

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081924\
 Data File : BM047255.D
 Acq On : 19 Aug 2024 16:48
 Operator : RC/JU
 Sample : P3580-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 926-K1-SD-0.5-1-081224

Quant Time: Aug 19 17:40:25 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)

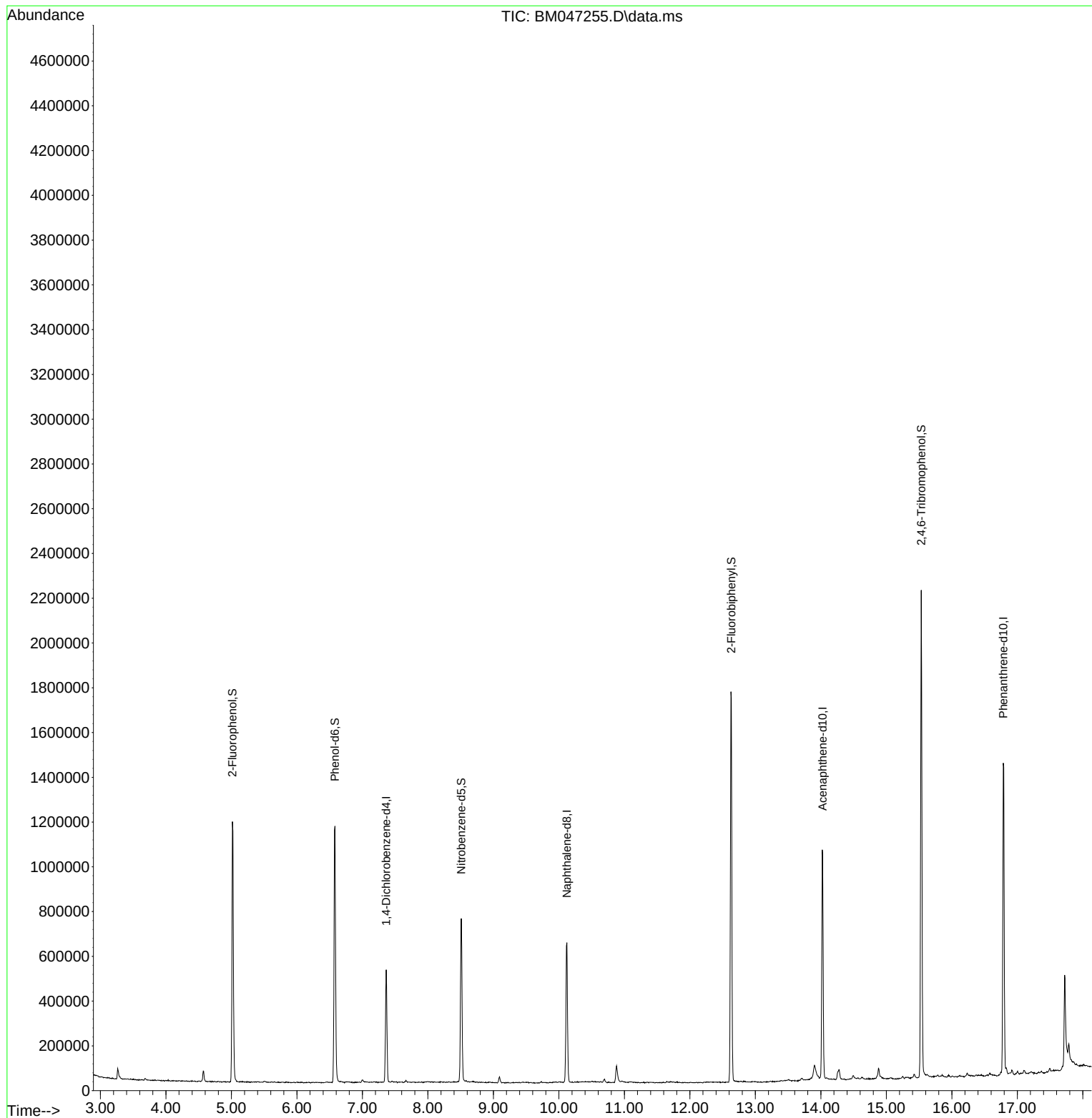
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.363	152	136355	20.000	ng	-0.01
21) Naphthalene-d8	10.122	136	518629	20.000	ng	-0.01
39) Acenaphthene-d10	14.027	164	361762	20.000	ng	0.00
64) Phenanthrene-d10	16.786	188	862835	20.000	ng	0.00
76) Chrysene-d12	21.027	240	1065548	20.000	ng	0.00
86) Perylene-d12	23.733	264	1161436	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.016	112	528568	69.265	ng	0.00
7) Phenol-d6	6.581	99	680267	64.695	ng	0.00
23) Nitrobenzene-d5	8.510	82	423817	41.148	ng	-0.01
42) 2,4,6-Tribromophenol	15.533	330	389506	92.857	ng	0.00
45) 2-Fluorobiphenyl	12.633	172	949282	40.477	ng	-0.01
79) Terphenyl-d14	19.456	244	1814065	36.480	ng	0.00
Target Compounds						
9) Benzaldehyde	6.522	77	177	Below Cal	Qvalue #	39

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

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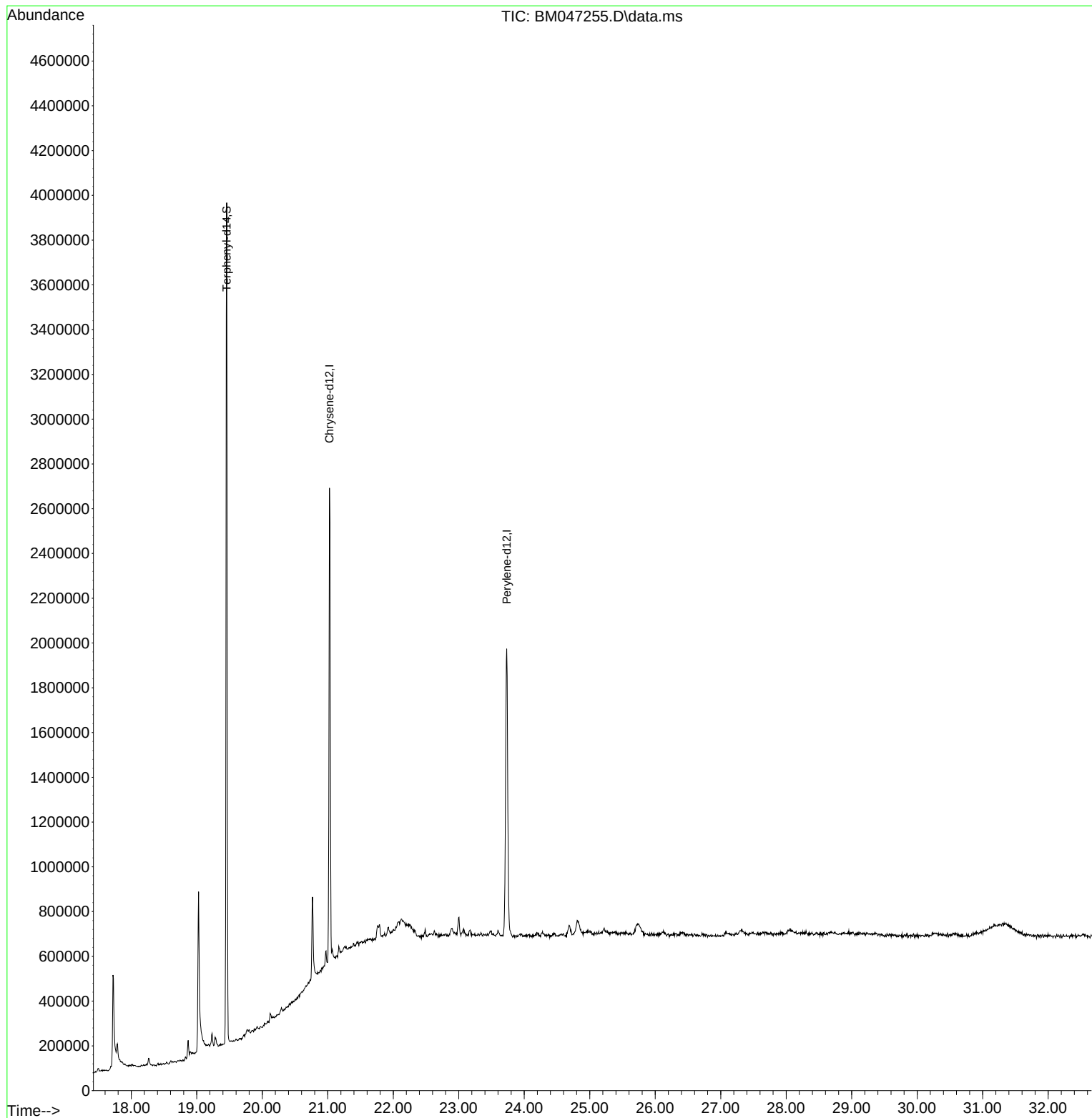
Quant Time: Aug 19 17:40:25 2024
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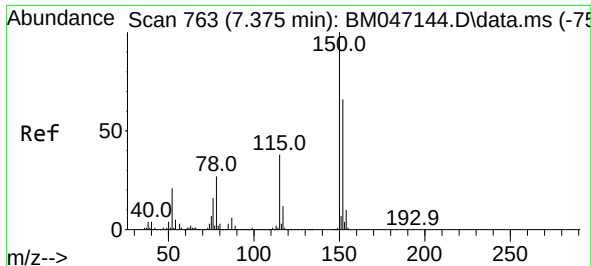


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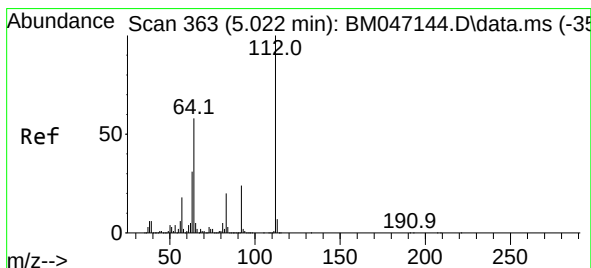
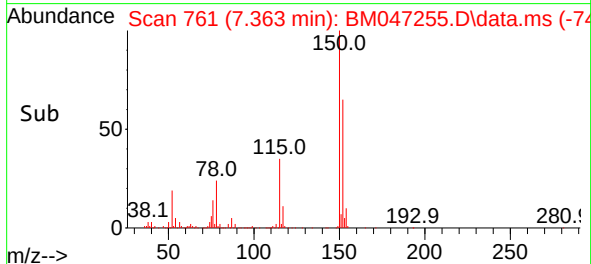
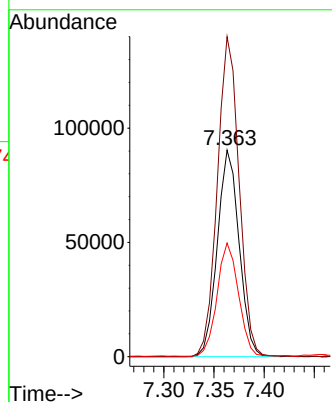
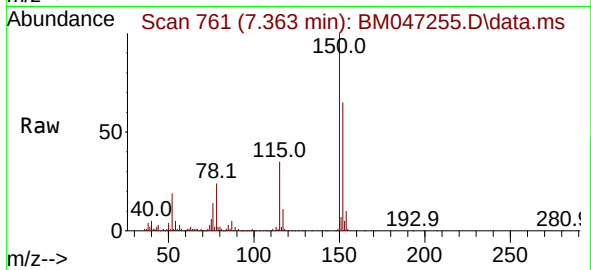




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.363 min Scan# 761
Delta R.T. -0.012 min
Lab File: BM047255.D
Acq: 19 Aug 2024 16:48

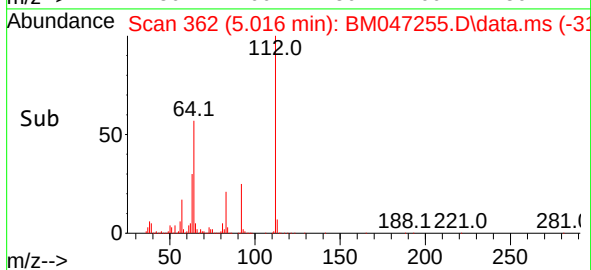
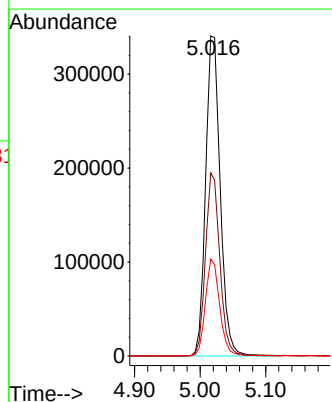
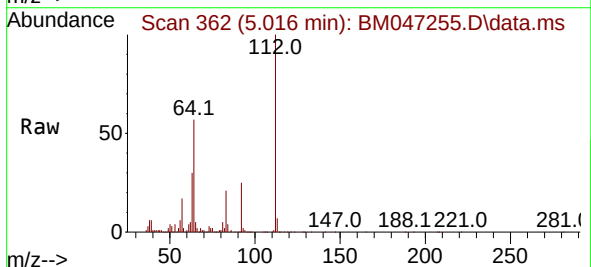
Instrument :
BNA_M
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926-K1-SD-0.5-1-081224

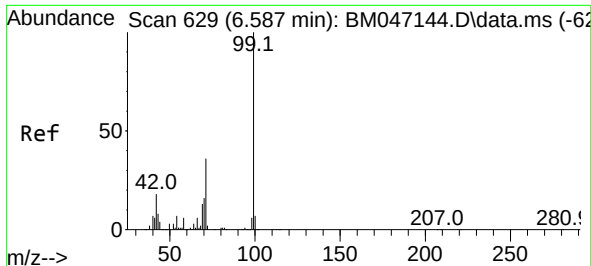
Tgt Ion:152 Resp: 136355
Ion Ratio Lower Upper
152 100
150 155.0 120.5 180.7
115 55.0 45.5 68.3



#5
2-Fluorophenol
Concen: 69.265 ng
RT: 5.016 min Scan# 362
Delta R.T. -0.006 min
Lab File: BM047255.D
Acq: 19 Aug 2024 16:48

Tgt Ion:112 Resp: 528568
Ion Ratio Lower Upper
112 100
64 57.2 46.7 70.1
63 30.3 24.8 37.2

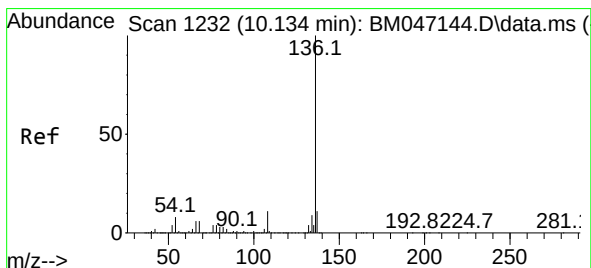
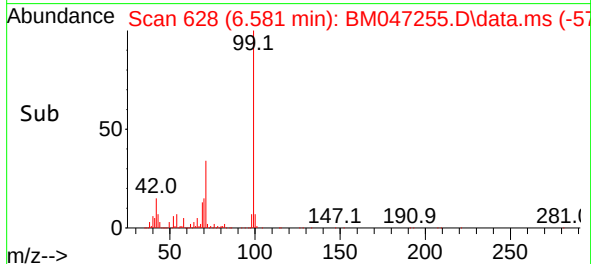
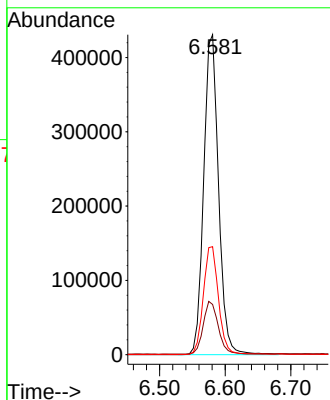
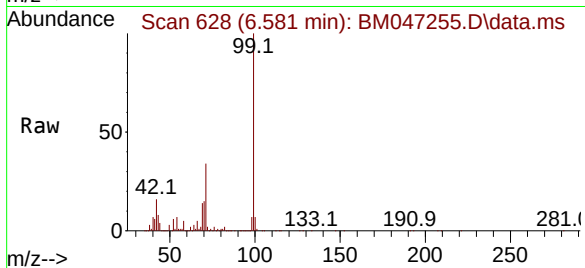




#7
Phenol-d6
Concen: 64.695 ng
RT: 6.581 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM047255.D
Acq: 19 Aug 2024 16:48

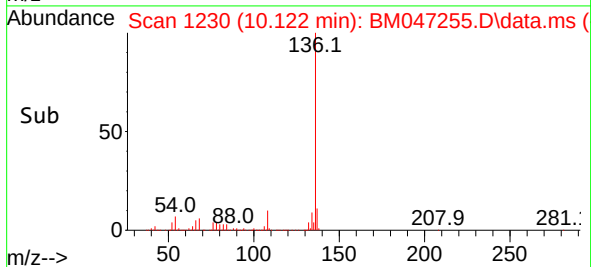
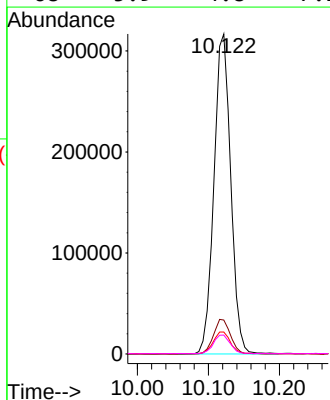
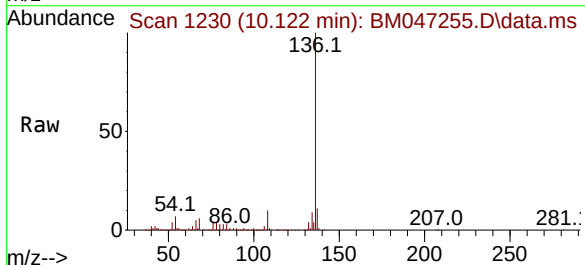
Instrument :
BNA_M
ClientSampleId :
926-K1-SD-0.5-1-081224

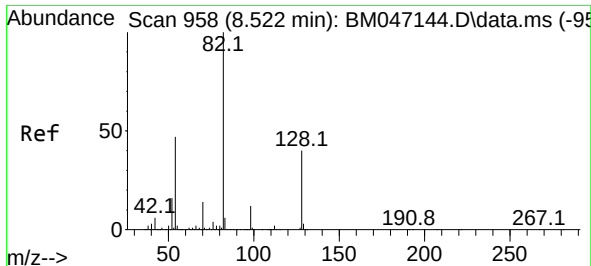
Tgt Ion: 99 Resp: 680267
Ion Ratio Lower Upper
99 100
42 15.7 14.1 21.1
71 33.7 28.5 42.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.122 min Scan# 1230
Delta R.T. -0.012 min
Lab File: BM047255.D
Acq: 19 Aug 2024 16:48

Tgt Ion: 136 Resp: 518629
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 6.8 6.0 9.0
68 5.9 4.8 7.2

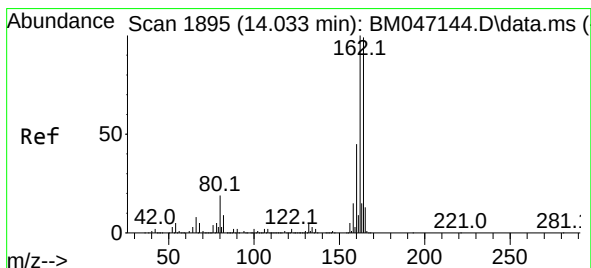
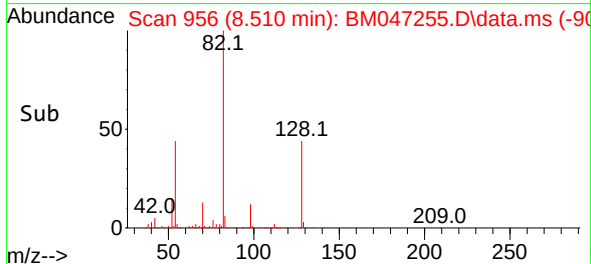
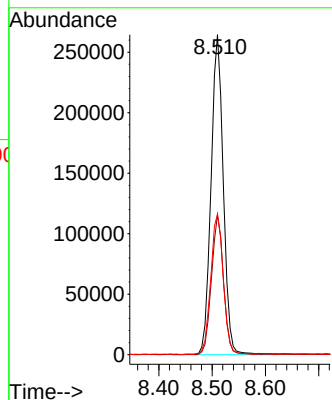
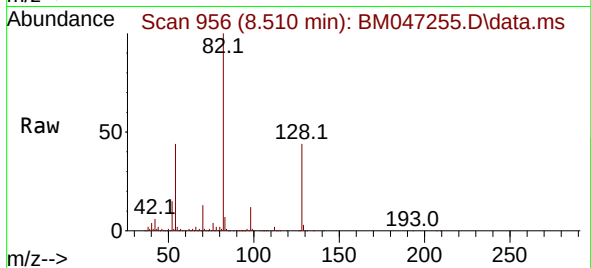




#23
Nitrobenzene-d5
Concen: 41.148 ng
RT: 8.510 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM047255.D
Acq: 19 Aug 2024 16:48

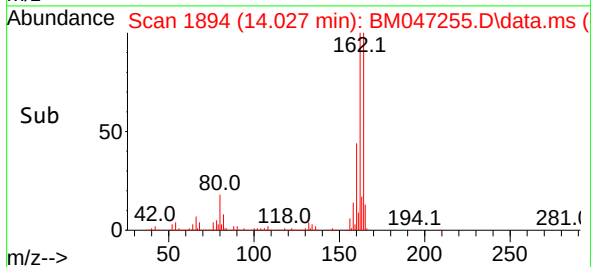
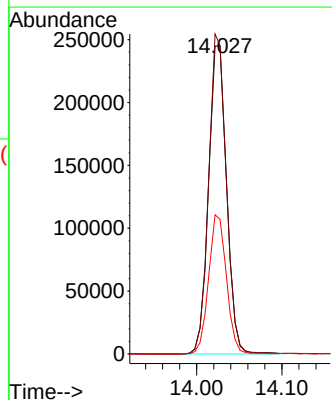
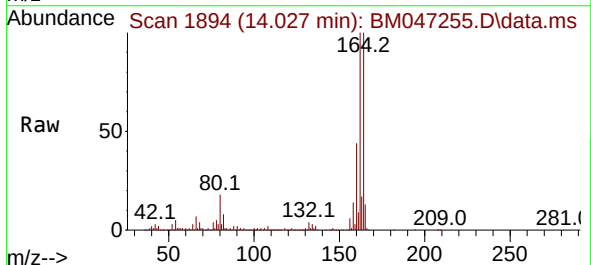
Instrument :
BNA_M
ClientSampleId :
926-K1-SD-0.5-1-081224

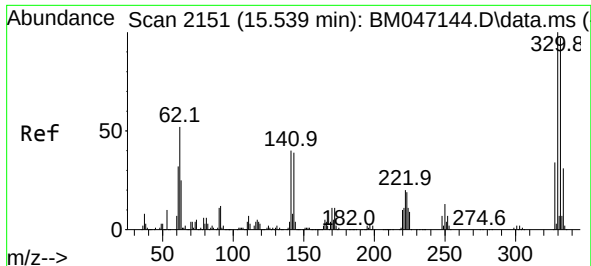
Tgt Ion: 82 Resp: 423817
Ion Ratio Lower Upper
82 100
128 43.7 32.3 48.5
54 44.0 37.4 56.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.027 min Scan# 1894
Delta R.T. -0.006 min
Lab File: BM047255.D
Acq: 19 Aug 2024 16:48

Tgt Ion: 164 Resp: 361762
Ion Ratio Lower Upper
164 100
162 100.1 80.7 121.1
160 43.7 36.0 54.0

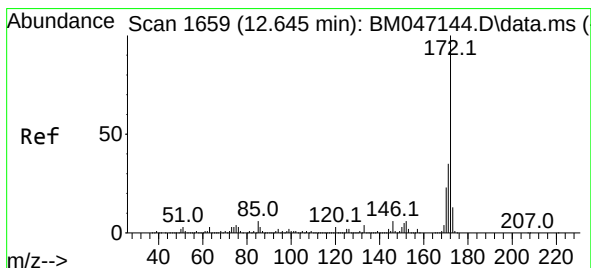
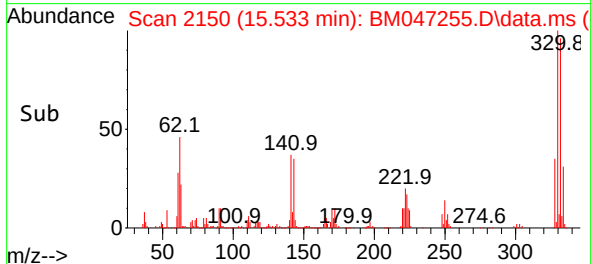
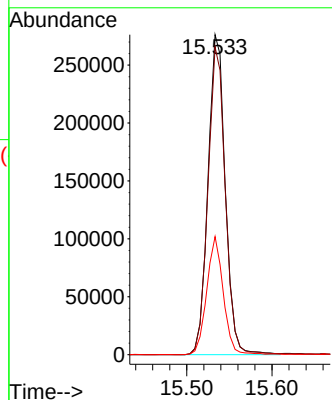
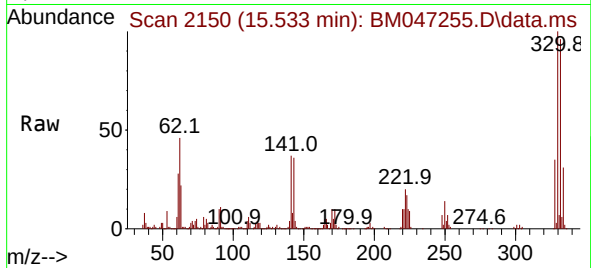




#42
2,4,6-Tribromophenol
Concen: 92.857 ng
RT: 15.533 min Scan# 2151
Delta R.T. -0.006 min
Lab File: BM047255.D
Acq: 19 Aug 2024 16:48

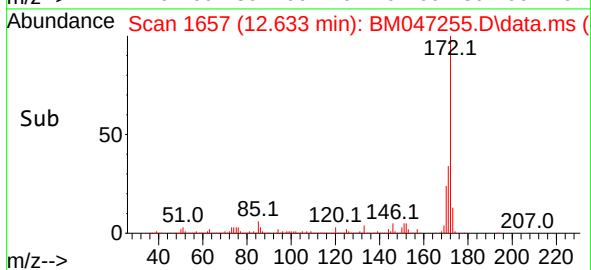
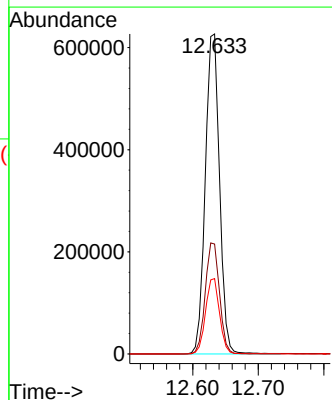
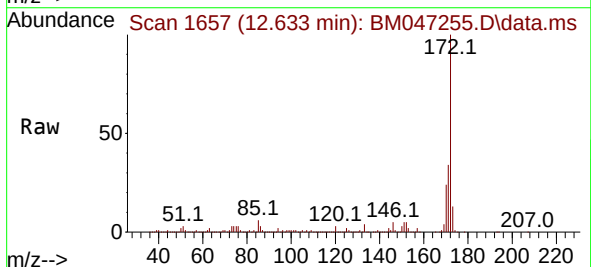
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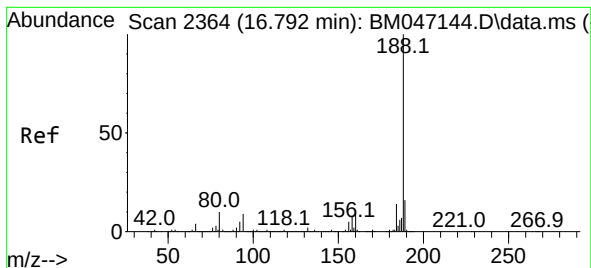
Tgt Ion:330 Resp: 389506
Ion Ratio Lower Upper
330 100
332 96.5 77.4 116.2
141 35.6 31.6 47.4



#45
2-Fluorobiphenyl
Concen: 40.477 ng
RT: 12.633 min Scan# 1657
Delta R.T. -0.012 min
Lab File: BM047255.D
Acq: 19 Aug 2024 16:48

Tgt Ion:172 Resp: 949282
Ion Ratio Lower Upper
172 100
171 34.4 27.8 41.6
170 23.6 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: BM047255.D

Acq: 19 Aug 2024 16:48

Instrument :

BNA_M

ClientSampleId :

926-K1-SD-0.5-1-081224

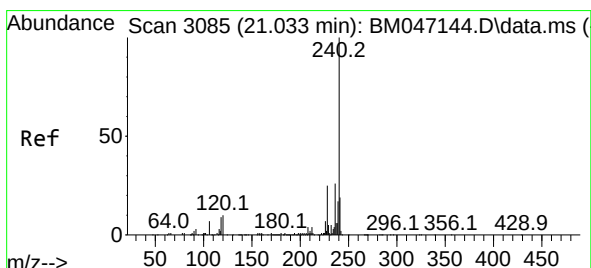
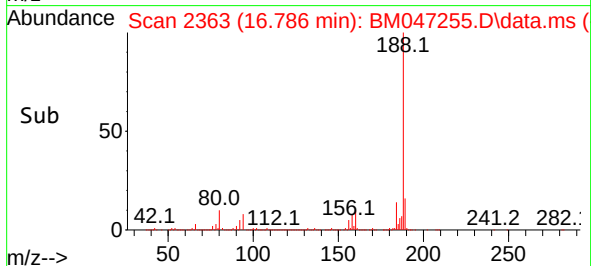
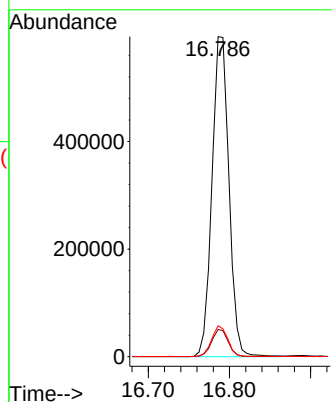
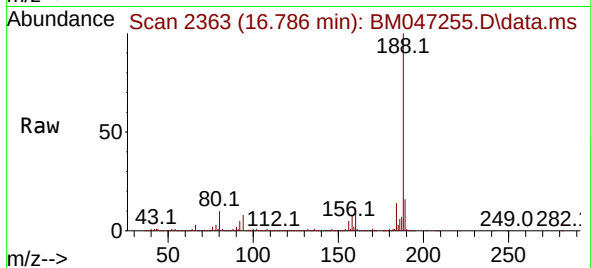
Tgt Ion:188 Resp: 862835

Ion Ratio Lower Upper

188 100

94 8.5 7.0 10.6

80 9.6 8.0 12.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.027 min Scan# 3084

Delta R.T. -0.006 min

Lab File: BM047255.D

Acq: 19 Aug 2024 16:48

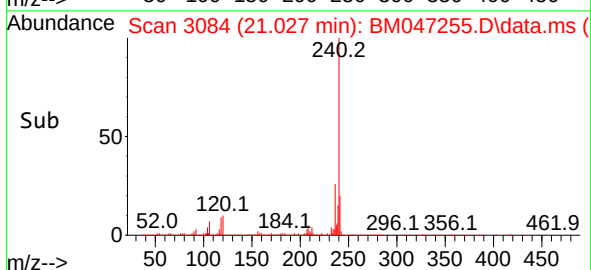
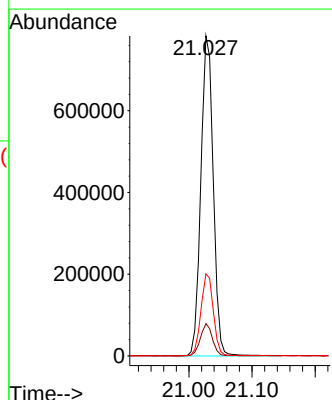
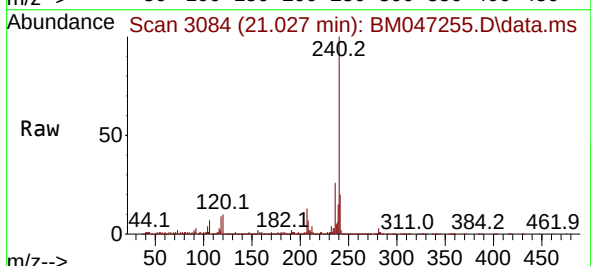
Tgt Ion:240 Resp: 1065548

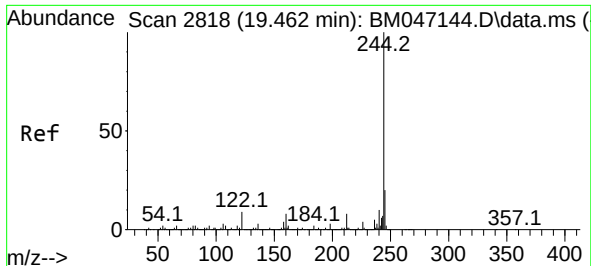
Ion Ratio Lower Upper

240 100

120 10.1 8.2 12.2

236 25.6 20.6 30.8

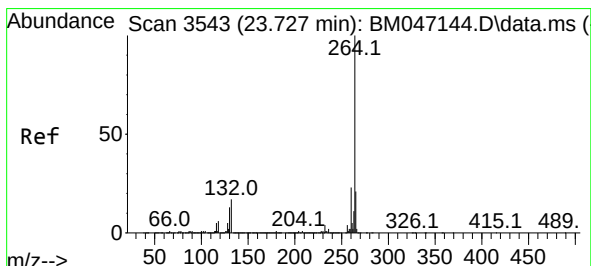
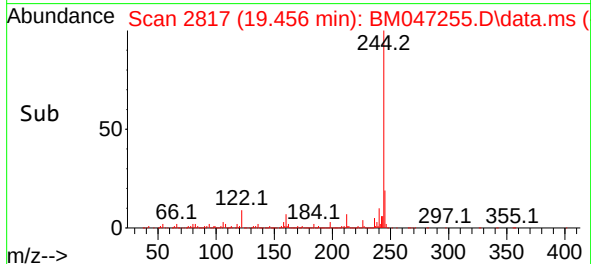
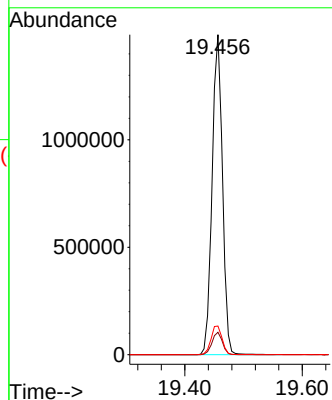
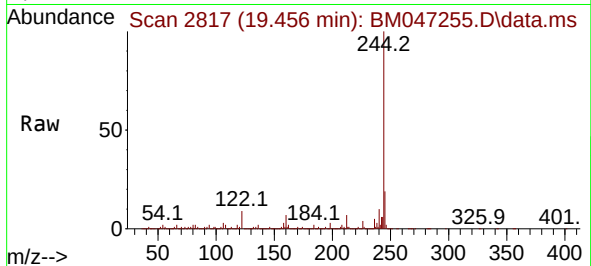




#79
 Terphenyl-d14
 Concen: 36.480 ng
 RT: 19.456 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM047255.D
 Acq: 19 Aug 2024 16:48

Instrument :
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Tgt Ion:244 Resp: 1814065
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.2 9.4
 122 9.0 7.1 10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.733 min Scan# 3544
 Delta R.T. 0.006 min
 Lab File: BM047255.D
 Acq: 19 Aug 2024 16:48

Tgt Ion:264 Resp: 1161436
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.5 27.7
 265 21.6 17.3 25.9

