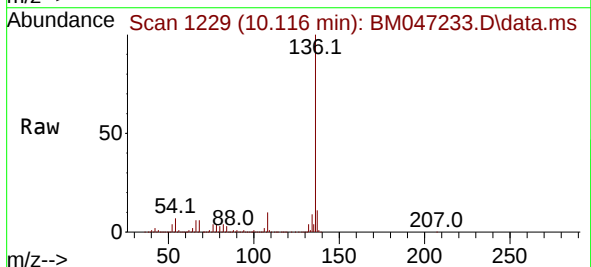
Instrument :
BNA_M
ClientSampleId :
TS07

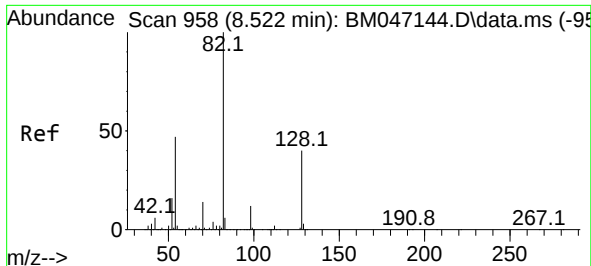
Tgt Ion: 99 Resp: 971600
Ion Ratio Lower Upper
99 100
42 16.8 14.1 21.1
71 34.8 28.5 42.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.116 min Scan# 1229
Delta R.T. -0.018 min
Lab File: BM047233.D
Acq: 16 Aug 2024 13:51

Tgt Ion: 136 Resp: 855543
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.0 6.0 9.0
68 6.1 4.8 7.2

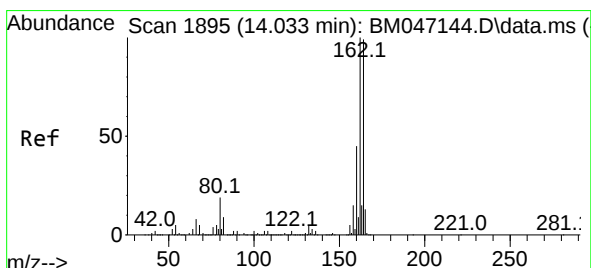
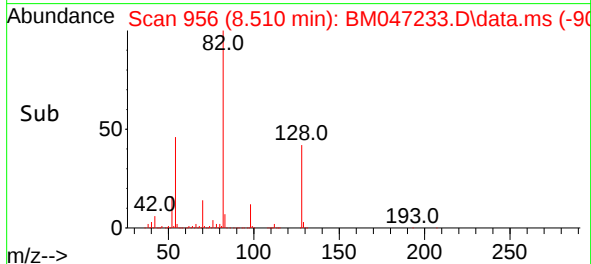
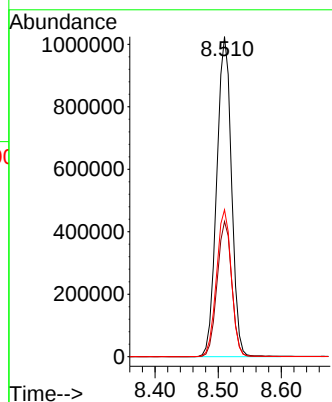
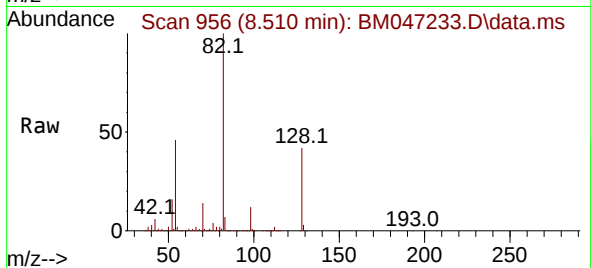




#23
Nitrobenzene-d5
Concen: 98.065 ng
RT: 8.510 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM047233.D
Acq: 16 Aug 2024 13:51

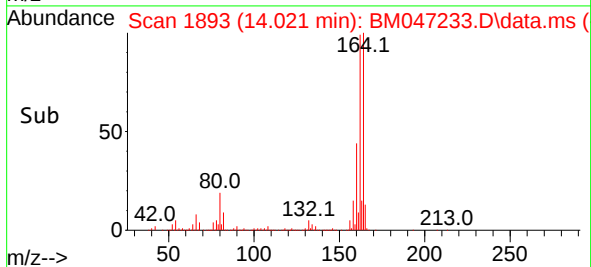
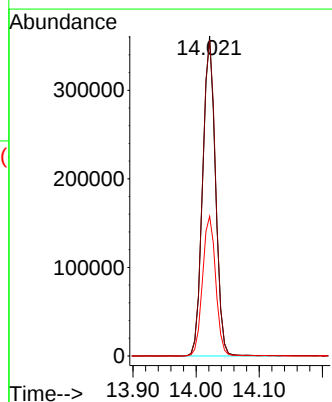
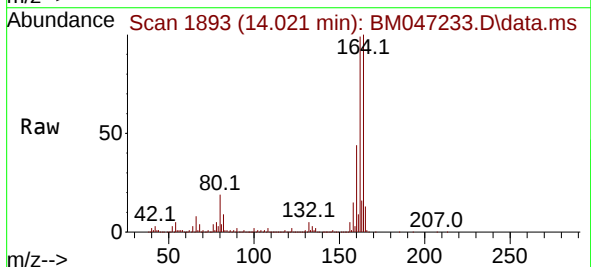
Instrument :
BNA_M
ClientSampleId :
TS07

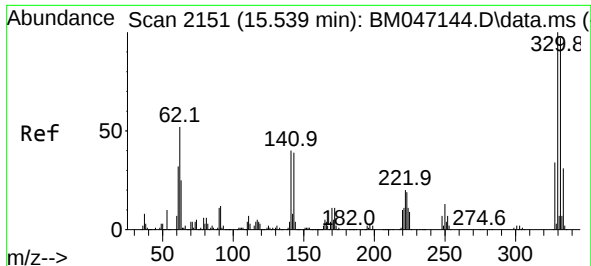
Tgt Ion: 82 Resp: 1666200
Ion Ratio Lower Upper
82 100
128 42.3 32.3 48.5
54 45.9 37.4 56.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.021 min Scan# 1893
Delta R.T. -0.012 min
Lab File: BM047233.D
Acq: 16 Aug 2024 13:51

Tgt Ion: 164 Resp: 507793
Ion Ratio Lower Upper
164 100
162 98.8 80.7 121.1
160 43.7 36.0 54.0

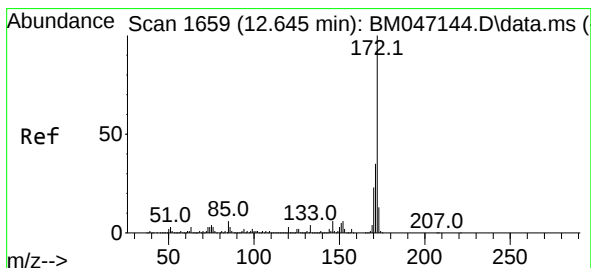
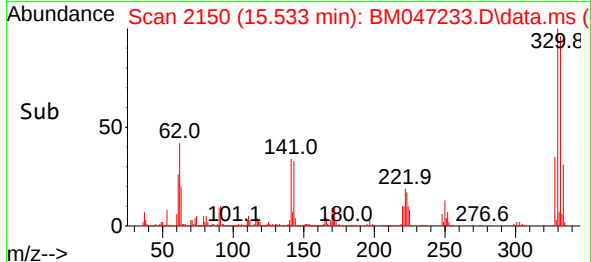
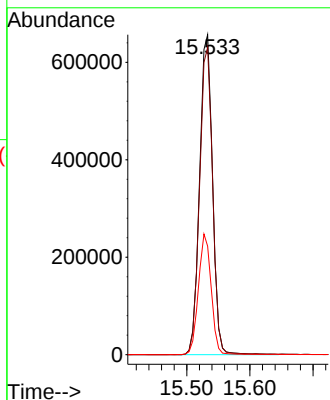
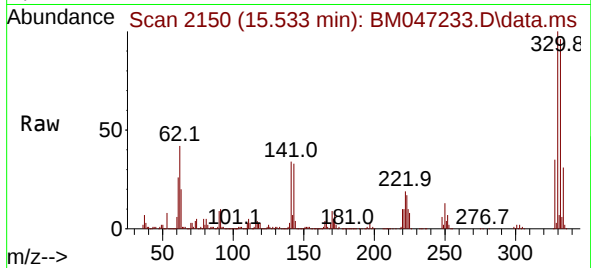




#42
2,4,6-Tribromophenol
Concen: 158.997 ng
RT: 15.533 min Scan# 2151
Delta R.T. -0.006 min
Lab File: BM047233.D
Acq: 16 Aug 2024 13:51

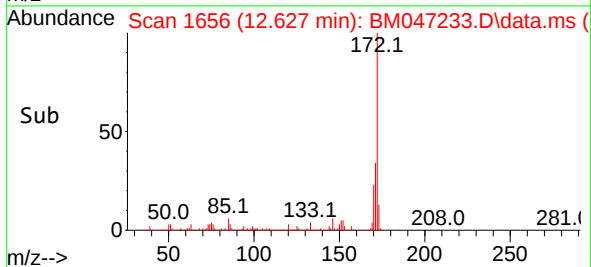
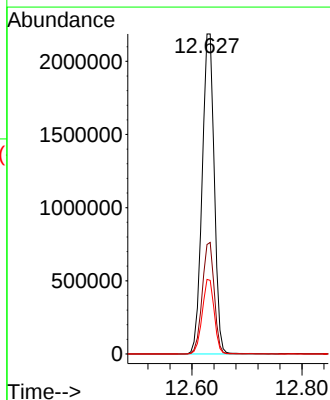
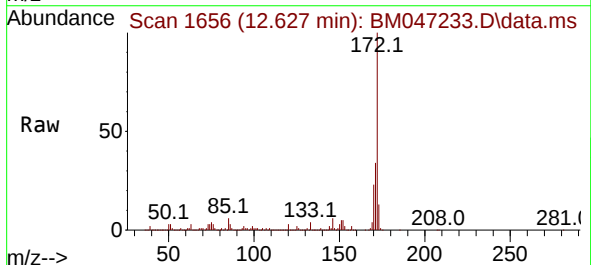
Instrument :
BNA_M
ClientSampleId :
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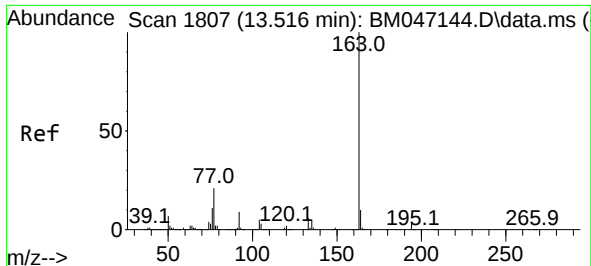
Tgt Ion:330 Resp: 936165
Ion Ratio Lower Upper
330 100
332 96.7 77.4 116.2
141 37.2 31.6 47.4



#45
2-Fluorobiphenyl
Concen: 101.680 ng
RT: 12.627 min Scan# 1656
Delta R.T. -0.018 min
Lab File: BM047233.D
Acq: 16 Aug 2024 13:51

Tgt Ion:172 Resp: 3347270
Ion Ratio Lower Upper
172 100
171 34.2 27.8 41.6
170 23.3 18.7 28.1

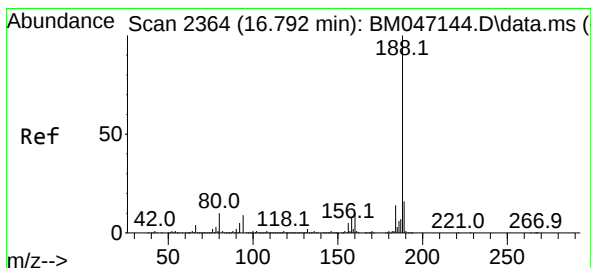
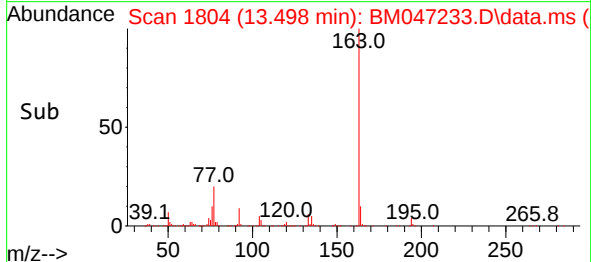
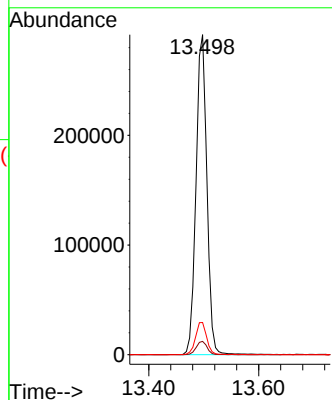
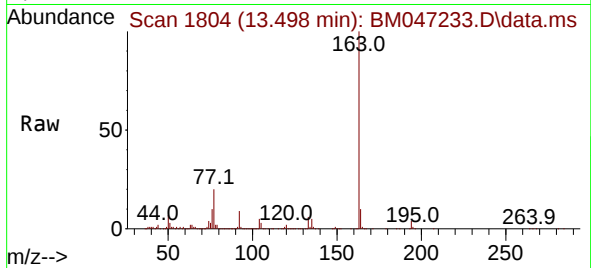




#50
Dimethylphthalate
Concen: 11.291 ng
RT: 13.498 min Scan# 1804
Delta R.T. -0.018 min
Lab File: BM047233.D
Acq: 16 Aug 2024 13:51

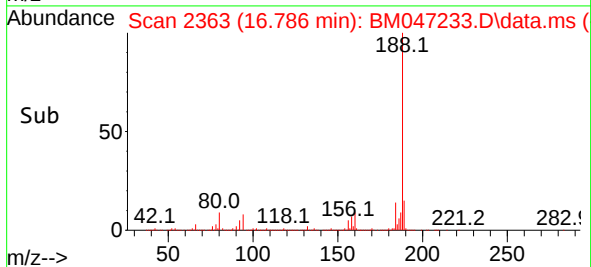
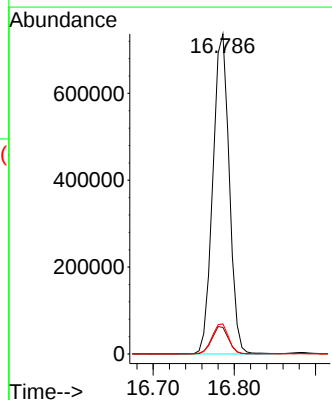
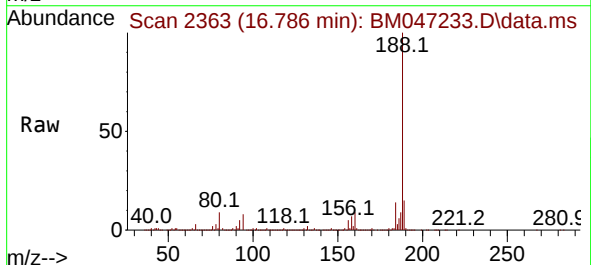
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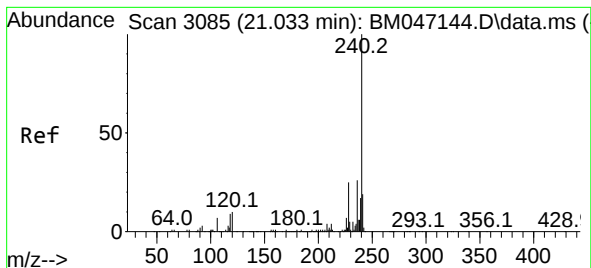
Tgt Ion:163 Resp: 400424
Ion Ratio Lower Upper
163 100
194 4.2 3.0 4.6
164 10.0 8.0 12.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.786 min Scan# 2363
Delta R.T. -0.006 min
Lab File: BM047233.D
Acq: 16 Aug 2024 13:51

Tgt Ion:188 Resp: 1034778
Ion Ratio Lower Upper
188 100
94 8.3 7.0 10.6
80 9.4 8.0 12.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.021 min Scan# 3083

Delta R.T. -0.012 min

Lab File: BM047233.D

Acq: 16 Aug 2024 13:51

Instrument :

BNA_M

ClientSampleId :

TS07

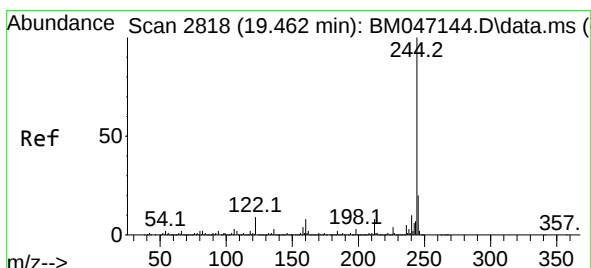
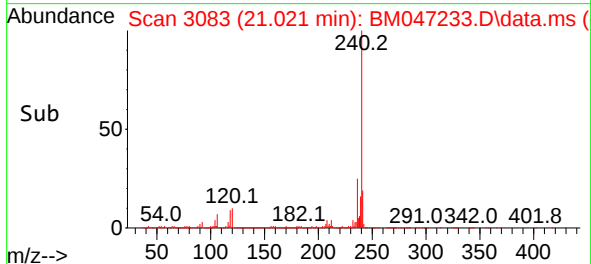
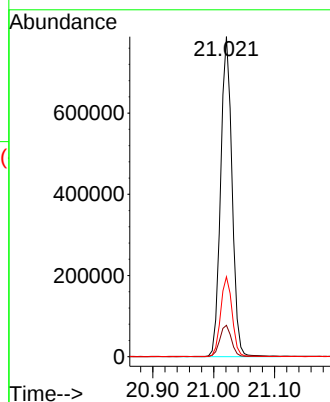
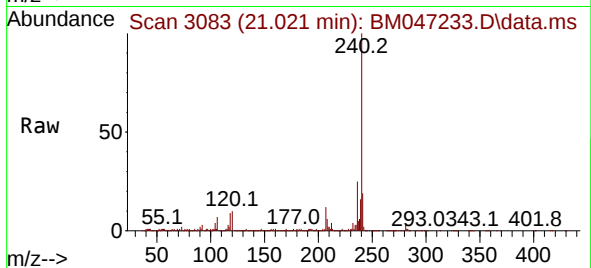
Tgt Ion:240 Resp: 1022079

Ion Ratio Lower Upper

240 100

120 9.8 8.2 12.2

236 24.9 20.6 30.8



#79

Terphenyl-d14

Concen: 105.233 ng

RT: 19.450 min Scan# 2816

Delta R.T. -0.012 min

Lab File: BM047233.D

Acq: 16 Aug 2024 13:51

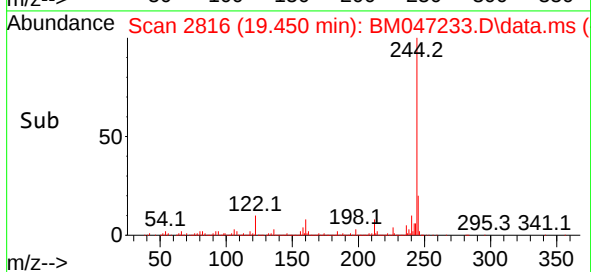
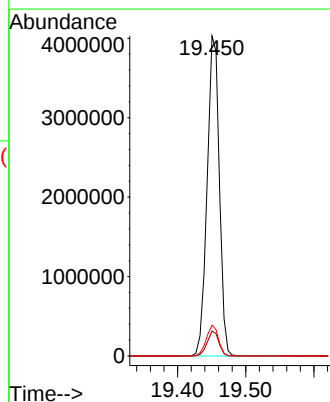
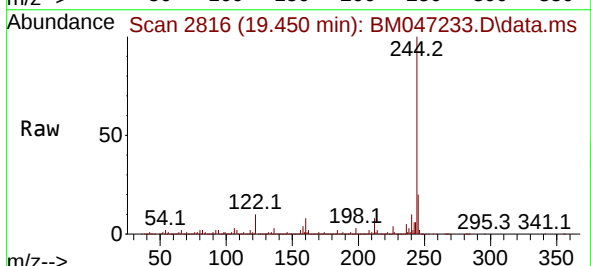
Tgt Ion:244 Resp: 5019509

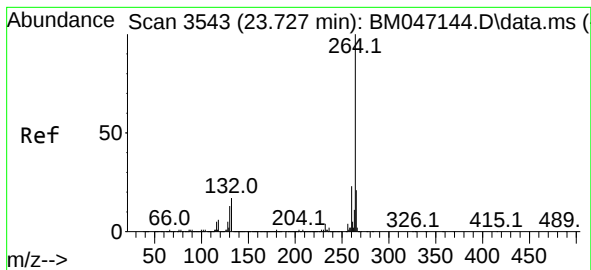
Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.4

122 9.6 7.1 10.7





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.715 min Scan# 3

Delta R.T. -0.012 min

Lab File: BM047233.D

Acq: 16 Aug 2024 13:51

Instrument :

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Tgt Ion:264 Resp: 1190964

Ion Ratio Lower Upper

264 100

260 23.3 18.5 27.7

265 21.6 17.3 25.9

