

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081524\
 Data File : BM047213.D
 Acq On : 15 Aug 2024 13:31
 Operator : RC/JU
 Sample : P3506-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RT4534

Quant Time: Aug 15 14:10:28 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)

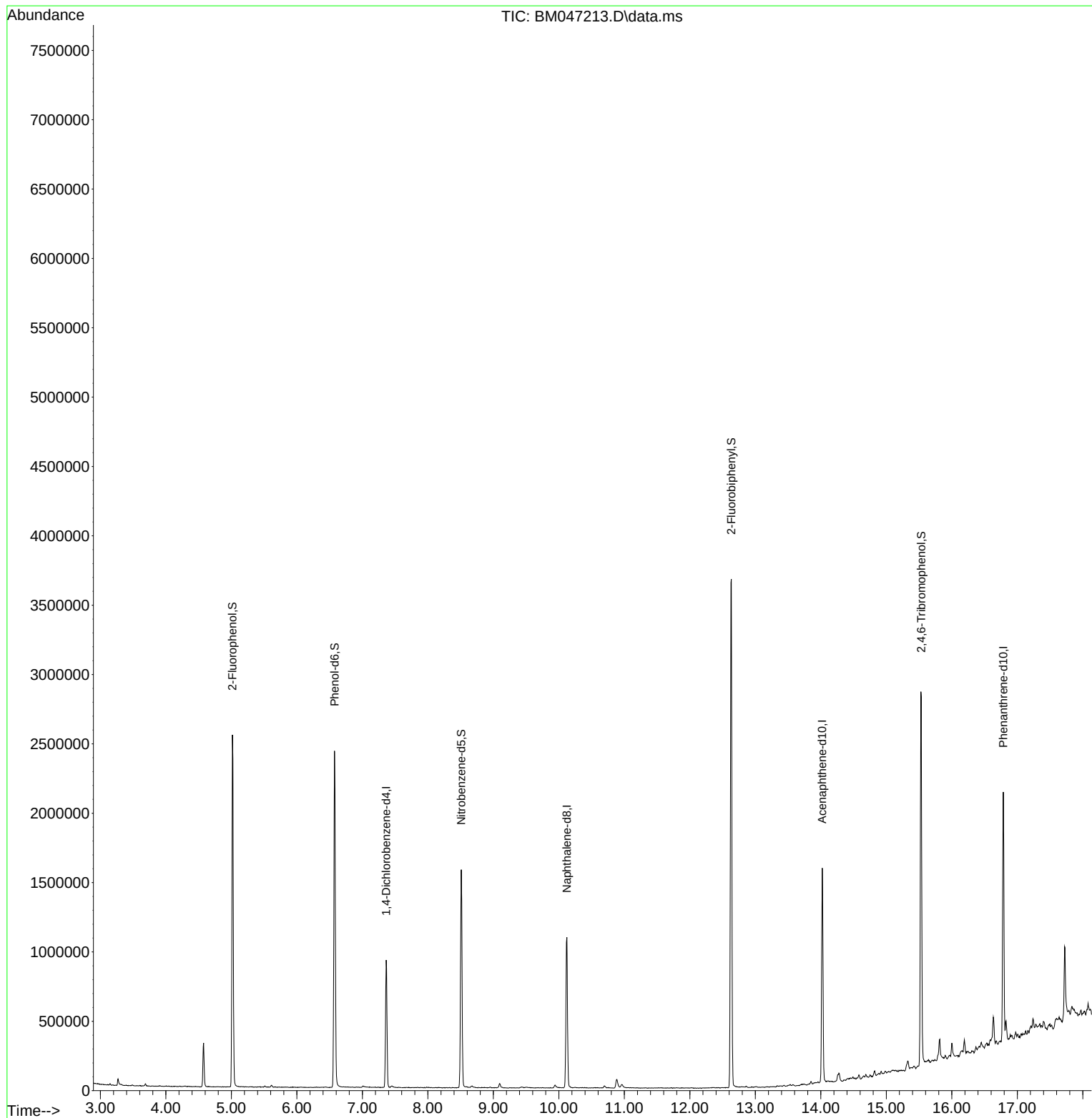
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.363	152	248470	20.000	ng	-0.01
21) Naphthalene-d8	10.122	136	893490	20.000	ng	-0.01
39) Acenaphthene-d10	14.022	164	541016	20.000	ng	-0.01
64) Phenanthrene-d10	16.786	188	1058656	20.000	ng	0.00
76) Chrysene-d12	21.021	240	912938	20.000	ng	-0.01
86) Perylene-d12	23.715	264	1083060	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.016	112	1050534	75.548	ng	0.00
7) Phenol-d6	6.575	99	1357960	70.872	ng	-0.01
23) Nitrobenzene-d5	8.510	82	895343	50.458	ng	-0.01
42) 2,4,6-Tribromophenol	15.533	330	502277	80.068	ng	0.00
45) 2-Fluorobiphenyl	12.634	172	1978969	56.424	ng	-0.01
79) Terphenyl-d14	19.451	244	2670744	62.685	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.522	77	475	Below Cal	Qvalue #	43
84) Bis(2-ethylhexyl)phtha...	20.968	149	99307	2.632 ng		100

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

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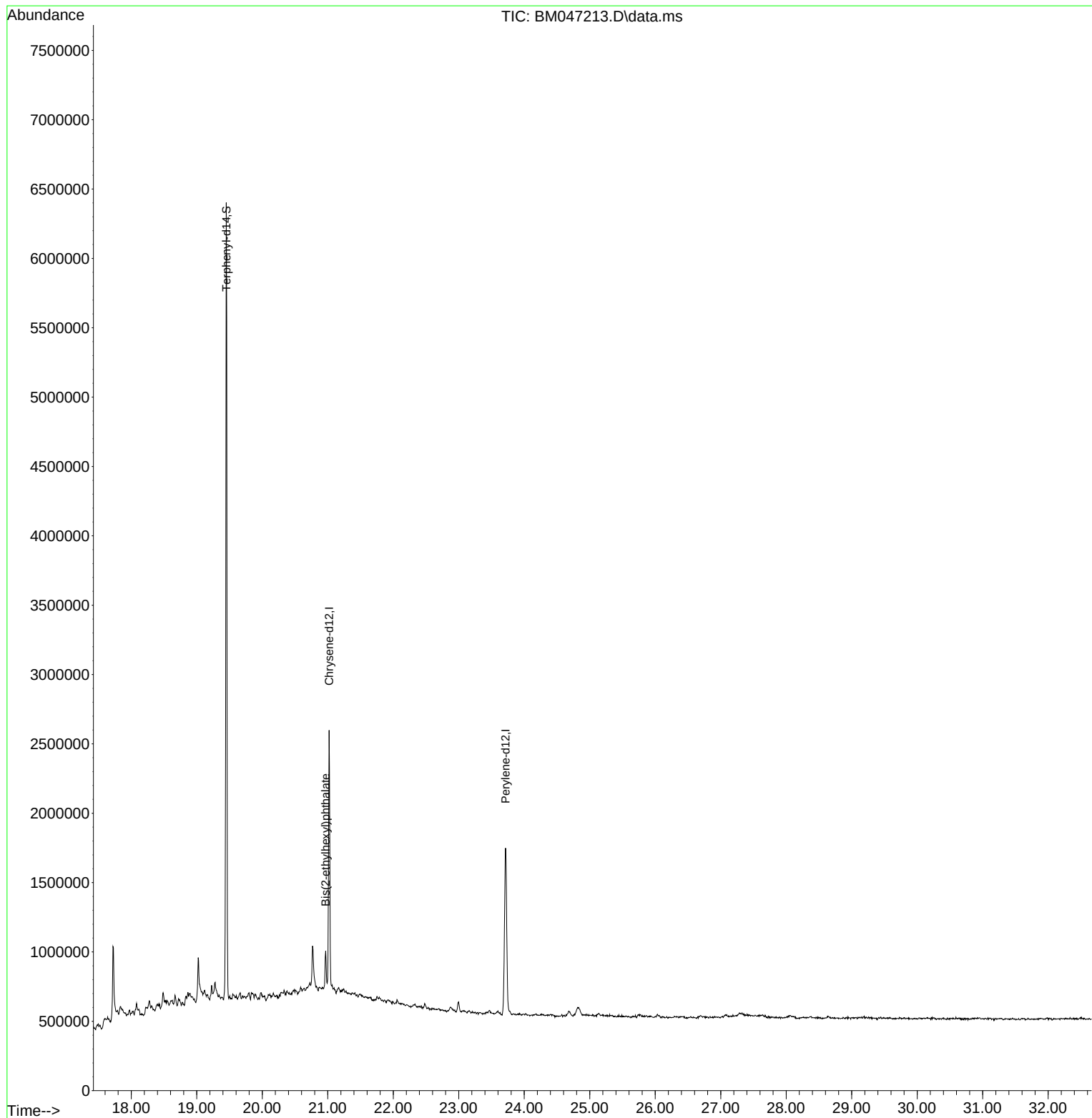
Quant Time: Aug 15 14:10:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Aug 11 23:47:58 2024
Response via : Initial Calibration

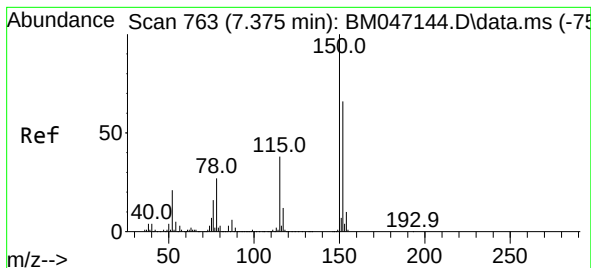


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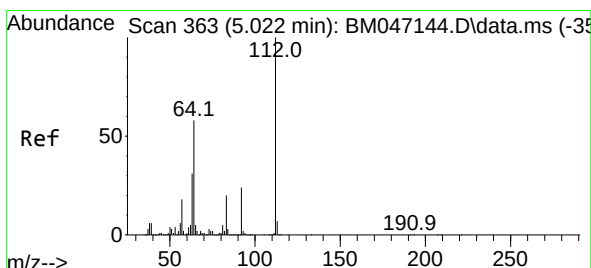
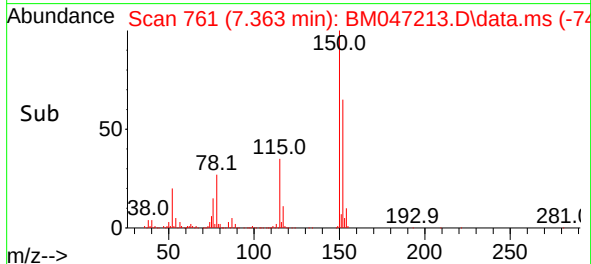
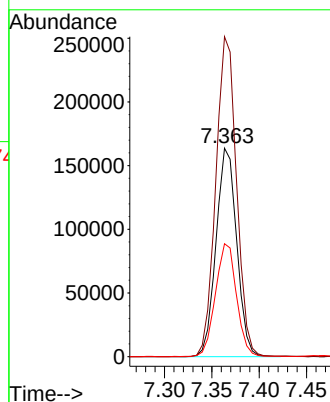
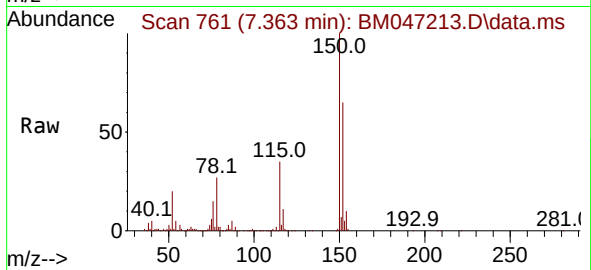




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.363 min Scan# 761
Delta R.T. -0.012 min
Lab File: BM047213.D
Acq: 15 Aug 2024 13:31

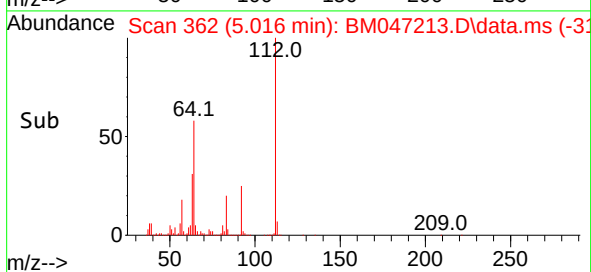
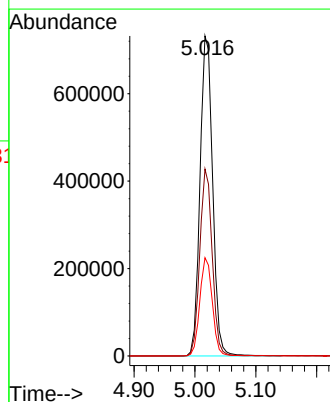
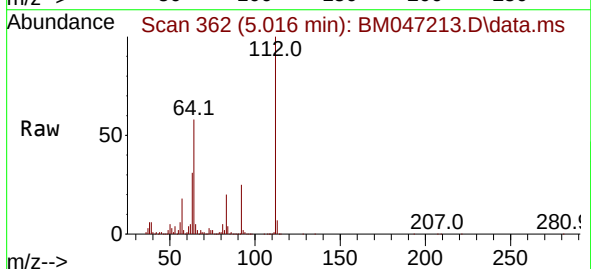
Instrument :
BNA_M
ClientSampleId :
RT4534

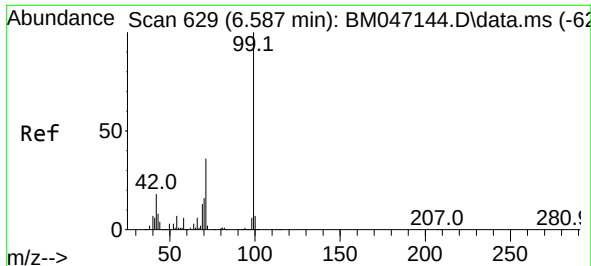
Tgt Ion:152 Resp: 248470
Ion Ratio Lower Upper
152 100
150 153.4 120.5 180.7
115 54.1 45.5 68.3



#5
2-Fluorophenol
Concen: 75.548 ng
RT: 5.016 min Scan# 362
Delta R.T. -0.006 min
Lab File: BM047213.D
Acq: 15 Aug 2024 13:31

Tgt Ion:112 Resp: 1050534
Ion Ratio Lower Upper
112 100
64 58.4 46.7 70.1
63 30.7 24.8 37.2



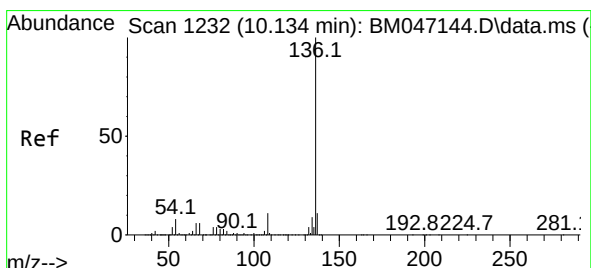
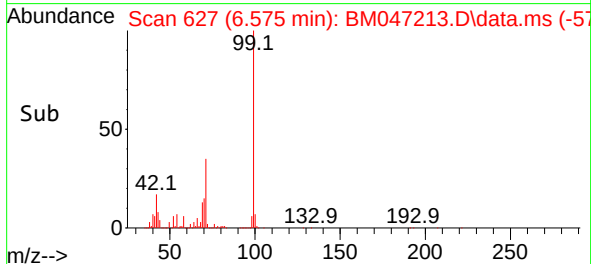
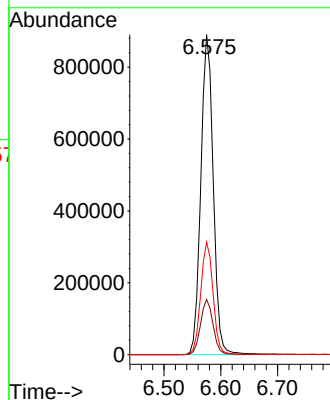
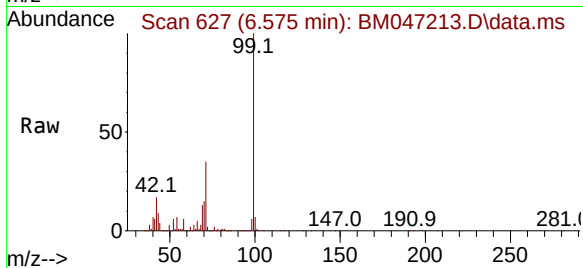


#7
Phenol-d6
Concen: 70.872 ng
RT: 6.575 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM047213.D
Acq: 15 Aug 2024 13:31

Instrument :
BNA_M
ClientSampleId :
RT4534

Tgt Ion: 99 Resp: 1357960

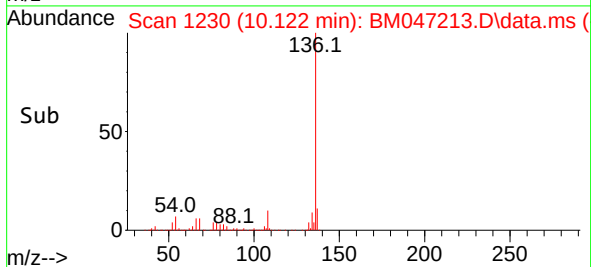
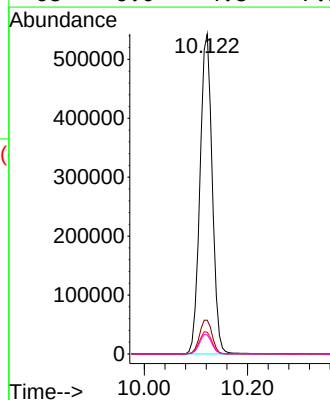
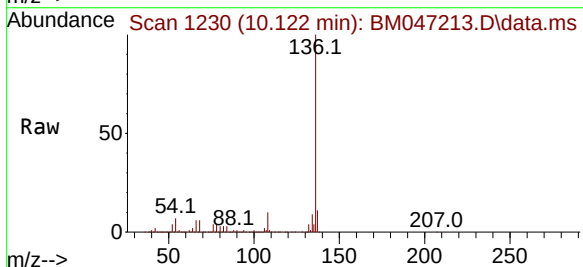
Ion	Ratio	Lower	Upper
99	100		
42	17.3	14.1	21.1
71	35.2	28.5	42.7

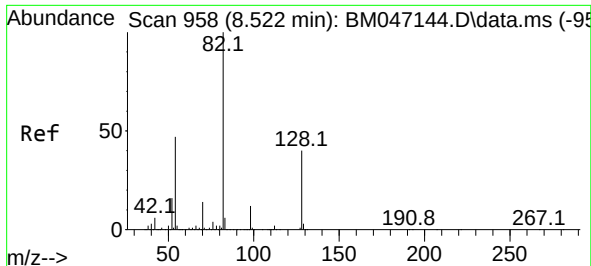


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.122 min Scan# 1230
Delta R.T. -0.012 min
Lab File: BM047213.D
Acq: 15 Aug 2024 13:31

Tgt Ion: 136 Resp: 893490

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	6.8	6.0	9.0
68	6.0	4.8	7.2

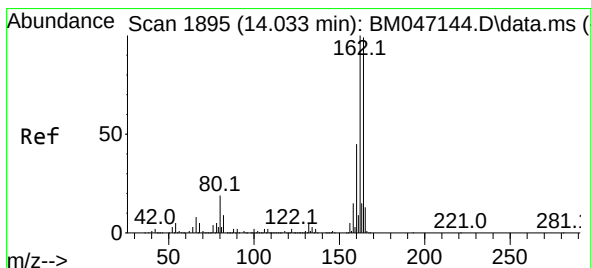
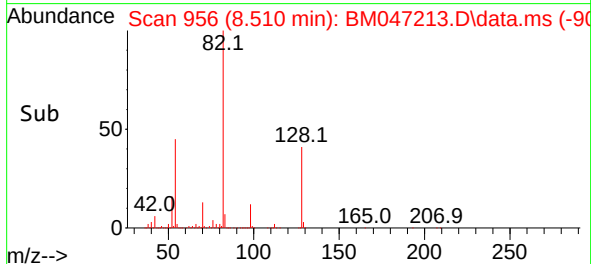
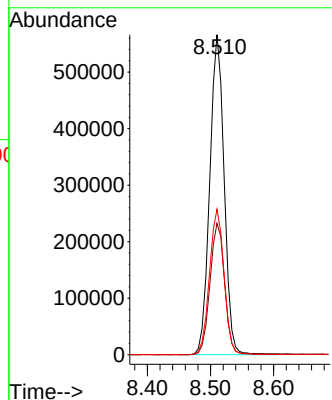
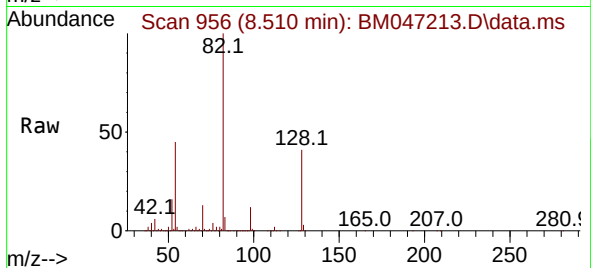




#23
Nitrobenzene-d5
Concen: 50.458 ng
RT: 8.510 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM047213.D
Acq: 15 Aug 2024 13:31

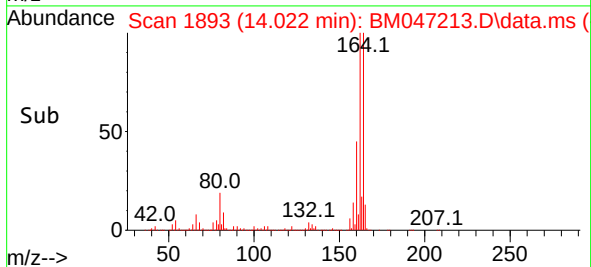
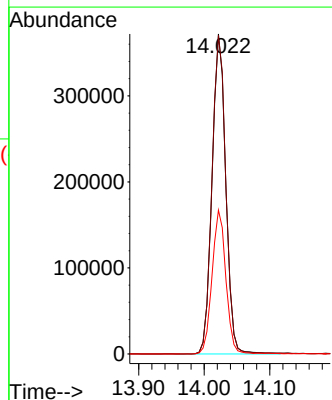
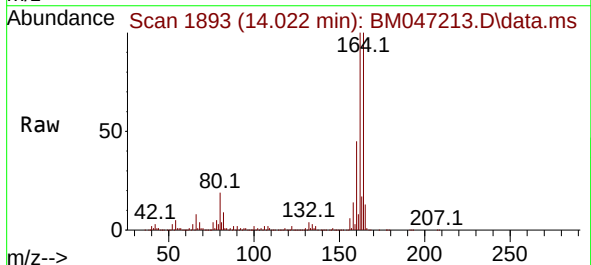
Instrument :
BNA_M
ClientSampleId :
RT4534

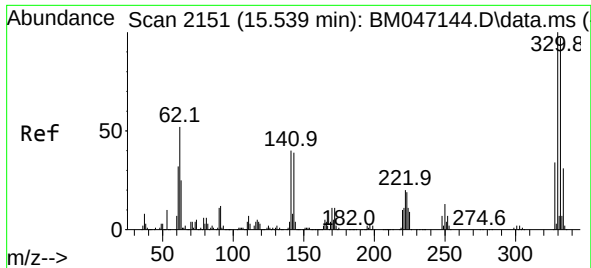
Tgt Ion: 82 Resp: 895343
Ion Ratio Lower Upper
82 100
128 41.0 32.3 48.5
54 45.4 37.4 56.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.022 min Scan# 1893
Delta R.T. -0.012 min
Lab File: BM047213.D
Acq: 15 Aug 2024 13:31

Tgt Ion: 164 Resp: 541016
Ion Ratio Lower Upper
164 100
162 99.5 80.7 121.1
160 45.0 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 80.068 ng

RT: 15.533 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047213.D

Acq: 15 Aug 2024 13:31

Instrument :

BNA_M

ClientSampleId :

RT4534

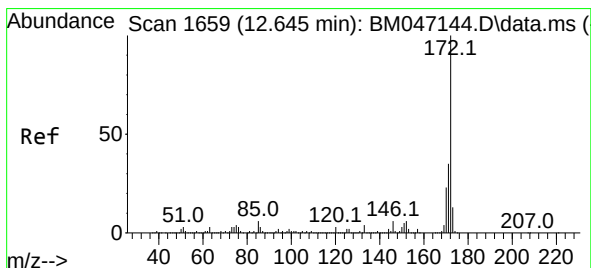
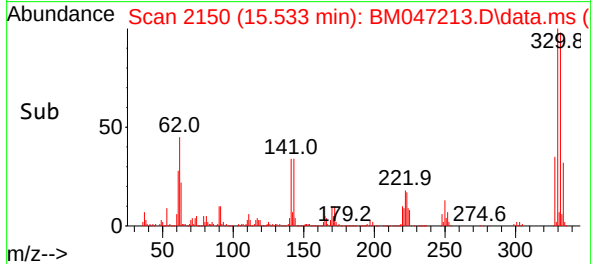
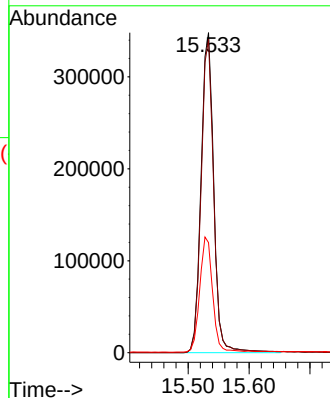
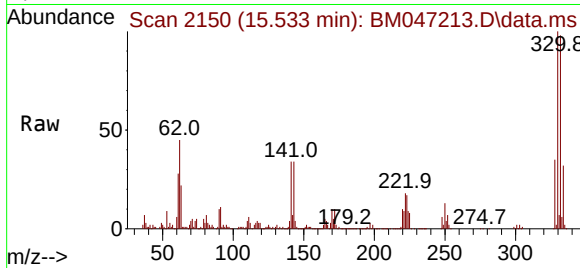
Tgt Ion:330 Resp: 502277

Ion Ratio Lower Upper

330 100

332 97.0 77.4 116.2

141 36.5 31.6 47.4



#45

2-Fluorobiphenyl

Concen: 56.424 ng

RT: 12.634 min Scan# 1657

Delta R.T. -0.011 min

Lab File: BM047213.D

Acq: 15 Aug 2024 13:31

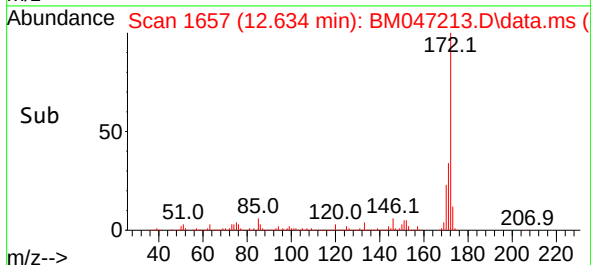
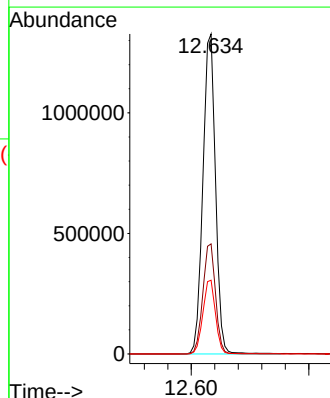
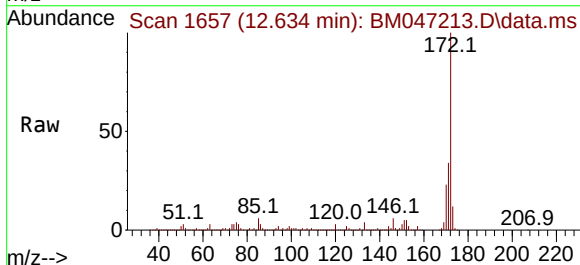
Tgt Ion:172 Resp: 1978969

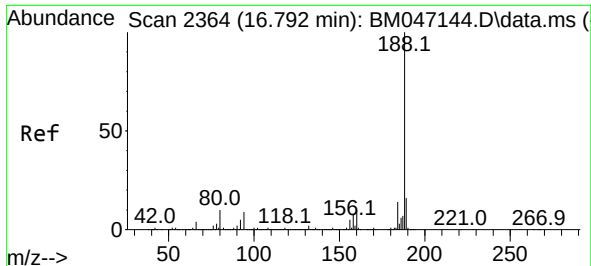
Ion Ratio Lower Upper

172 100

171 34.4 27.8 41.6

170 23.0 18.7 28.1

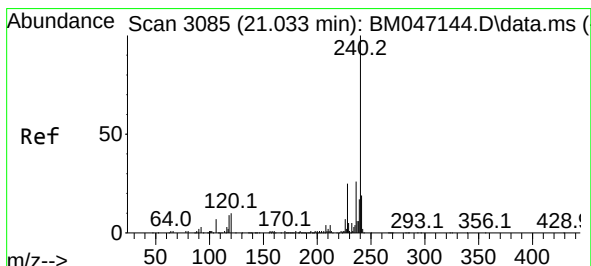
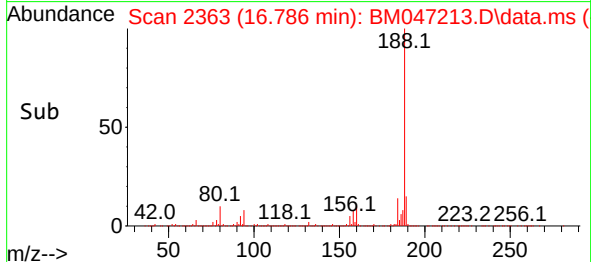
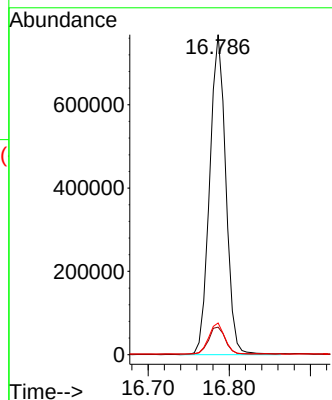
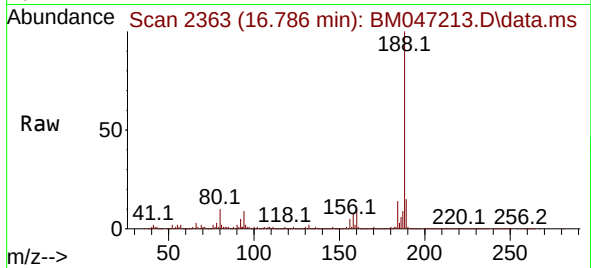




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.786 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM047213.D
Acq: 15 Aug 2024 13:31

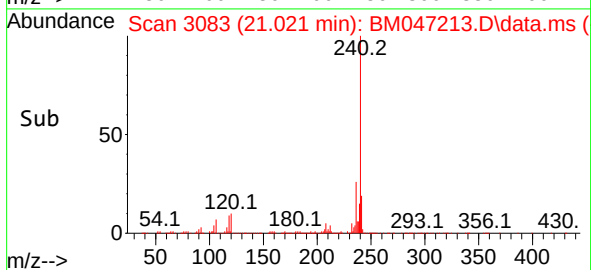
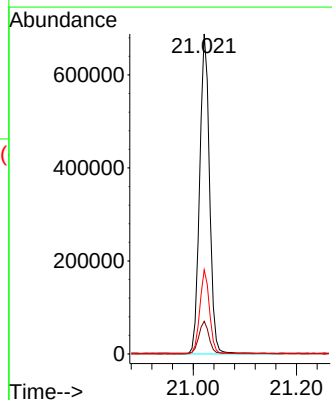
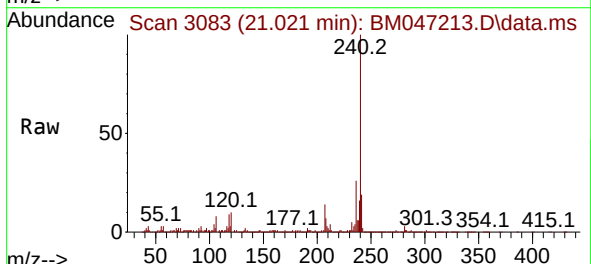
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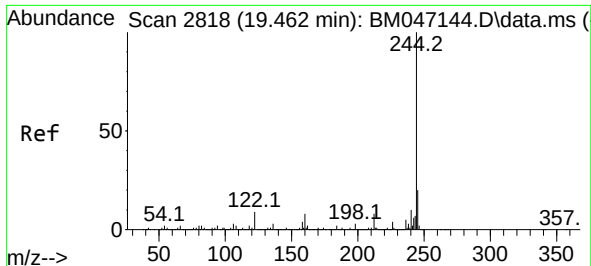
Tgt Ion:188 Resp: 1058656
Ion Ratio Lower Upper
188 100
94 8.6 7.0 10.6
80 9.9 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.021 min Scan# 3083
Delta R.T. -0.012 min
Lab File: BM047213.D
Acq: 15 Aug 2024 13:31

Tgt Ion:240 Resp: 912938
Ion Ratio Lower Upper
240 100
120 10.2 8.2 12.2
236 26.3 20.6 30.8

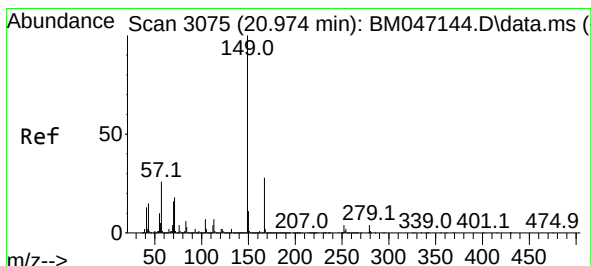
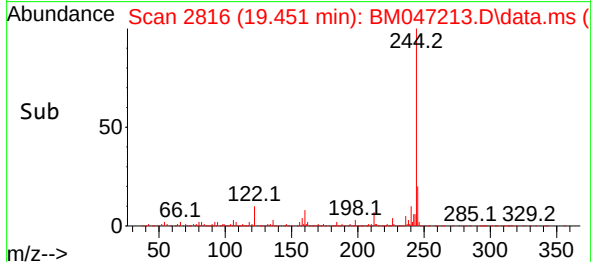
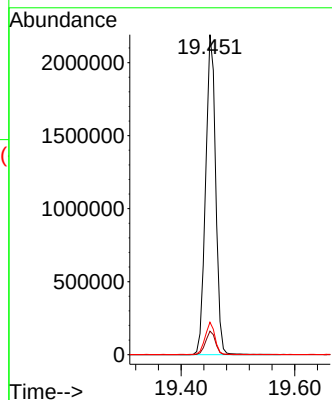
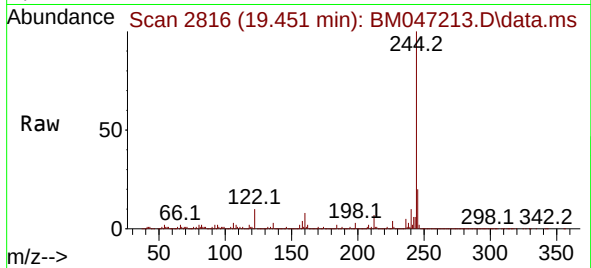




#79
 Terphenyl-d14
 Concen: 62.685 ng
 RT: 19.451 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM047213.D
 Acq: 15 Aug 2024 13:31

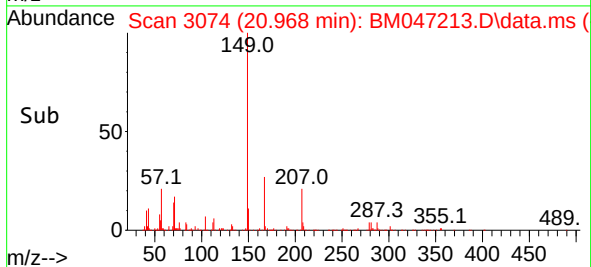
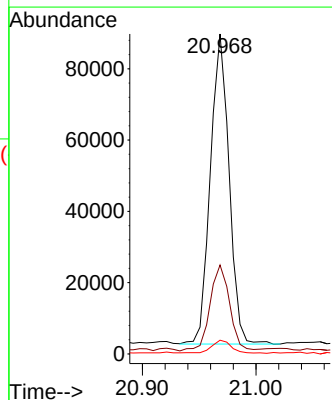
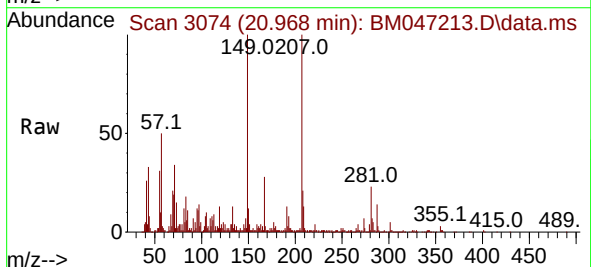
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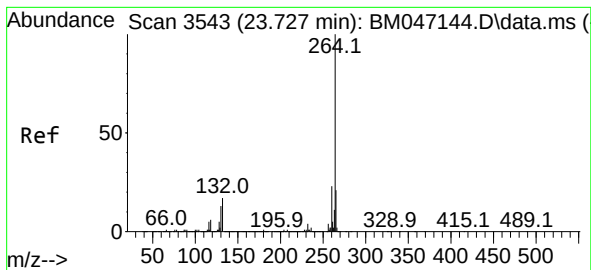
Tgt Ion:244 Resp: 2670744
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.4
 122 10.2 7.1 10.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.632 ng
 RT: 20.968 min Scan# 3074
 Delta R.T. -0.006 min
 Lab File: BM047213.D
 Acq: 15 Aug 2024 13:31

Tgt Ion:149 Resp: 99307
 Ion Ratio Lower Upper
 149 100
 167 27.8 22.2 33.2
 279 4.3 3.0 4.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.715 min Scan# 3

Delta R.T. -0.012 min

Lab File: BM047213.D

Acq: 15 Aug 2024 13:31

Instrument :

BNA_M

ClientSampleId :

RT4534

Tgt Ion:264 Resp: 1083060

Ion Ratio Lower Upper

264 100

260 23.6 18.5 27.7

265 22.3 17.3 25.9

