

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082124\
 Data File : BM047299.D
 Acq On : 21 Aug 2024 15:46
 Operator : RC/JU
 Sample : P3580-02RE
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Aug 21 16:35:24 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)

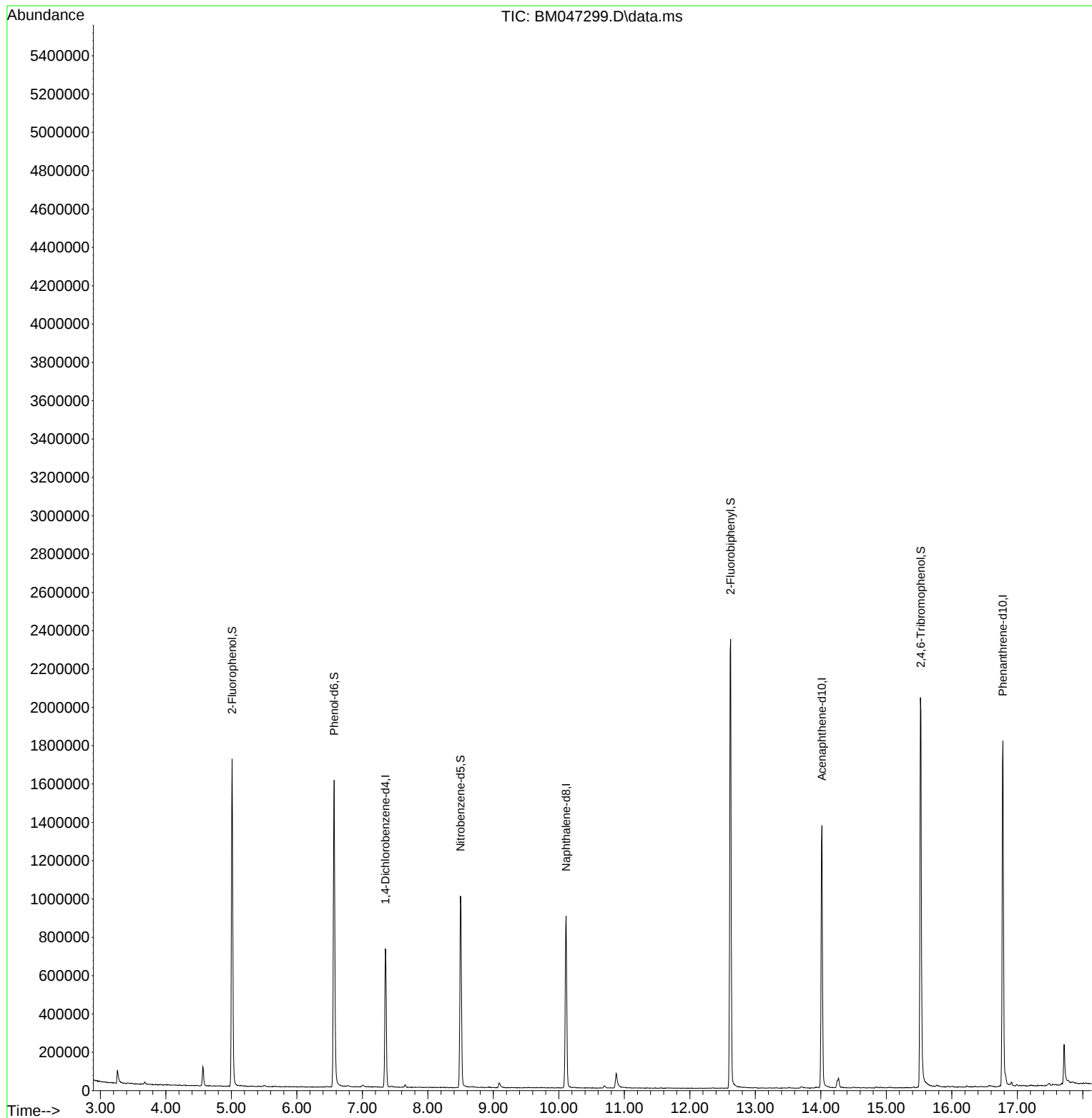
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.351	152	204851	20.000	ng	-0.02
21) Naphthalene-d8	10.110	136	743095	20.000	ng	-0.02
39) Acenaphthene-d10	14.016	164	499984	20.000	ng	-0.02
64) Phenanthrene-d10	16.780	188	1120896	20.000	ng	-0.01
76) Chrysene-d12	21.021	240	1167271	20.000	ng	-0.01
86) Perylene-d12	23.715	264	1179592	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.010	112	748119	65.256	ng	-0.01
7) Phenol-d6	6.569	99	949160	60.085	ng	-0.02
23) Nitrobenzene-d5	8.498	82	606764	41.115	ng	-0.02
42) 2,4,6-Tribromophenol	15.527	330	428929	73.986	ng	-0.01
45) 2-Fluorobiphenyl	12.622	172	1307169	40.328	ng	-0.02
79) Terphenyl-d14	19.445	244	2173235	39.894	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.516	77	560	Below Cal	Qvalue #	49

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

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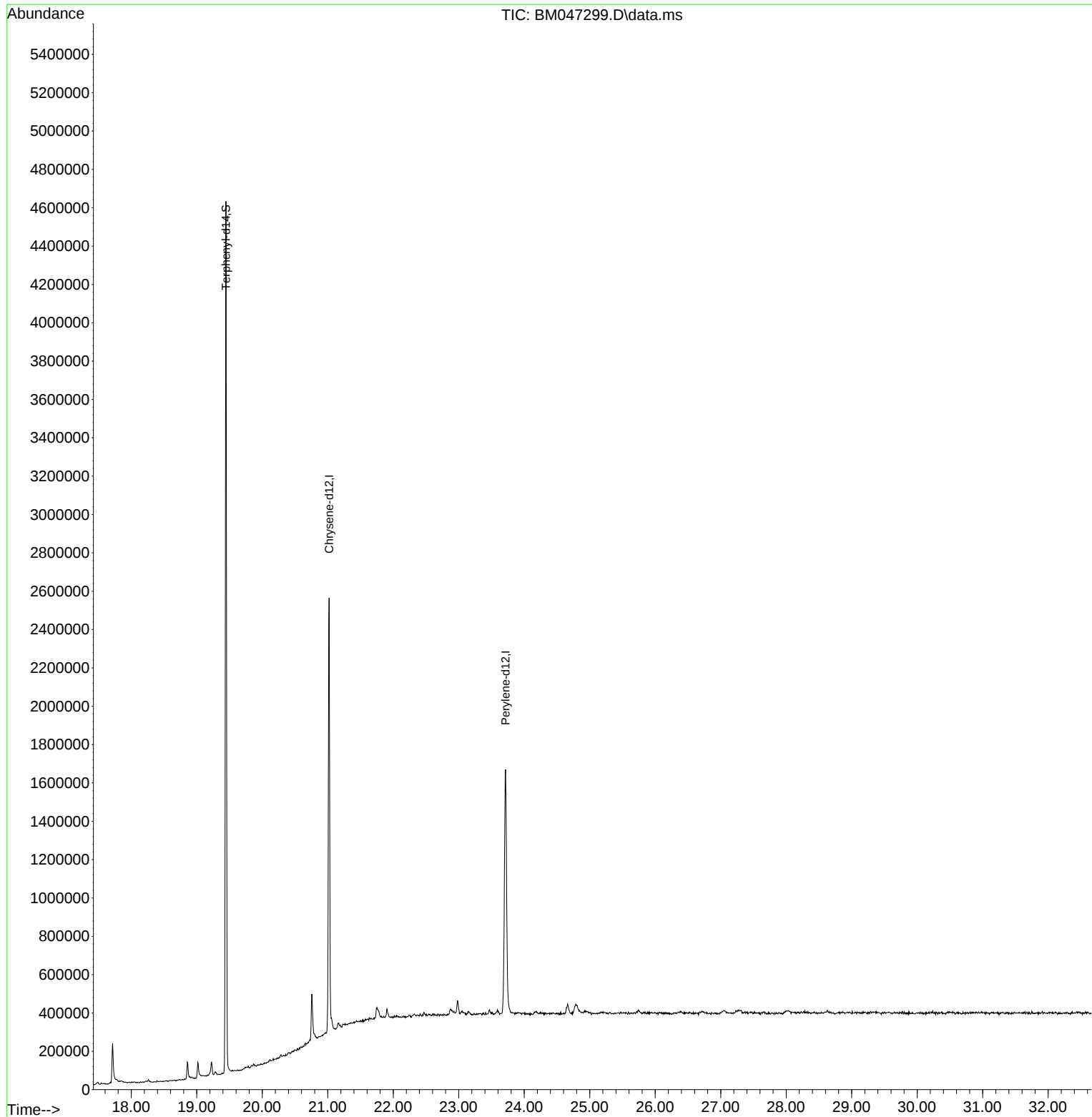
Quant Time: Aug 21 16:35:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
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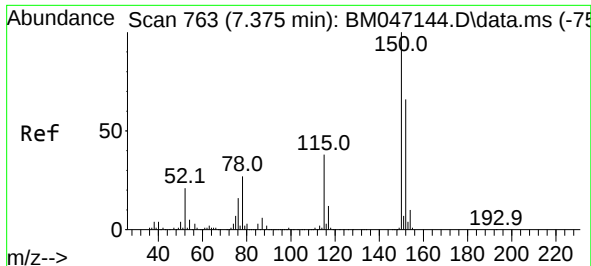


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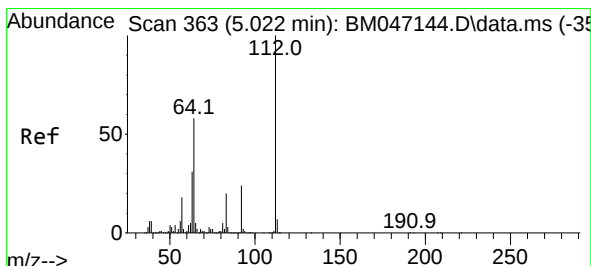
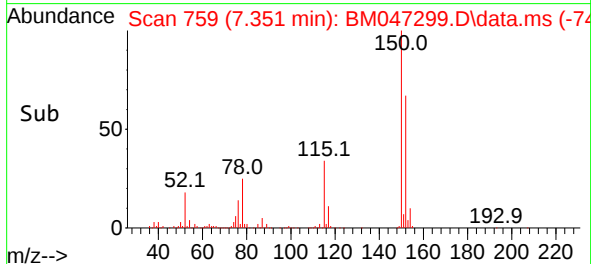
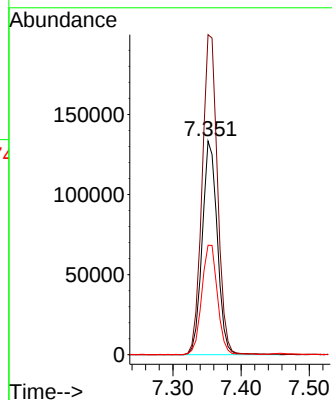
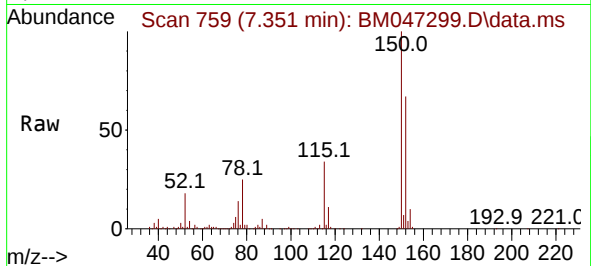




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.351 min Scan# 71
Delta R.T. -0.024 min
Lab File: BM047299.D
Acq: 21 Aug 2024 15:46

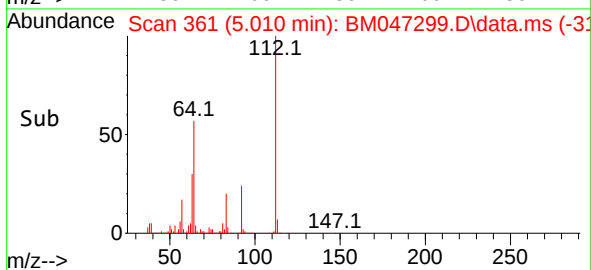
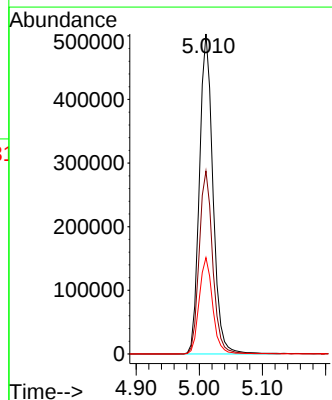
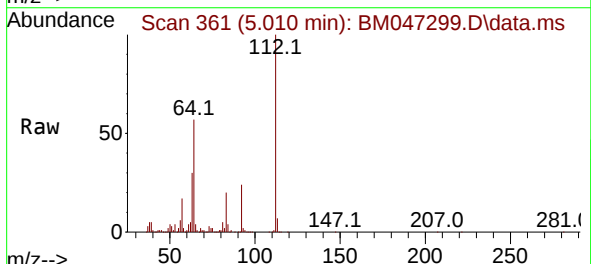
Instrument :
BNA_M
ClientSampleId :
926-K1-SD-0.5-1-081224

Tgt Ion:152 Resp: 204851
Ion Ratio Lower Upper
152 100
150 149.8 120.5 180.7
115 51.2 45.5 68.3



#5
2-Fluorophenol
Concen: 65.256 ng
RT: 5.010 min Scan# 361
Delta R.T. -0.012 min
Lab File: BM047299.D
Acq: 21 Aug 2024 15:46

Tgt Ion:112 Resp: 748119
Ion Ratio Lower Upper
112 100
64 57.2 46.7 70.1
63 30.1 24.8 37.2

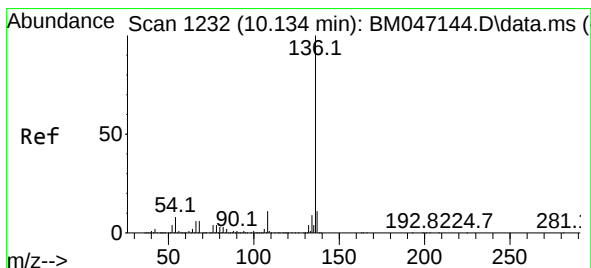
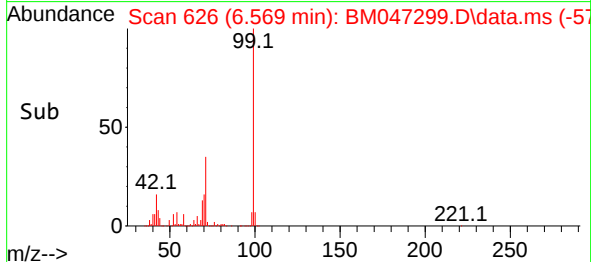
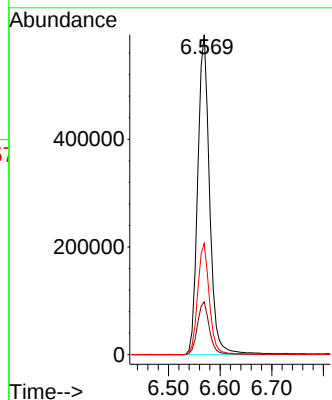
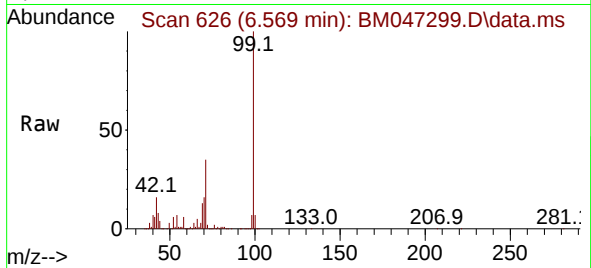




#7
Phenol-d6
Concen: 60.085 ng
RT: 6.569 min Scan# 61
Delta R.T. -0.018 min
Lab File: BM047299.D
Acq: 21 Aug 2024 15:46

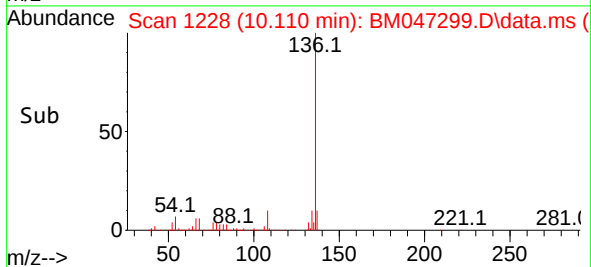
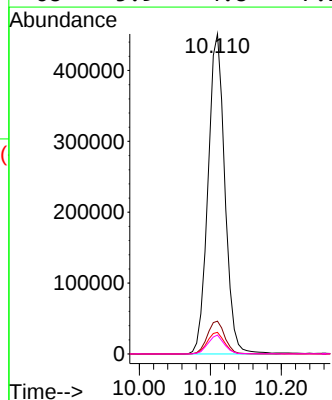
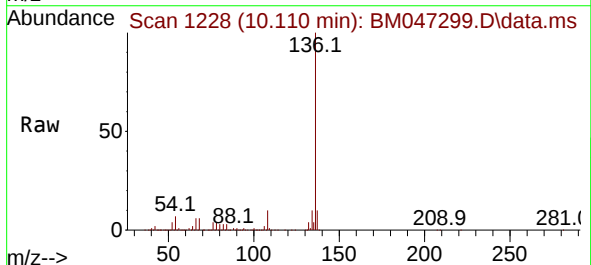
Instrument :
BNA_M
ClientSampleId :
926-K1-SD-0.5-1-081224

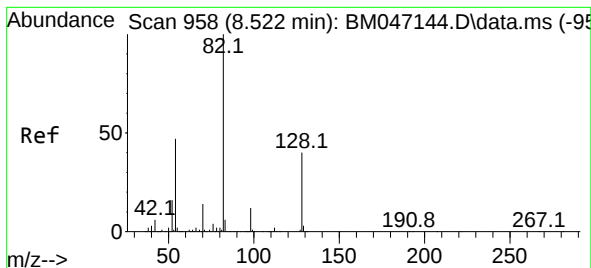
Tgt Ion: 99 Resp: 949160
Ion Ratio Lower Upper
99 100
42 16.5 14.1 21.1
71 34.8 28.5 42.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.110 min Scan# 1228
Delta R.T. -0.024 min
Lab File: BM047299.D
Acq: 21 Aug 2024 15:46

Tgt Ion: 136 Resp: 743095
Ion Ratio Lower Upper
136 100
137 10.3 8.8 13.2
54 6.8 6.0 9.0
68 5.9 4.8 7.2





#23

Nitrobenzene-d5

Concen: 41.115 ng

RT: 8.498 min Scan# 91

Delta R.T. -0.024 min

Lab File: BM047299.D

Acq: 21 Aug 2024 15:46

Instrument :

BNA_M

ClientSampleId :

926-K1-SD-0.5-1-081224

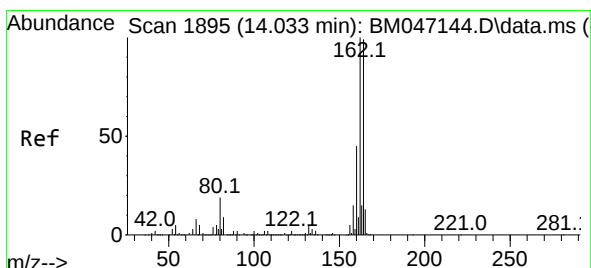
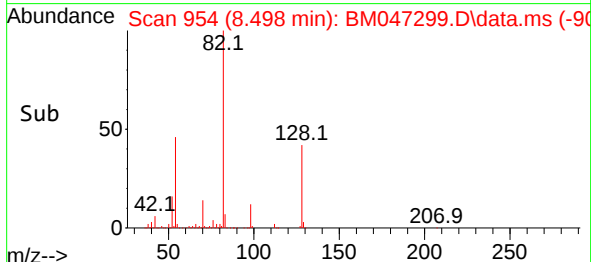
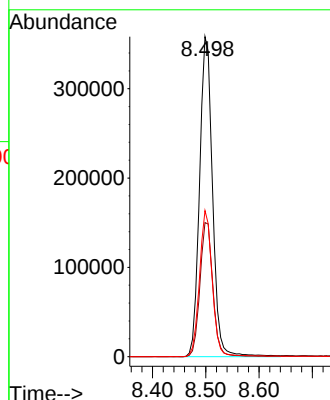
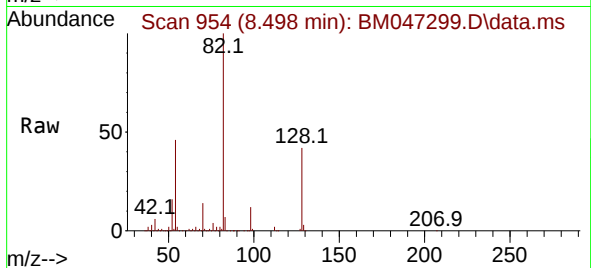
Tgt Ion: 82 Resp: 606764

Ion Ratio Lower Upper

82 100

128 41.9 32.3 48.5

54 45.7 37.4 56.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.016 min Scan# 1892

Delta R.T. -0.018 min

Lab File: BM047299.D

Acq: 21 Aug 2024 15:46

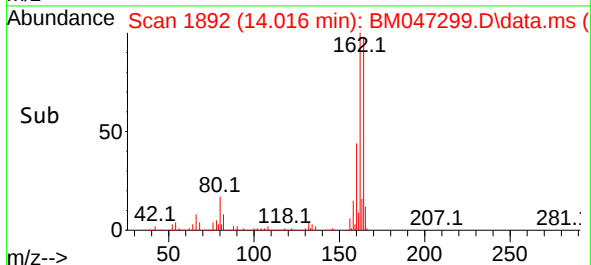
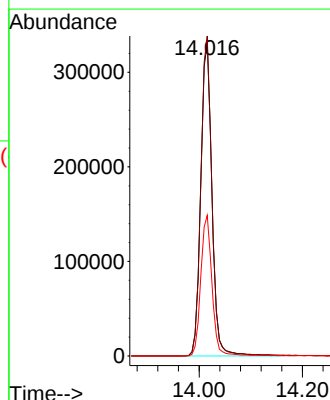
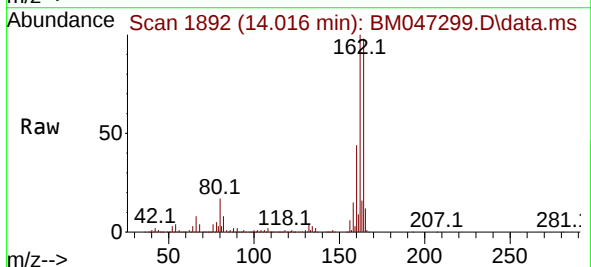
Tgt Ion: 164 Resp: 499984

Ion Ratio Lower Upper

164 100

162 102.1 80.7 121.1

160 44.9 36.0 54.0

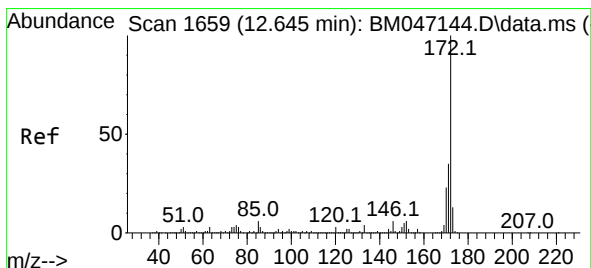
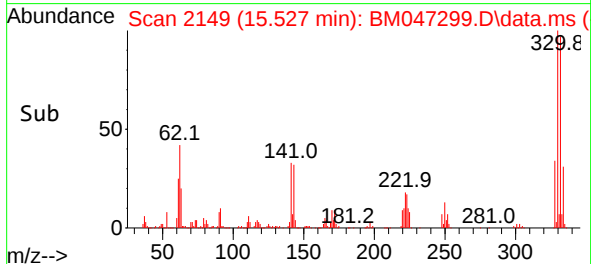
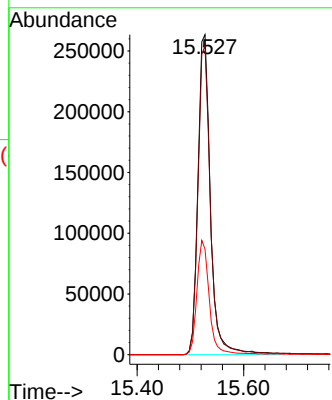
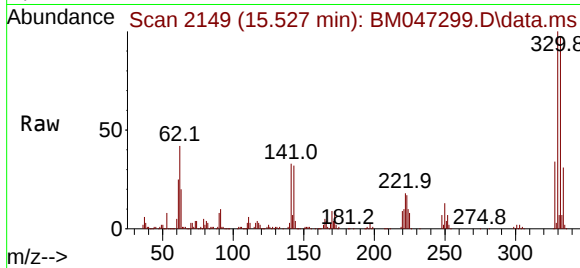




#42
2,4,6-Tribromophenol
Concen: 73.986 ng
RT: 15.527 min Scan# 2151
Delta R.T. -0.012 min
Lab File: BM047299.D
Acq: 21 Aug 2024 15:46

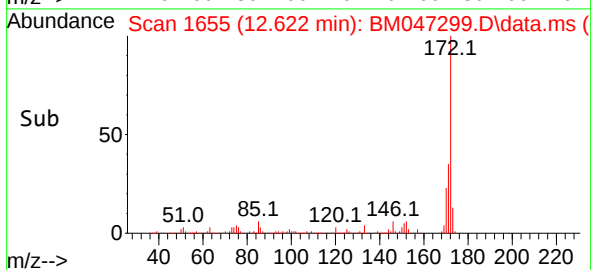
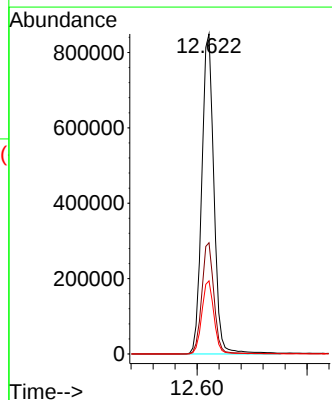
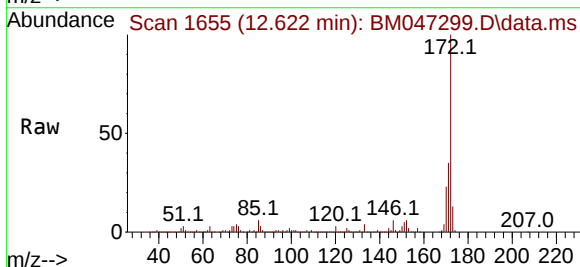
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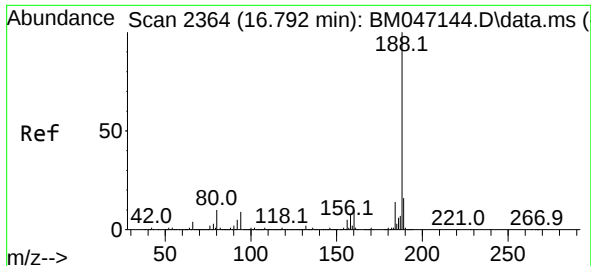
Tgt Ion:330 Resp: 428929
Ion Ratio Lower Upper
330 100
332 97.6 77.4 116.2
141 35.6 31.6 47.4



#45
2-Fluorobiphenyl
Concen: 40.328 ng
RT: 12.622 min Scan# 1655
Delta R.T. -0.023 min
Lab File: BM047299.D
Acq: 21 Aug 2024 15:46

Tgt Ion:172 Resp: 1307169
Ion Ratio Lower Upper
172 100
171 34.8 27.8 41.6
170 22.9 18.7 28.1

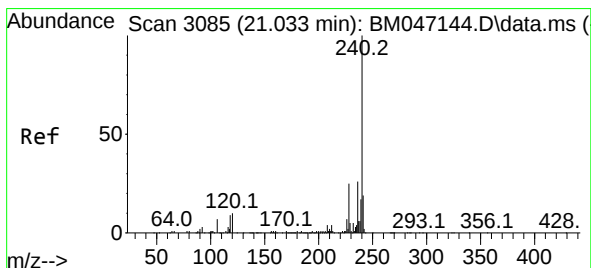
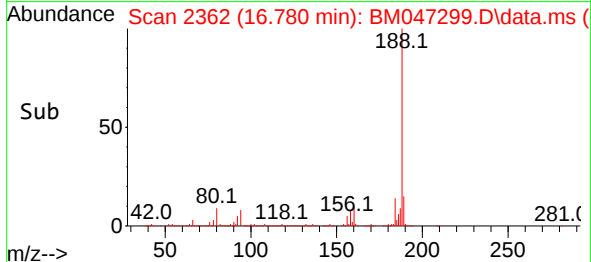
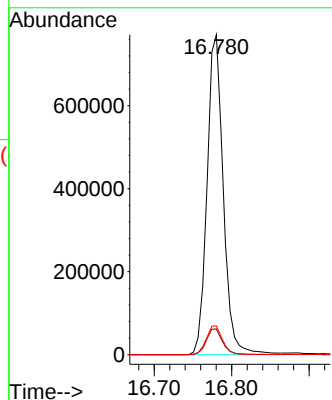
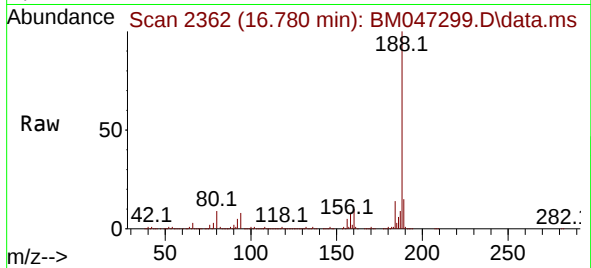




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.780 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM047299.D
Acq: 21 Aug 2024 15:46

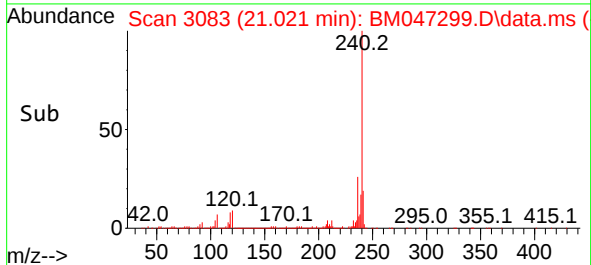
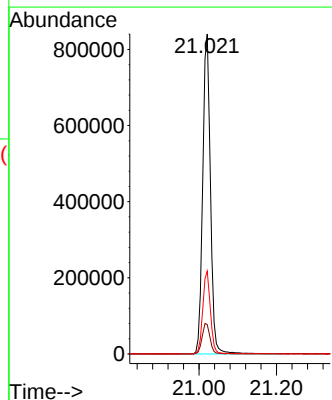
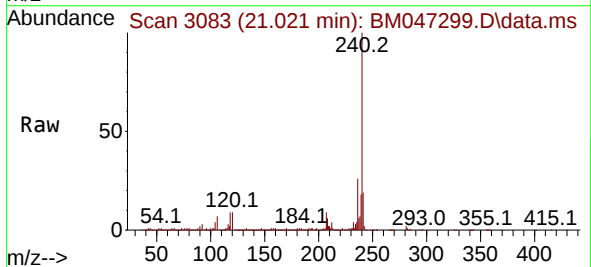
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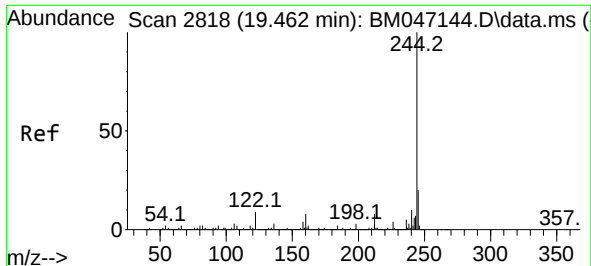
Tgt Ion:188 Resp: 1120896
Ion Ratio Lower Upper
188 100
94 8.1 7.0 10.6
80 9.0 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.021 min Scan# 3083
Delta R.T. -0.012 min
Lab File: BM047299.D
Acq: 21 Aug 2024 15:46

Tgt Ion:240 Resp: 1167271
Ion Ratio Lower Upper
240 100
120 9.2 8.2 12.2
236 25.9 20.6 30.8

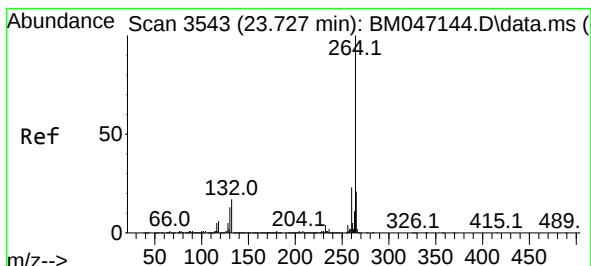
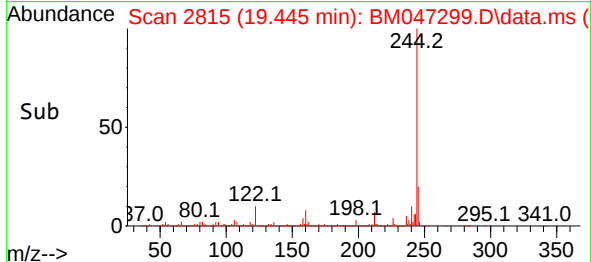
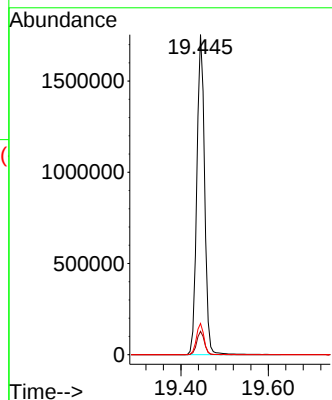
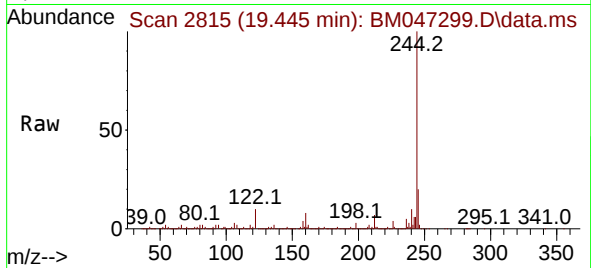




#79
 Terphenyl-d14
 Concen: 39.894 ng
 RT: 19.445 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BM047299.D
 Acq: 21 Aug 2024 15:46

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

Tgt Ion:244 Resp: 2173235
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.2 9.4
 122 9.7 7.1 10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.715 min Scan# 3541
 Delta R.T. -0.012 min
 Lab File: BM047299.D
 Acq: 21 Aug 2024 15:46

Tgt Ion:264 Resp: 1179592
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.5 27.7
 265 21.8 17.3 25.9

