

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081924\
 Data File : BM047254.D
 Acq On : 19 Aug 2024 16:08
 Operator : RC/JU
 Sample : P3580-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 926-K1-SD-0-0.5-081224

Quant Time: Aug 19 16:43:26 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	162241	20.000	ng	-0.01
21) Naphthalene-d8	10.122	136	613677	20.000	ng	-0.01
39) Acenaphthene-d10	14.028	164	423926	20.000	ng	0.00
64) Phenanthrene-d10	16.792	188	970571	20.000	ng	0.00
76) Chrysene-d12	21.033	240	1085214	20.000	ng	0.00
86) Perylene-d12	23.733	264	1209314	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.022	112	804057	88.555	ng	0.00
7) Phenol-d6	6.581	99	1051937	84.080	ng	0.00
23) Nitrobenzene-d5	8.510	82	656739	53.887	ng	-0.01
42) 2,4,6-Tribromophenol	15.533	330	527531	107.320	ng	0.00
45) 2-Fluorobiphenyl	12.628	172	1306095	47.525	ng	-0.02
79) Terphenyl-d14	19.457	244	2076725	41.005	ng	0.00

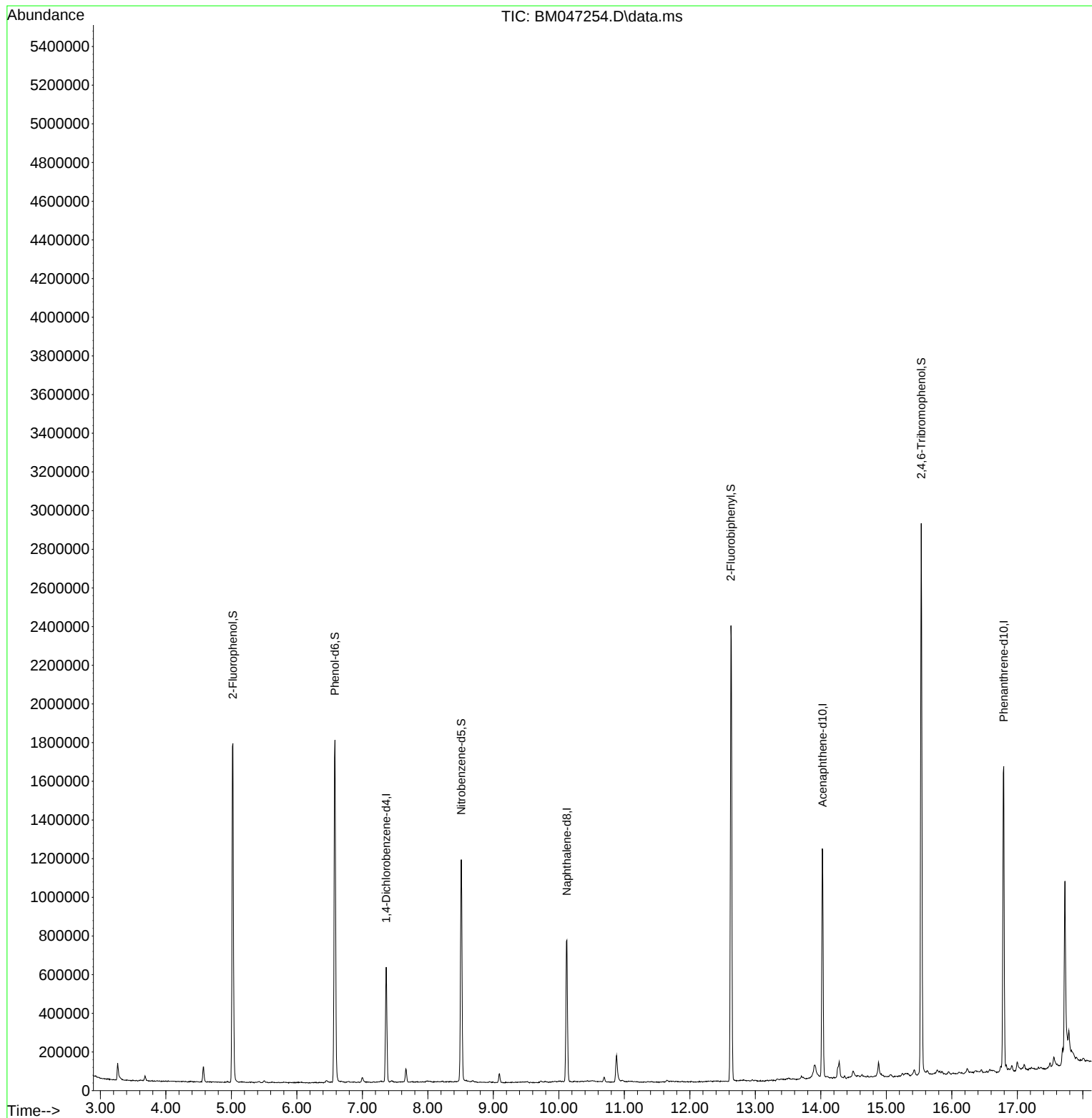
Target Compounds	Qvalue

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

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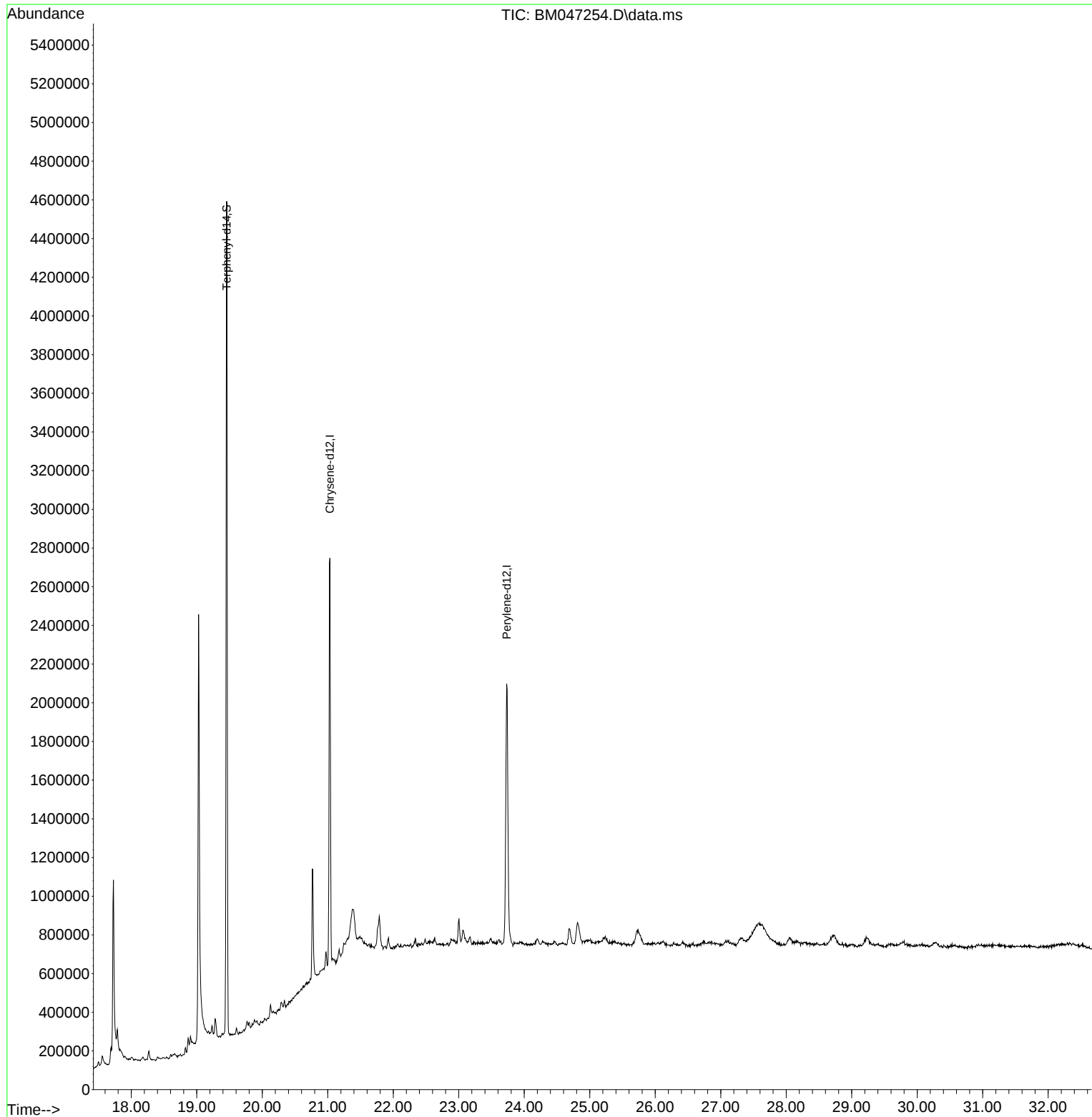
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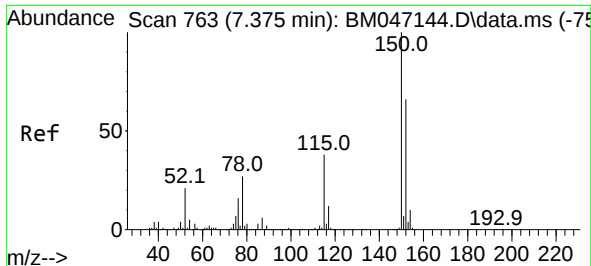


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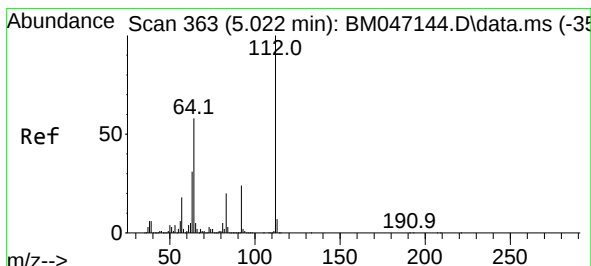
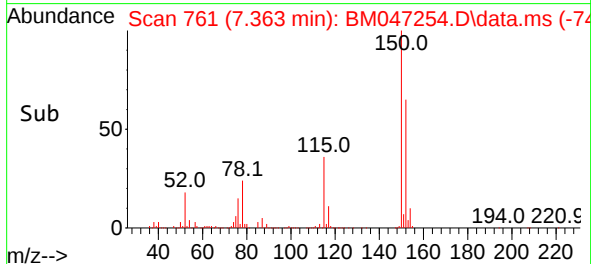
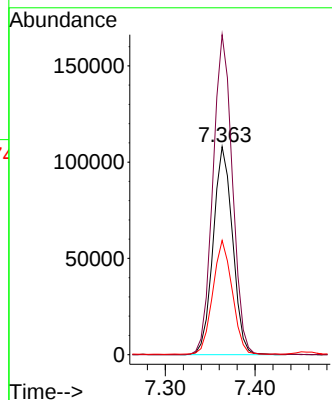
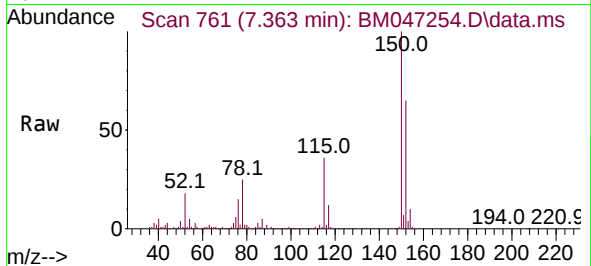




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.363 min Scan# 763
Delta R.T. -0.012 min
Lab File: BM047254.D
Acq: 19 Aug 2024 16:08

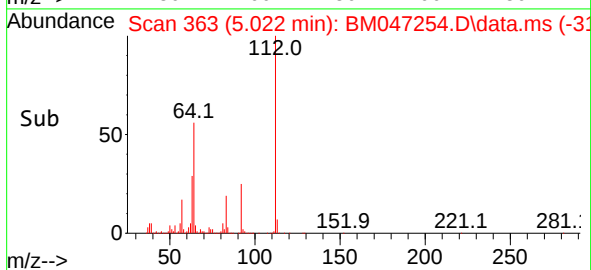
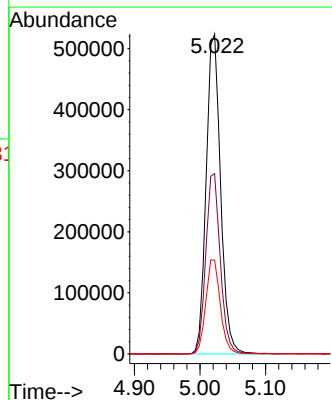
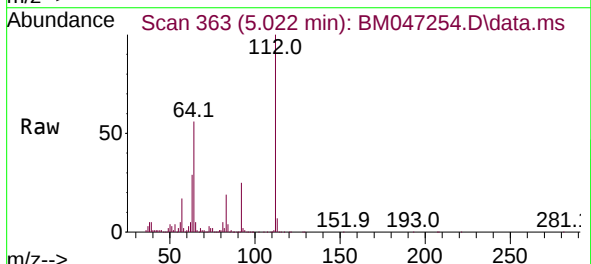
Instrument :
BNA_M
ClientSampleId :
926-K1-SD-0-0.5-081224

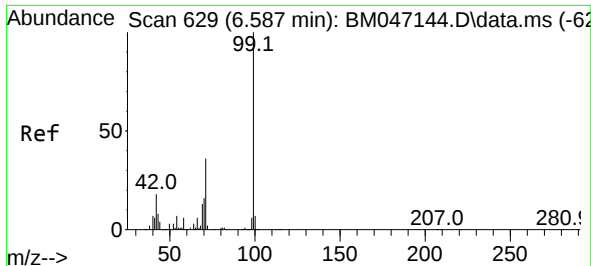
Tgt Ion:152 Resp: 162241
Ion Ratio Lower Upper
152 100
150 153.9 120.5 180.7
115 54.9 45.5 68.3



#5
2-Fluorophenol
Concen: 88.555 ng
RT: 5.022 min Scan# 363
Delta R.T. 0.000 min
Lab File: BM047254.D
Acq: 19 Aug 2024 16:08

Tgt Ion:112 Resp: 804057
Ion Ratio Lower Upper
112 100
64 56.4 46.7 70.1
63 29.4 24.8 37.2



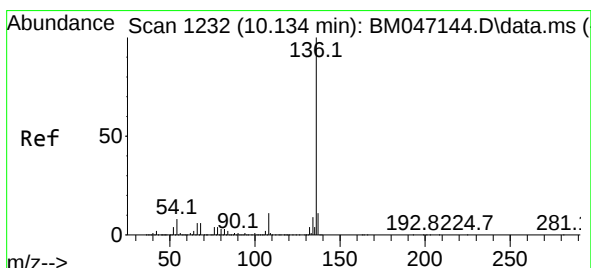
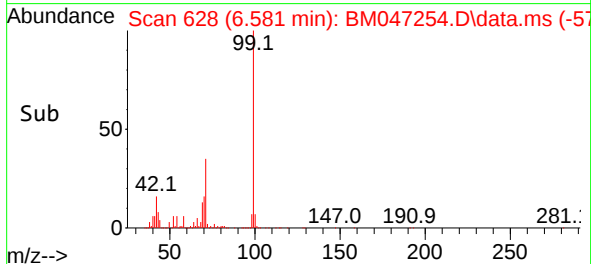
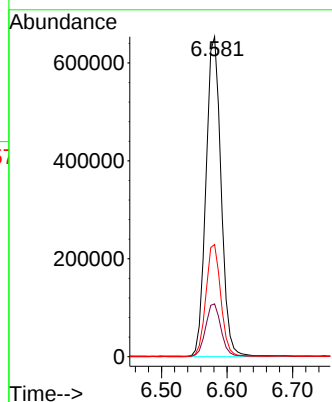
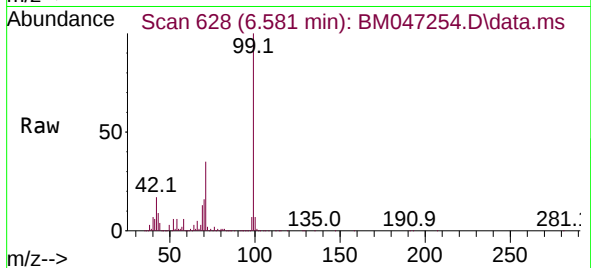


#7
Phenol-d6
Concen: 84.080 ng
RT: 6.581 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM047254.D
Acq: 19 Aug 2024 16:08

Instrument :
BNA_M
ClientSampleId :
926-K1-SD-0-0.5-081224

Tgt Ion: 99 Resp: 1051937

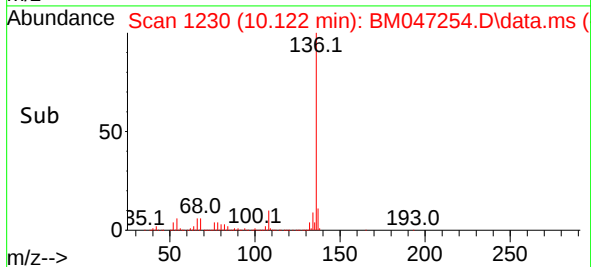
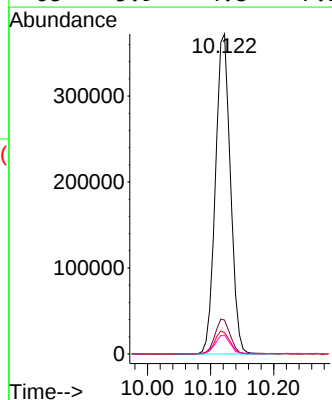
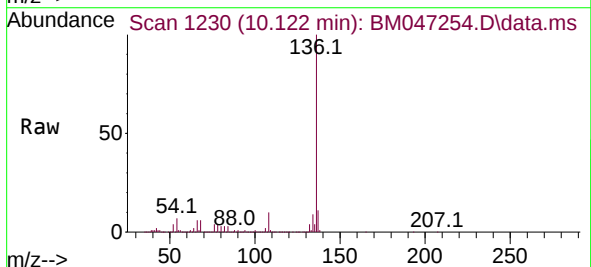
Ion	Ratio	Lower	Upper
99	100		
42	16.5	14.1	21.1
71	35.0	28.5	42.7

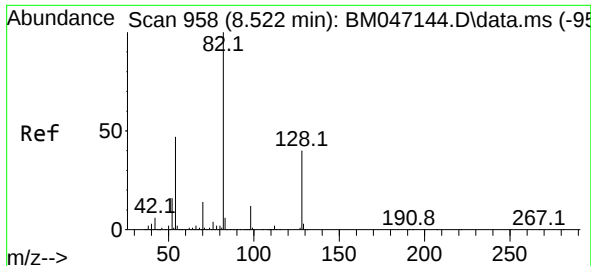


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.122 min Scan# 1230
Delta R.T. -0.012 min
Lab File: BM047254.D
Acq: 19 Aug 2024 16:08

Tgt Ion: 136 Resp: 613677

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	6.6	6.0	9.0
68	5.9	4.8	7.2

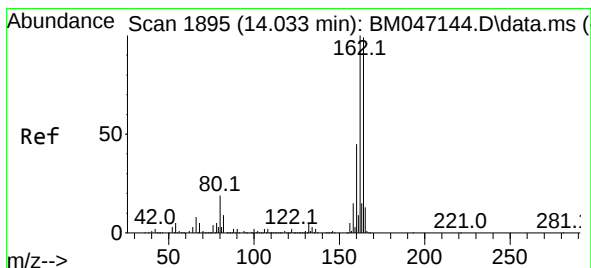
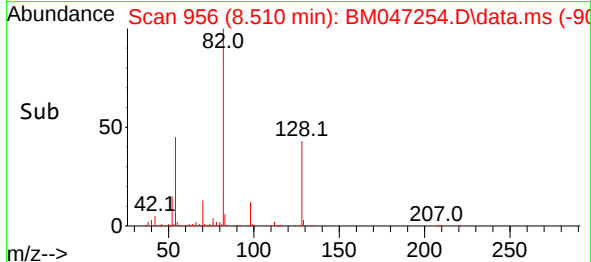
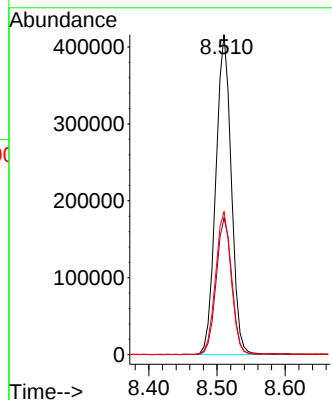
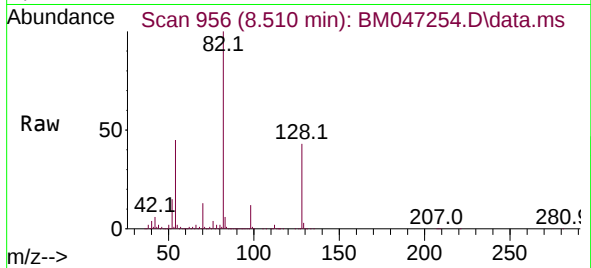




#23
Nitrobenzene-d5
Concen: 53.887 ng
RT: 8.510 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM047254.D
Acq: 19 Aug 2024 16:08

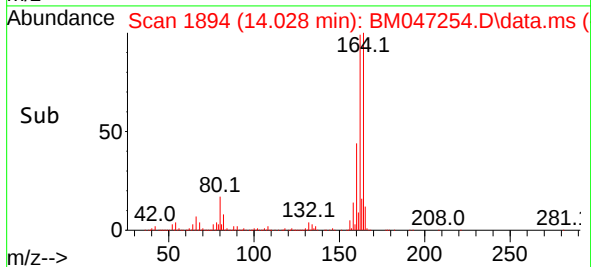
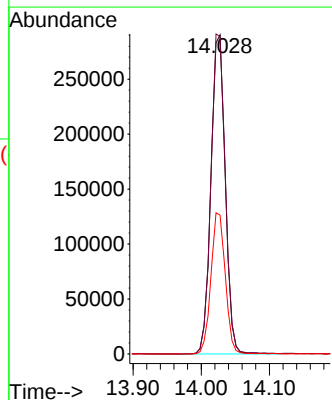
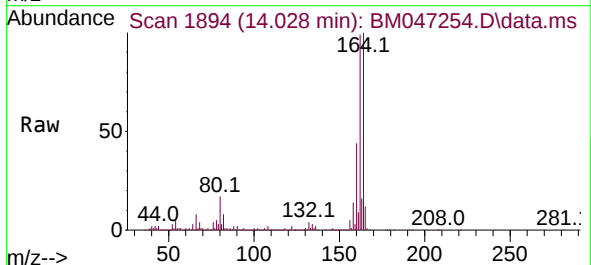
Instrument :
BNA_M
ClientSampleId :
926-K1-SD-0-0.5-081224

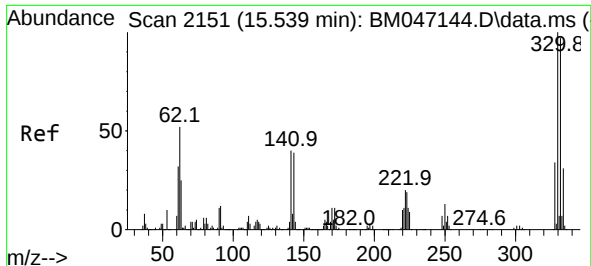
Tgt Ion: 82 Resp: 656739
Ion Ratio Lower Upper
82 100
128 42.7 32.3 48.5
54 44.6 37.4 56.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.028 min Scan# 1894
Delta R.T. -0.006 min
Lab File: BM047254.D
Acq: 19 Aug 2024 16:08

Tgt Ion:164 Resp: 423926
Ion Ratio Lower Upper
164 100
162 99.5 80.7 121.1
160 43.5 36.0 54.0

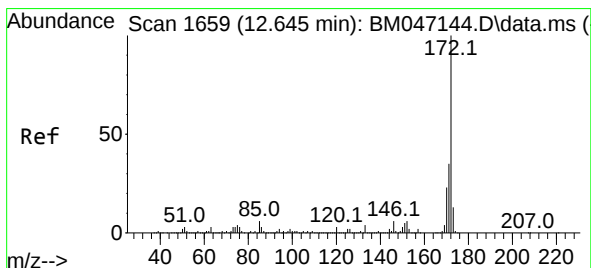
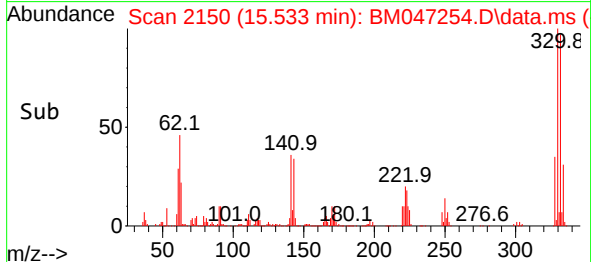
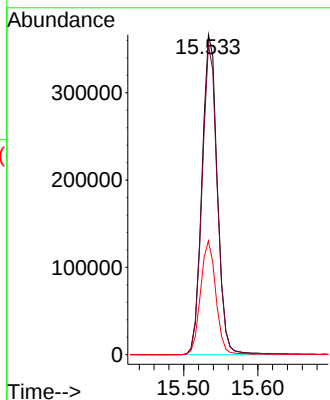
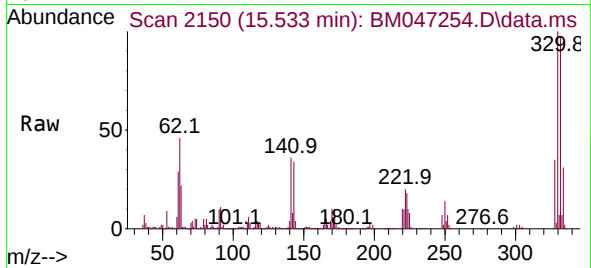




#42
2,4,6-Tribromophenol
Concen: 107.320 ng
RT: 15.533 min Scan# 2151
Delta R.T. -0.006 min
Lab File: BM047254.D
Acq: 19 Aug 2024 16:08

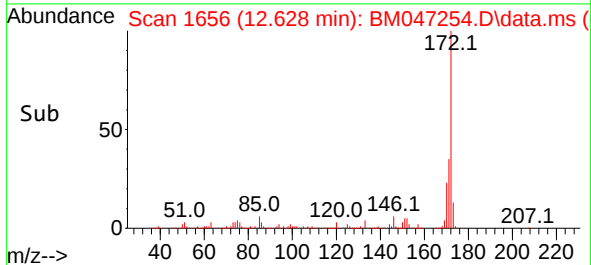
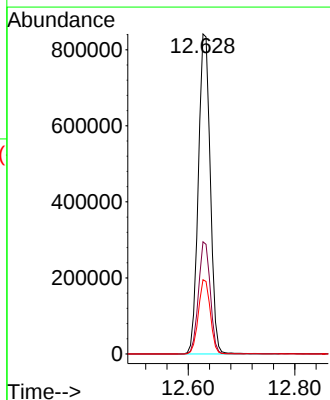
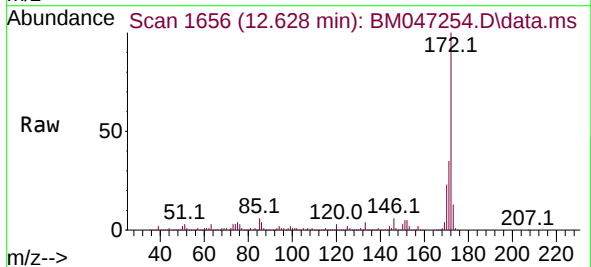
Instrument :
BNA_M
ClientSampleId :
926-K1-SD-0-0.5-081224

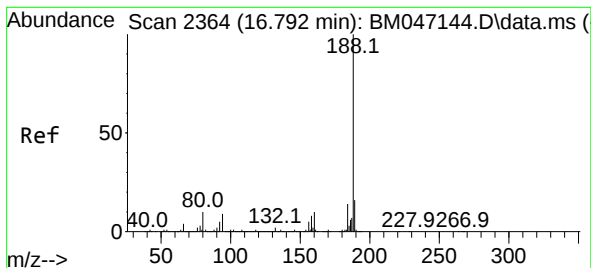
Tgt Ion:330 Resp: 527531
Ion Ratio Lower Upper
330 100
332 96.4 77.4 116.2
141 35.8 31.6 47.4



#45
2-Fluorobiphenyl
Concen: 47.525 ng
RT: 12.628 min Scan# 1656
Delta R.T. -0.017 min
Lab File: BM047254.D
Acq: 19 Aug 2024 16:08

Tgt Ion:172 Resp: 1306095
Ion Ratio Lower Upper
172 100
171 35.1 27.8 41.6
170 23.2 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.792 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM047254.D

Acq: 19 Aug 2024 16:08

Instrument :

BNA_M

ClientSampleId :

926-K1-SD-0-0.5-081224

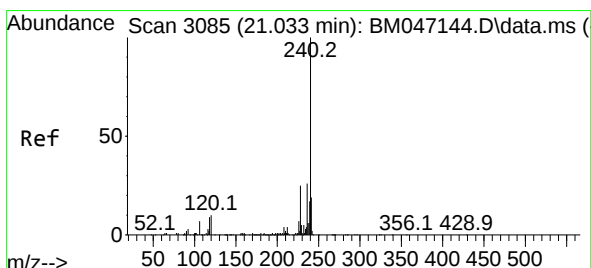
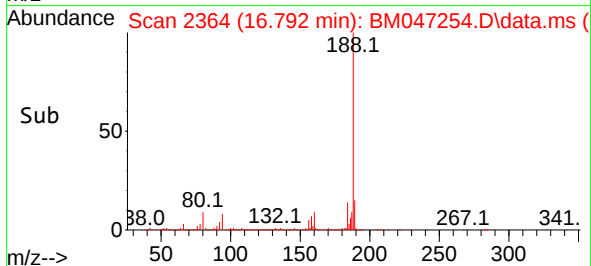
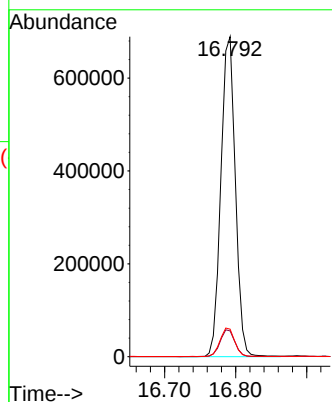
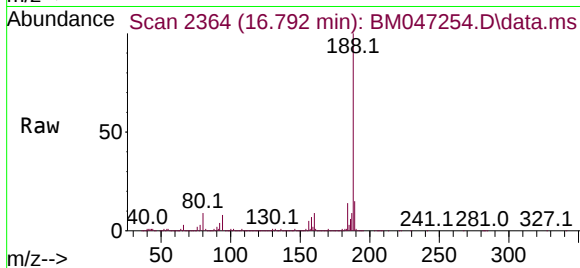
Tgt Ion:188 Resp: 970571

Ion Ratio Lower Upper

188 100

94 8.0 7.0 10.6

80 8.6 8.0 12.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.033 min Scan# 3085

Delta R.T. -0.000 min

Lab File: BM047254.D

Acq: 19 Aug 2024 16:08

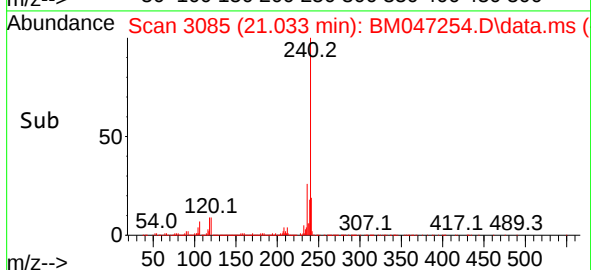
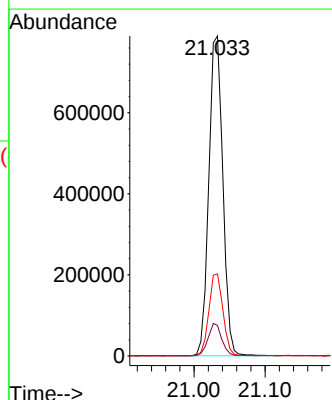
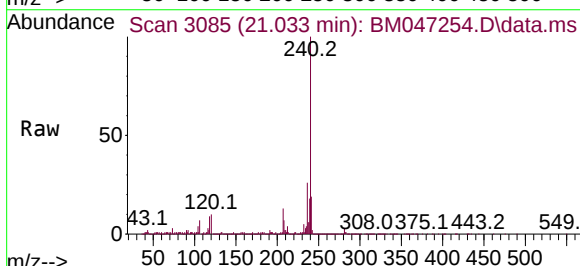
Tgt Ion:240 Resp: 1085214

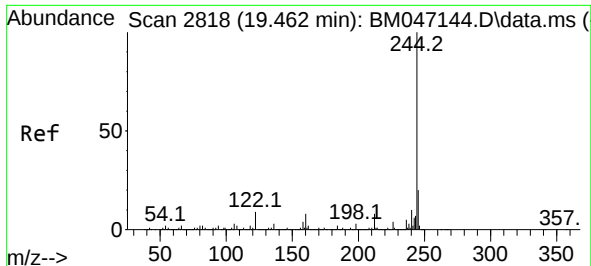
Ion Ratio Lower Upper

240 100

120 9.6 8.2 12.2

236 25.6 20.6 30.8

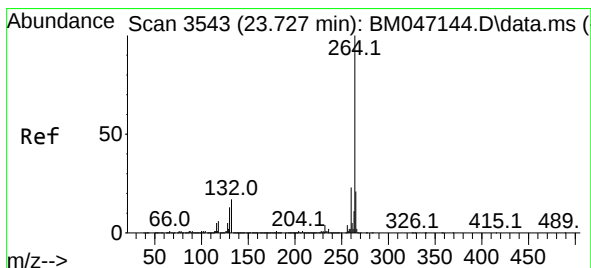
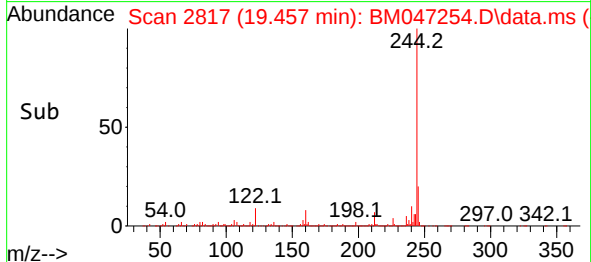
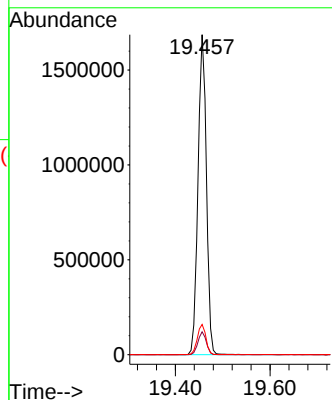
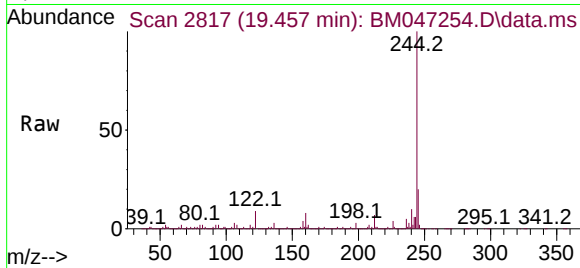




#79
Terphenyl-d14
Concen: 41.005 ng
RT: 19.457 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM047254.D
Acq: 19 Aug 2024 16:08

Instrument :
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ClientSampleId :
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Tgt Ion:244 Resp: 2076725
Ion Ratio Lower Upper
244 100
212 7.1 6.2 9.4
122 9.5 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: BM047254.D
Acq: 19 Aug 2024 16:08

Tgt Ion:264 Resp: 1209314
Ion Ratio Lower Upper
264 100
260 22.7 18.5 27.7
265 21.6 17.3 25.9

