

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082324\
 Data File : BM047336.D
 Acq On : 23 Aug 2024 16:48
 Operator : RC/JU
 Sample : P3694-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 Kingsland-Driveway

Quant Time: Aug 23 17:28:11 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)

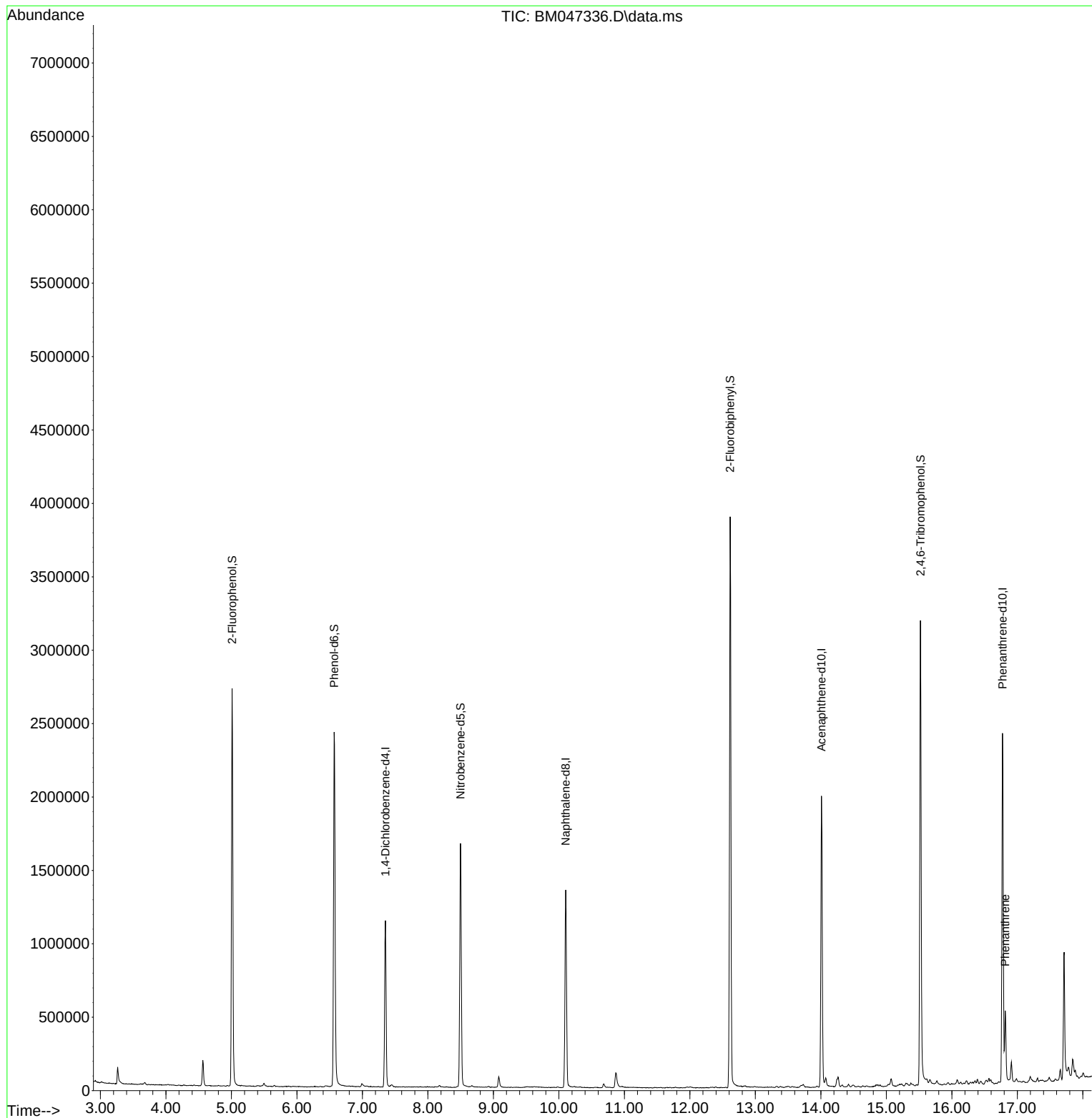
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.351	152	313177	20.000	ng	-0.02
21) Naphthalene-d8	10.104	136	1131631	20.000	ng	-0.03
39) Acenaphthene-d10	14.010	164	728289	20.000	ng	-0.02
64) Phenanthrene-d10	16.774	188	1478729	20.000	ng	-0.02
76) Chrysene-d12	21.015	240	1073976	20.000	ng	-0.02
86) Perylene-d12	23.709	264	1091778	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.010	112	1183662	67.534	ng	-0.01
7) Phenol-d6	6.569	99	1499716	62.099	ng	-0.02
23) Nitrobenzene-d5	8.498	82	979914	43.602	ng	-0.02
42) 2,4,6-Tribromophenol	15.521	330	629953	74.598	ng	-0.02
45) 2-Fluorobiphenyl	12.616	172	2135627	45.233	ng	-0.03
79) Terphenyl-d14	19.445	244	2941472	58.687	ng	-0.02
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.534	77	1274	Below Cal	#	74
71) Phenanthrene	16.815	178	292918	3.947	ng	98
75) Fluoranthene	18.851	202	450521	4.991	ng	99
78) Pyrene	19.221	202	373864	4.875	ng	98
81) Benzo(a)anthracene	20.997	228	180489	2.532	ng	95
83) Chrysene	21.056	228	167620	2.478	ng	96
84) Bis(2-ethylhexyl)phtha...	20.956	149	114946	2.590	ng	# 99
88) Benzo(b)fluoranthene	22.868	252	189432	2.922	ng	97
89) Benzo(k)fluoranthene	22.868	252	189432	3.093	ng	97
90) Benzo(a)pyrene	23.580	252	126096	2.245	ng	94

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

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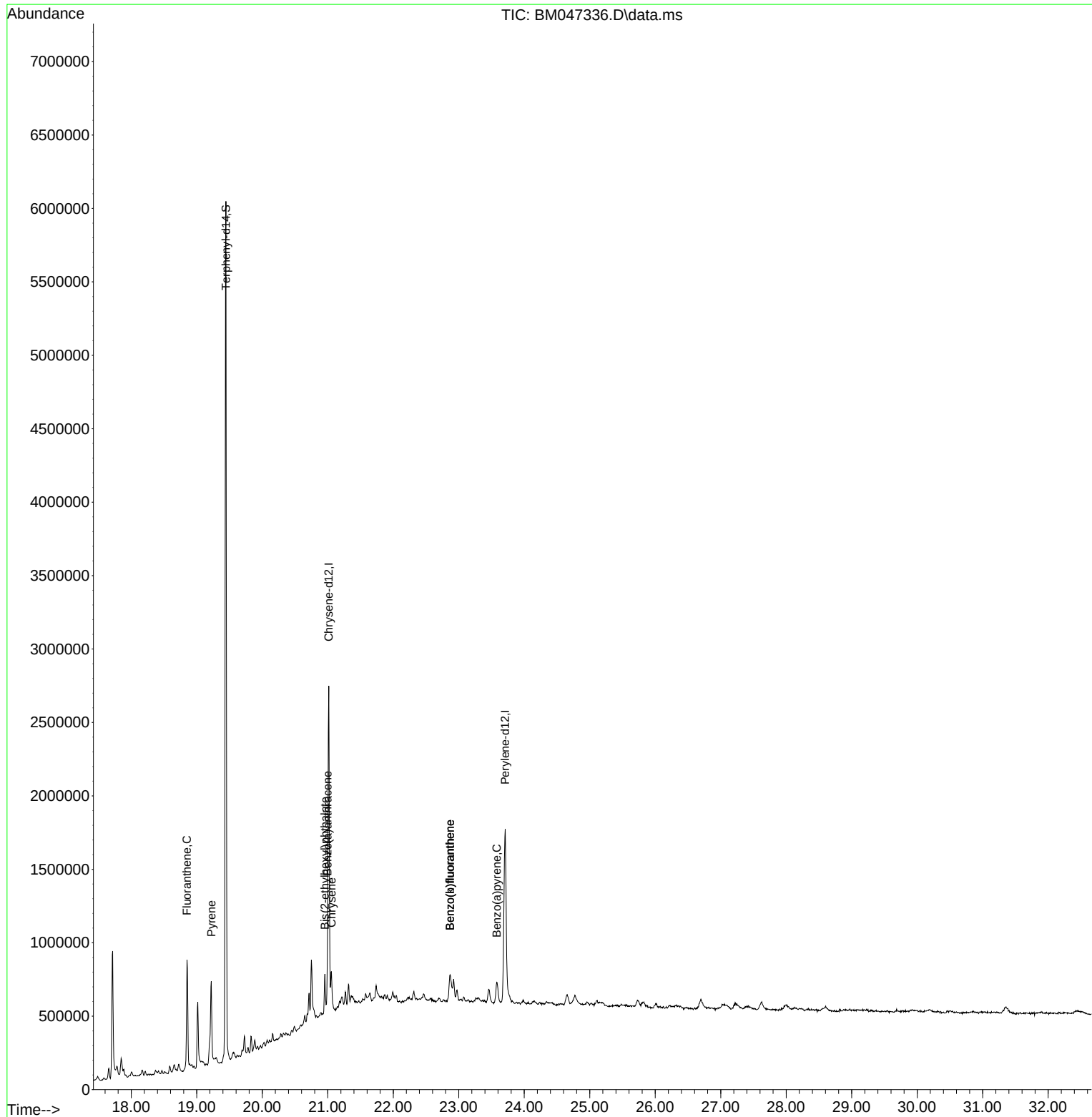
Quant Time: Aug 23 17:28:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Aug 11 23:47:58 2024
Response via : Initial Calibration

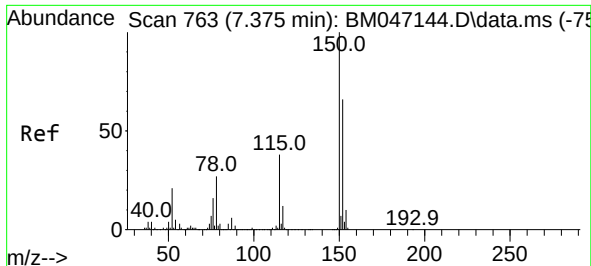


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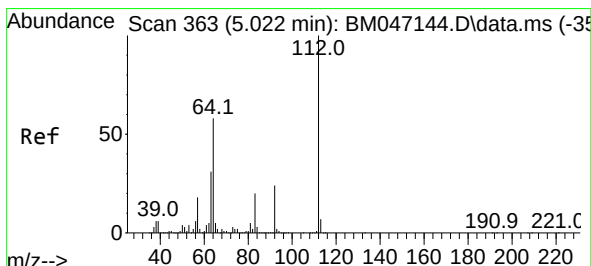
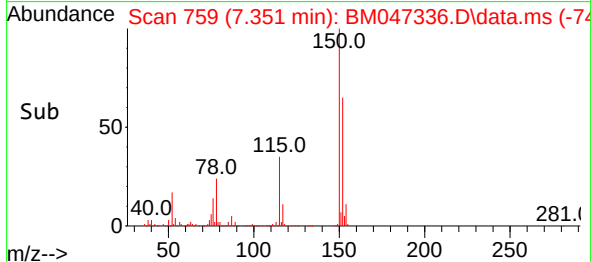
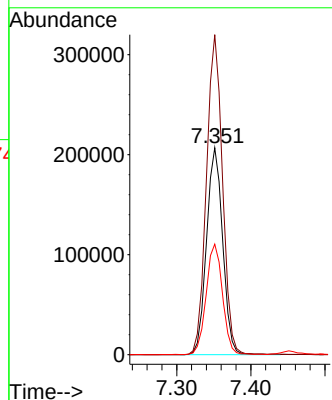
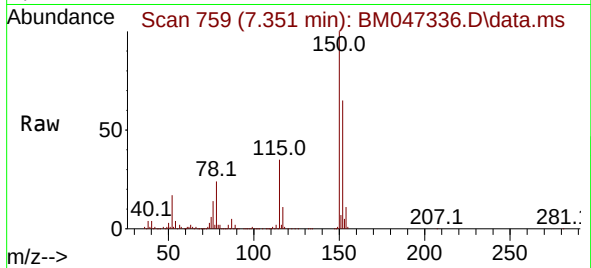




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.351 min Scan# 763
Delta R.T. -0.024 min
Lab File: BM047336.D
Acq: 23 Aug 2024 16:48

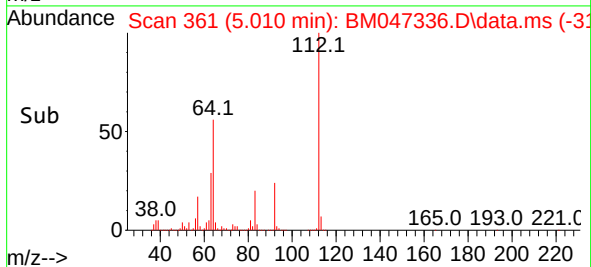
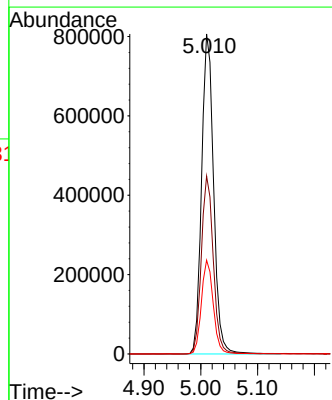
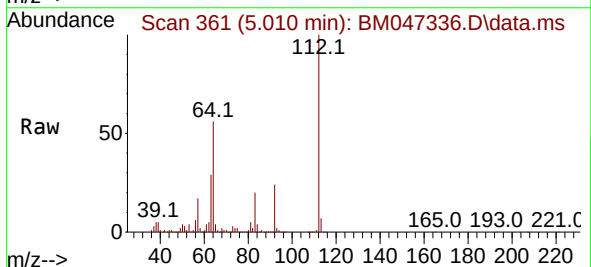
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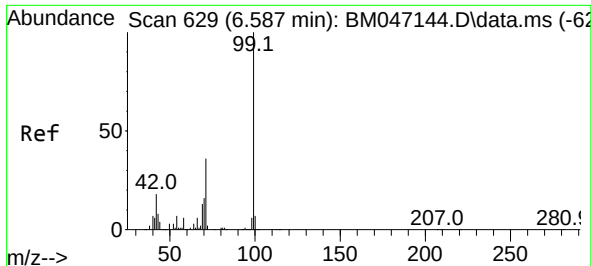
Tgt Ion:152 Resp: 313177
Ion Ratio Lower Upper
152 100
150 154.7 120.5 180.7
115 53.5 45.5 68.3



#5
2-Fluorophenol
Concen: 67.534 ng
RT: 5.010 min Scan# 361
Delta R.T. -0.012 min
Lab File: BM047336.D
Acq: 23 Aug 2024 16:48

Tgt Ion:112 Resp: 1183662
Ion Ratio Lower Upper
112 100
64 55.6 46.7 70.1
63 29.3 24.8 37.2

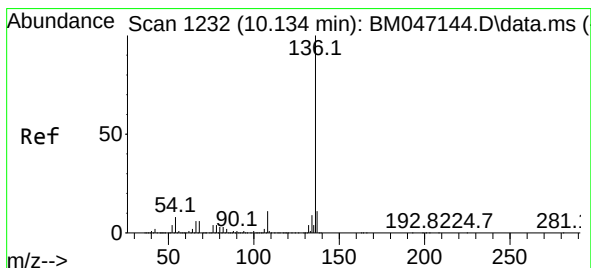
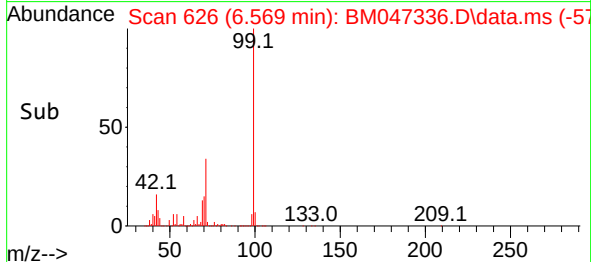
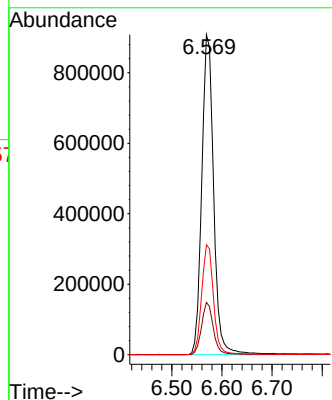
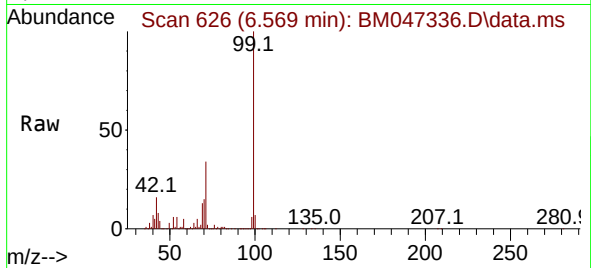




#7
Phenol-d6
Concen: 62.099 ng
RT: 6.569 min Scan# 61
Delta R.T. -0.018 min
Lab File: BM047336.D
Acq: 23 Aug 2024 16:48

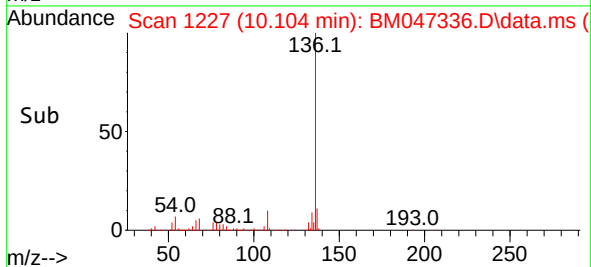
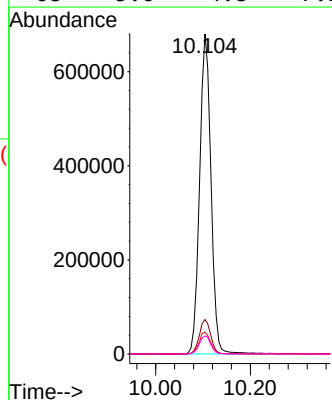
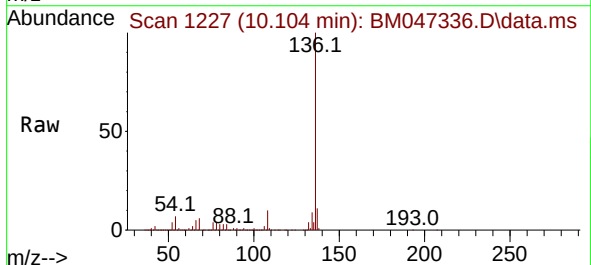
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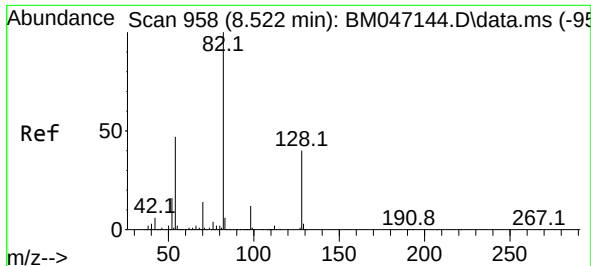
Tgt Ion: 99 Resp: 1499716
Ion Ratio Lower Upper
99 100
42 16.3 14.1 21.1
71 34.4 28.5 42.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.104 min Scan# 1227
Delta R.T. -0.030 min
Lab File: BM047336.D
Acq: 23 Aug 2024 16:48

Tgt Ion: 136 Resp: 1131631
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 6.7 6.0 9.0
68 5.6 4.8 7.2

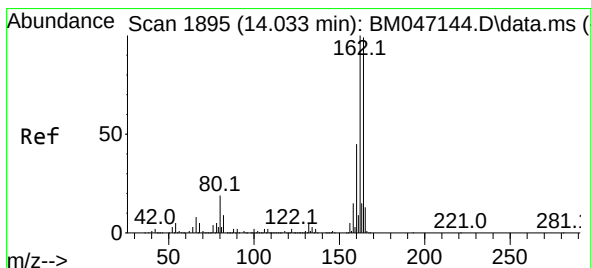
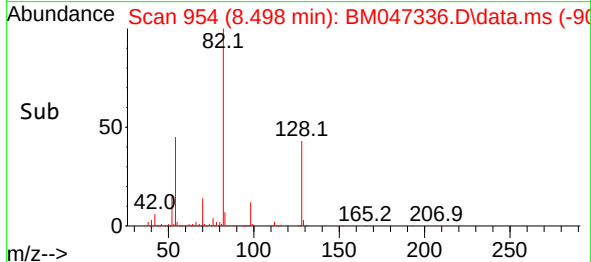
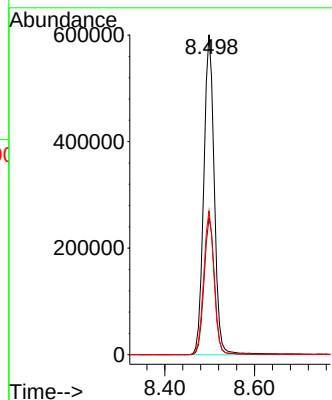
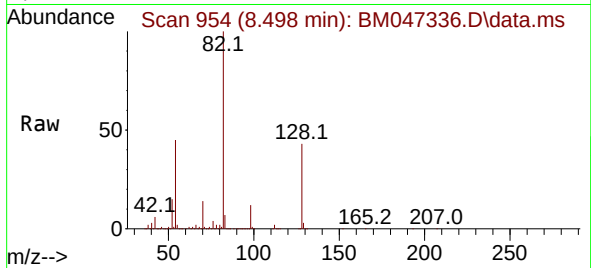




#23
Nitrobenzene-d5
Concen: 43.602 ng
RT: 8.498 min Scan# 91
Delta R.T. -0.024 min
Lab File: BM047336.D
Acq: 23 Aug 2024 16:48

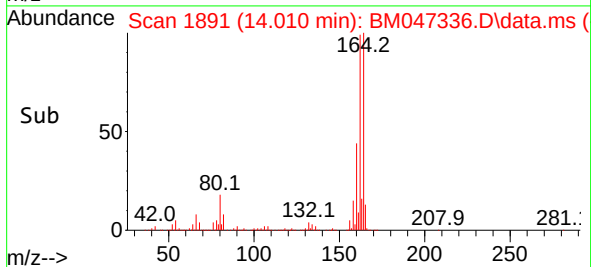
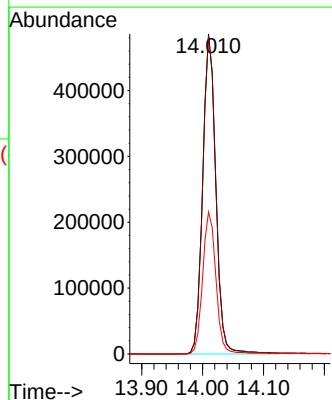
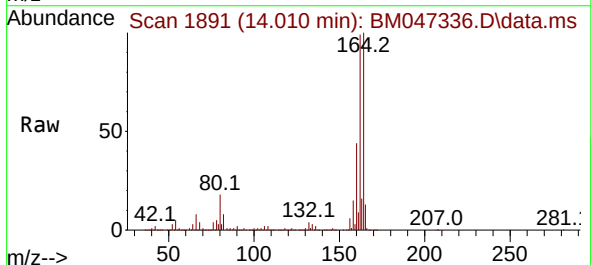
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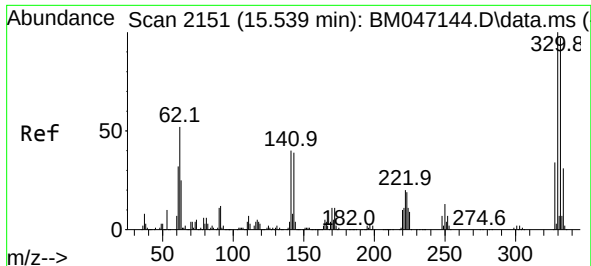
Tgt Ion: 82 Resp: 979914
Ion Ratio Lower Upper
82 100
128 42.7 32.3 48.5
54 44.9 37.4 56.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.010 min Scan# 1891
Delta R.T. -0.024 min
Lab File: BM047336.D
Acq: 23 Aug 2024 16:48

Tgt Ion: 164 Resp: 728289
Ion Ratio Lower Upper
164 100
162 99.4 80.7 121.1
160 44.3 36.0 54.0

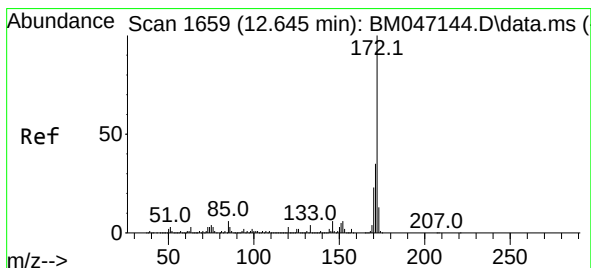
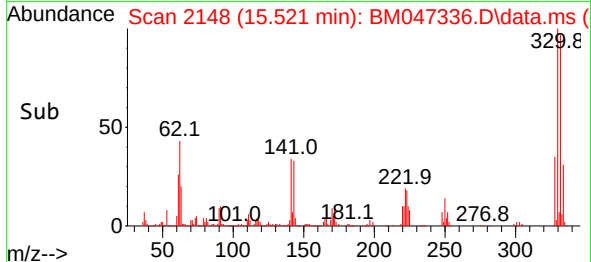
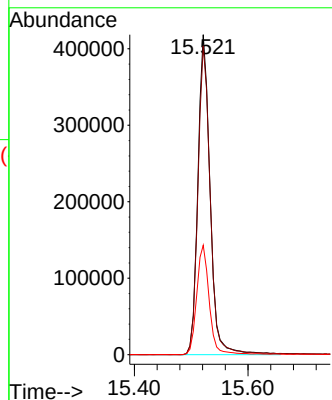
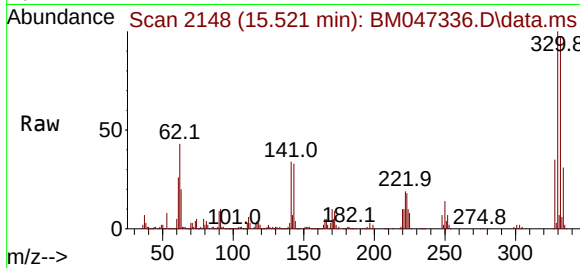




#42
2,4,6-Tribromophenol
Concen: 74.598 ng
RT: 15.521 min Scan# 2151
Delta R.T. -0.018 min
Lab File: BM047336.D
Acq: 23 Aug 2024 16:48

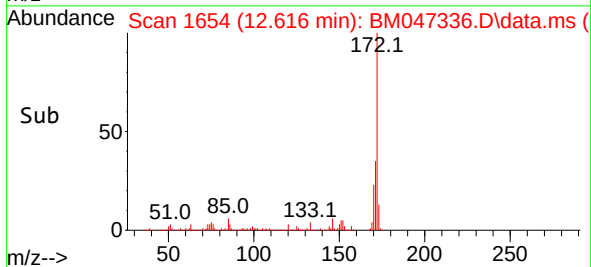
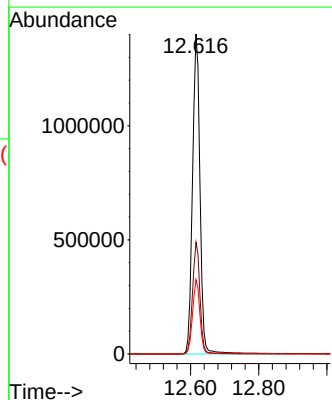
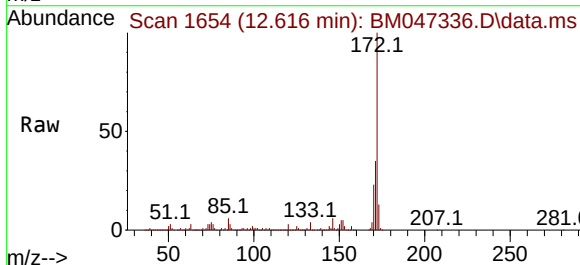
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Kingsland-Driveway

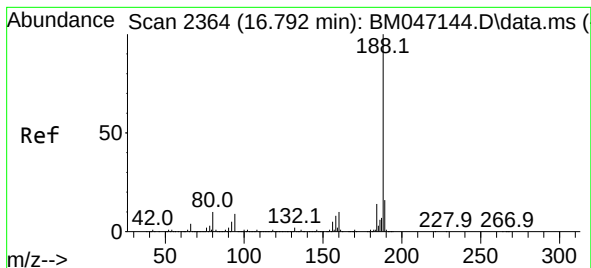
Tgt Ion:330 Resp: 629953
Ion Ratio Lower Upper
330 100
332 98.1 77.4 116.2
141 35.1 31.6 47.4



#45
2-Fluorobiphenyl
Concen: 45.233 ng
RT: 12.616 min Scan# 1654
Delta R.T. -0.029 min
Lab File: BM047336.D
Acq: 23 Aug 2024 16:48

Tgt Ion:172 Resp: 2135627
Ion Ratio Lower Upper
172 100
171 34.9 27.8 41.6
170 23.2 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.774 min Scan# 21

Delta R.T. -0.018 min

Lab File: BM047336.D

Acq: 23 Aug 2024 16:48

Instrument :

BNA_M

ClientSampleId :

Kingsland-Driveway

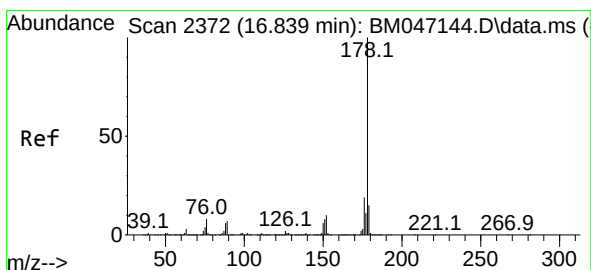
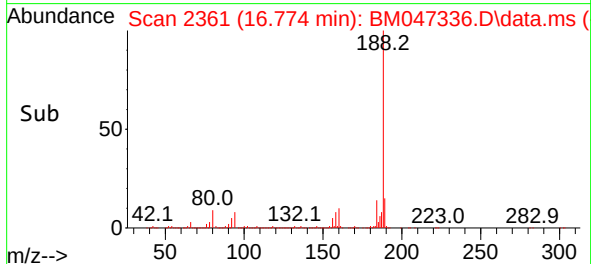
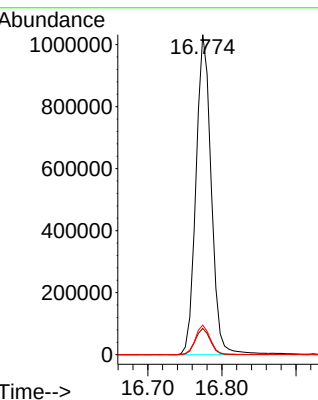
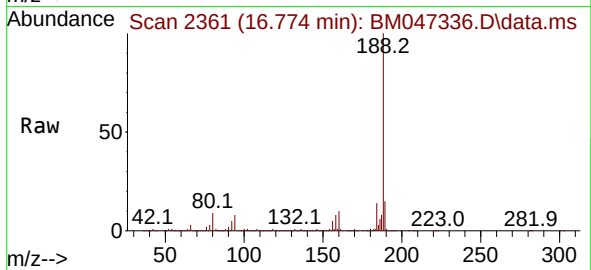
Tgt Ion:188 Resp: 1478729

Ion Ratio Lower Upper

188 100

94 8.2 7.0 10.6

80 9.3 8.0 12.0



#71

Phenanthrene

Concen: 3.947 ng

RT: 16.815 min Scan# 2368

Delta R.T. -0.024 min

Lab File: BM047336.D

Acq: 23 Aug 2024 16:48

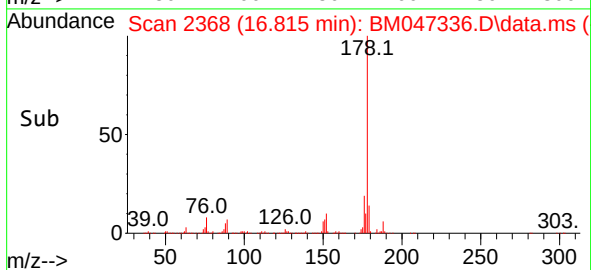
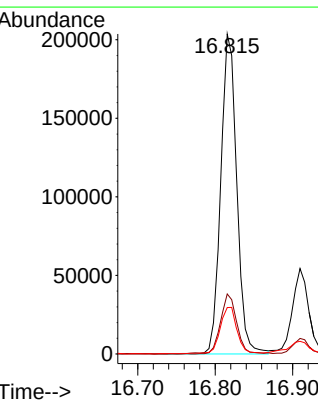
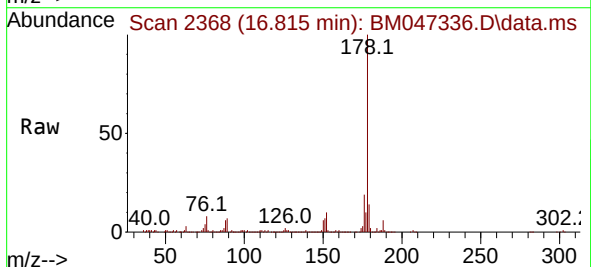
Tgt Ion:178 Resp: 292918

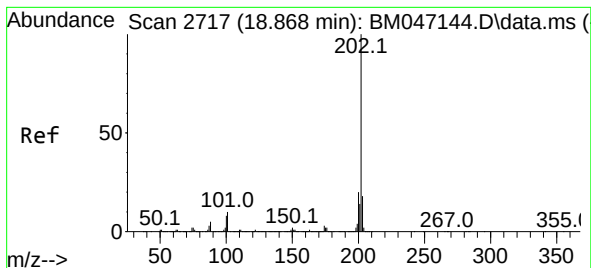
Ion Ratio Lower Upper

178 100

176 18.7 15.3 22.9

179 14.5 12.4 18.6

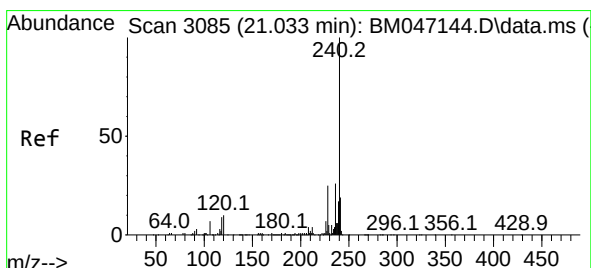
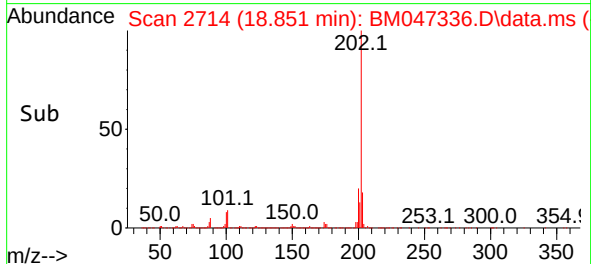
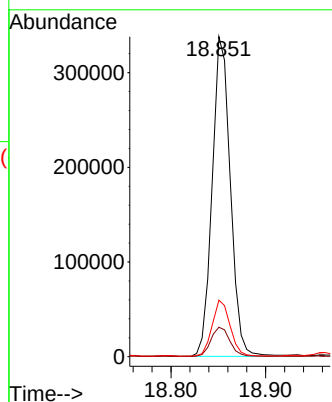
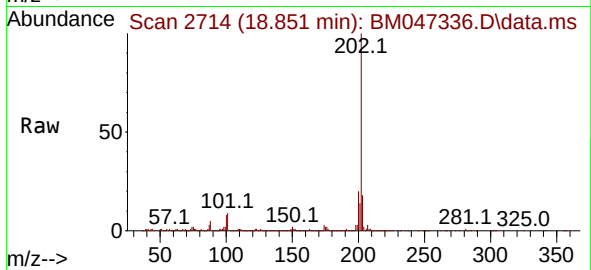




#75
Fluoranthene
Concen: 4.991 ng
RT: 18.851 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM047336.D
Acq: 23 Aug 2024 16:48

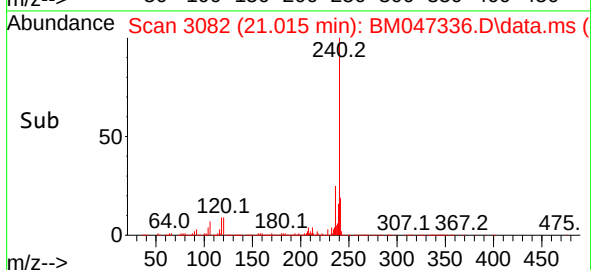
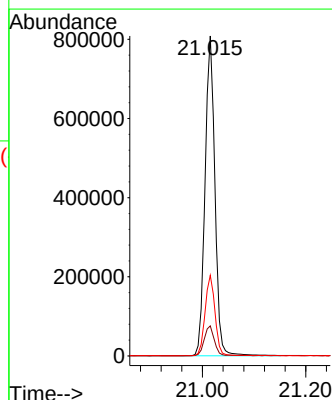
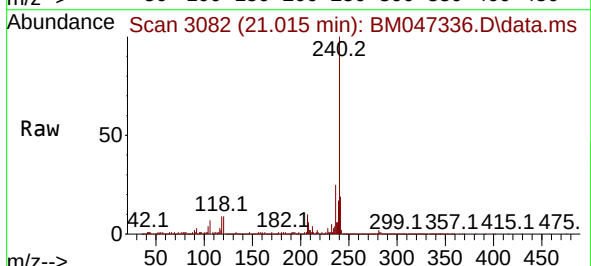
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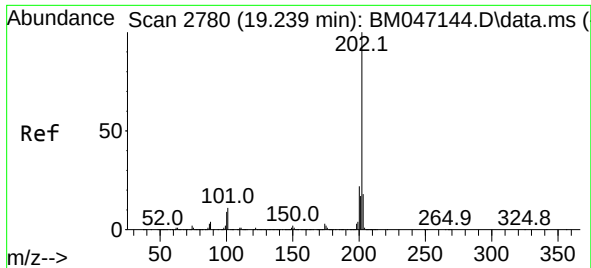
Tgt Ion:202 Resp: 450521
Ion Ratio Lower Upper
202 100
101 9.2 0.0 30.2
203 17.6 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.015 min Scan# 3082
Delta R.T. -0.018 min
Lab File: BM047336.D
Acq: 23 Aug 2024 16:48

Tgt Ion:240 Resp: 1073976
Ion Ratio Lower Upper
240 100
120 9.4 8.2 12.2
236 25.2 20.6 30.8

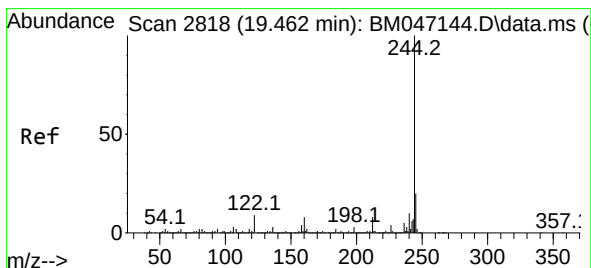
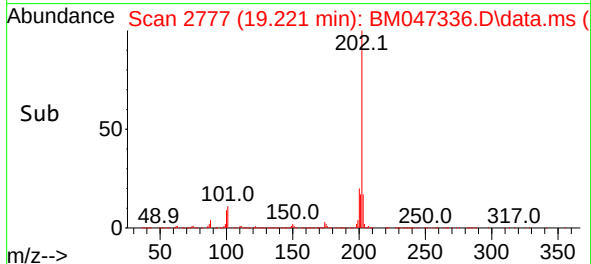
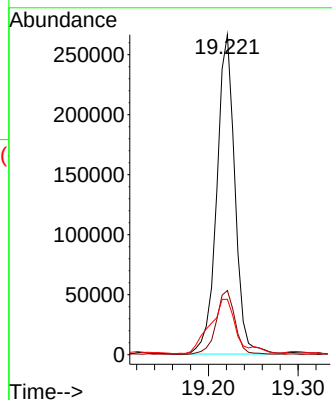
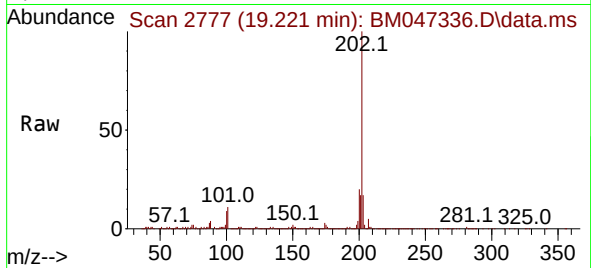




#78
Pyrene
Concen: 4.875 ng
RT: 19.221 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM047336.D
Acq: 23 Aug 2024 16:48

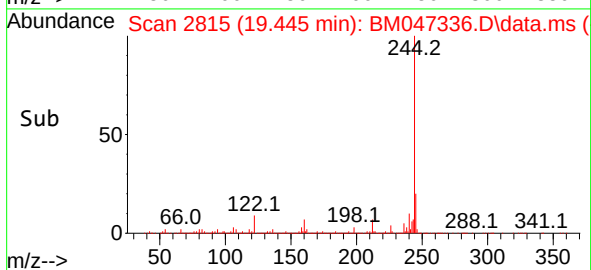
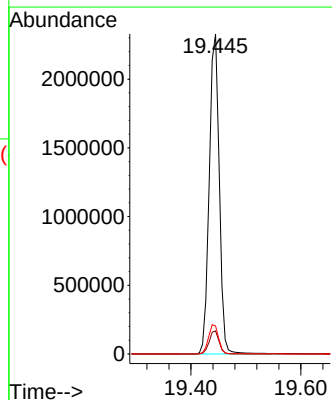
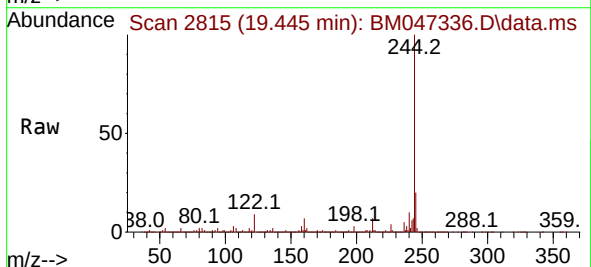
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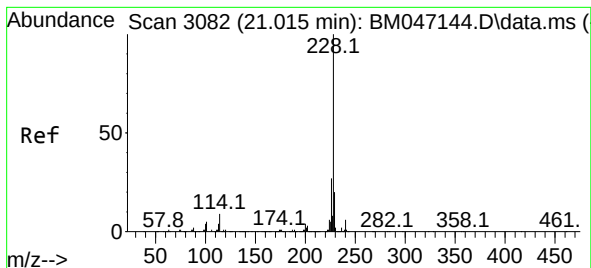
Tgt Ion:202 Resp: 373864
Ion Ratio Lower Upper
202 100
200 20.0 17.2 25.8
203 17.3 14.2 21.2



#79
Terphenyl-d14
Concen: 58.687 ng
RT: 19.445 min Scan# 2815
Delta R.T. -0.018 min
Lab File: BM047336.D
Acq: 23 Aug 2024 16:48

Tgt Ion:244 Resp: 2941472
Ion Ratio Lower Upper
244 100
212 7.2 6.2 9.4
122 8.7 7.1 10.7





#81

Benzo(a)anthracene

Concen: 2.532 ng

RT: 20.997 min Scan# 3082

Delta R.T. -0.018 min

Lab File: BM047336.D

Acq: 23 Aug 2024 16:48

Instrument :

BNA_M

ClientSampleId :

Kingsland-Driveway

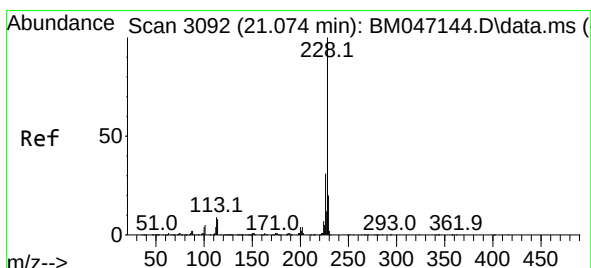
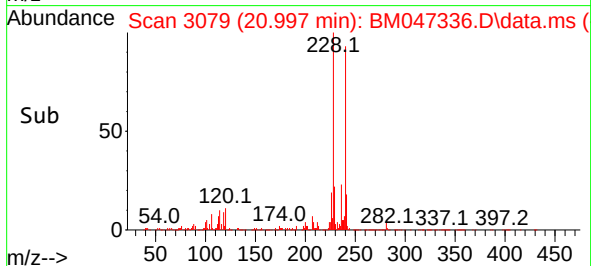
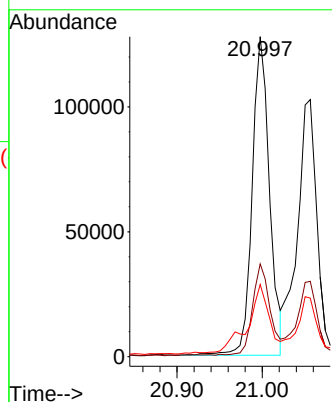
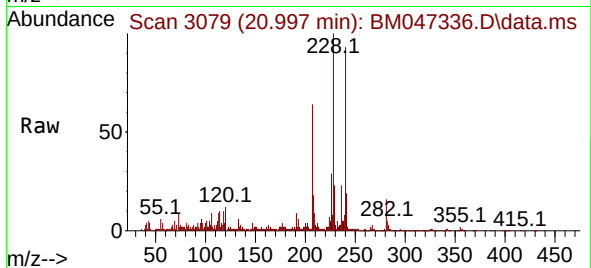
Tgt Ion:228 Resp: 180489

Ion Ratio Lower Upper

228 100

226 29.0 21.8 32.6

229 22.6 15.8 23.8



#83

Chrysene

Concen: 2.478 ng

RT: 21.056 min Scan# 3089

Delta R.T. -0.018 min

Lab File: BM047336.D

Acq: 23 Aug 2024 16:48

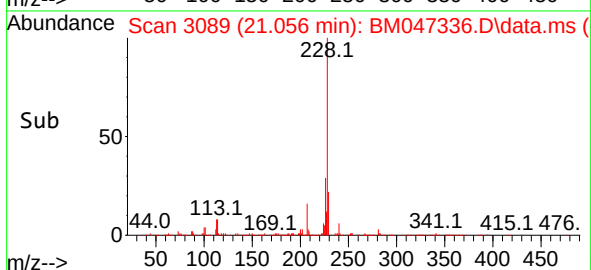
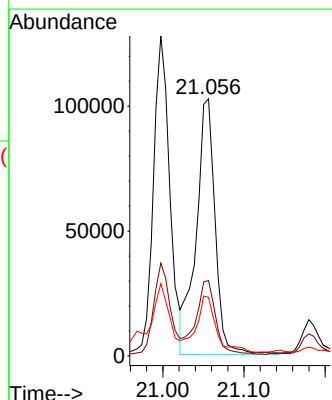
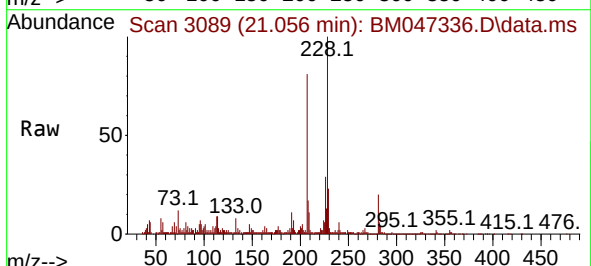
Tgt Ion:228 Resp: 167620

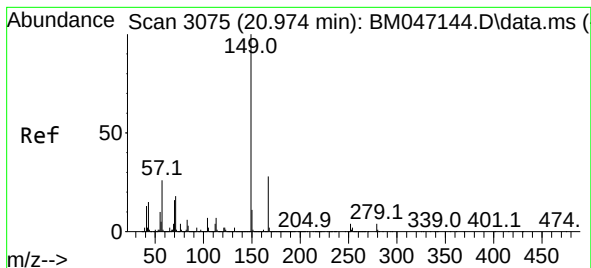
Ion Ratio Lower Upper

228 100

226 29.3 24.4 36.6

229 22.8 15.7 23.5

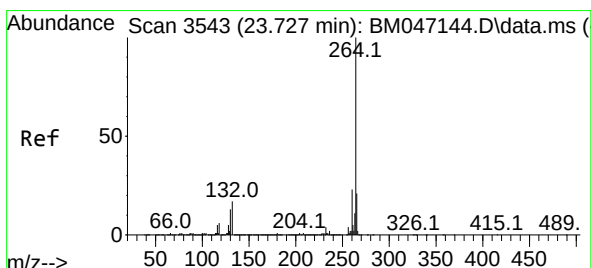
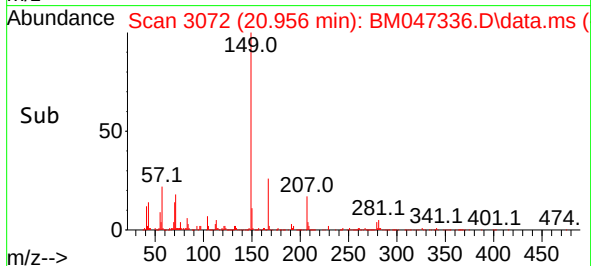
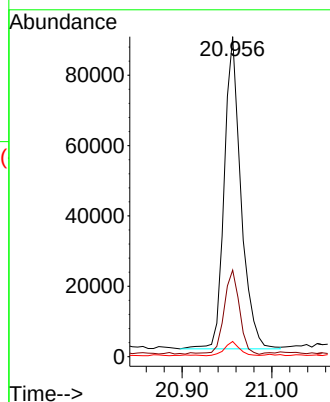
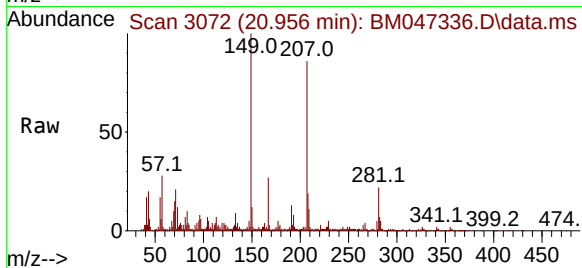




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.590 ng
 RT: 20.956 min Scan# 3072
 Delta R.T. -0.018 min
 Lab File: BM047336.D
 Acq: 23 Aug 2024 16:48

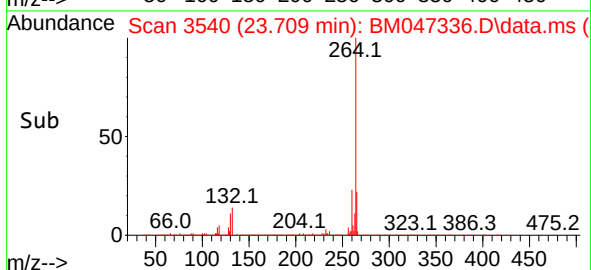
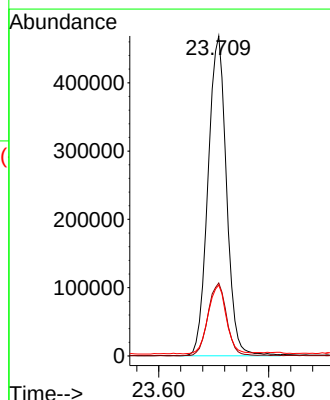
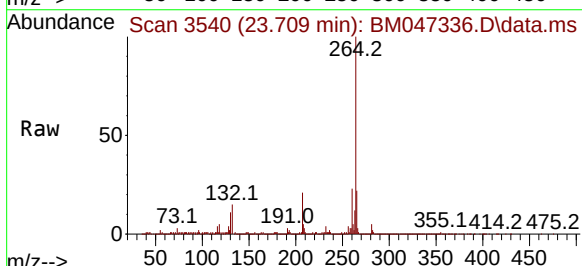
Instrument :
 BNA_M
 ClientSampleId :
 Kingsland-Driveway

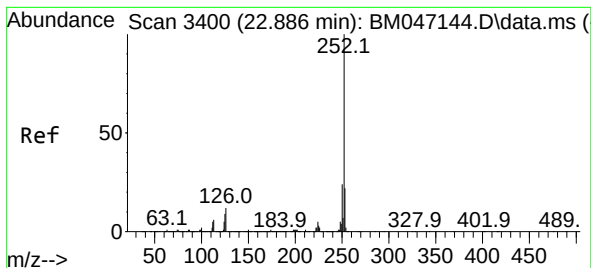
Tgt Ion:149 Resp: 114946
 Ion Ratio Lower Upper
 149 100
 167 27.0 22.2 33.2
 279 4.8 3.0 4.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.709 min Scan# 3540
 Delta R.T. -0.018 min
 Lab File: BM047336.D
 Acq: 23 Aug 2024 16:48

Tgt Ion:264 Resp: 1091778
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.5 27.7
 265 22.1 17.3 25.9





#88

Benzo(b)fluoranthene

Concen: 2.922 ng

RT: 22.868 min Scan# 31

Delta R.T. -0.018 min

Lab File: BM047336.D

Acq: 23 Aug 2024 16:48

Instrument :

BNA_M

ClientSampleId :

Kingsland-Driveway

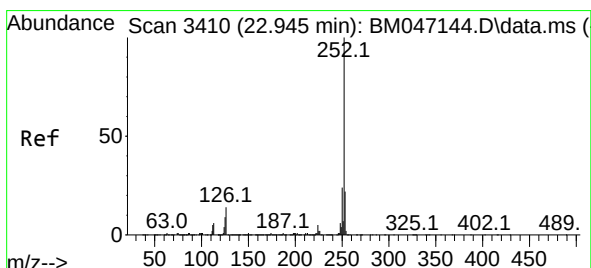
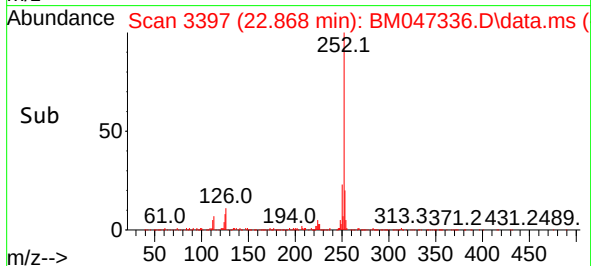
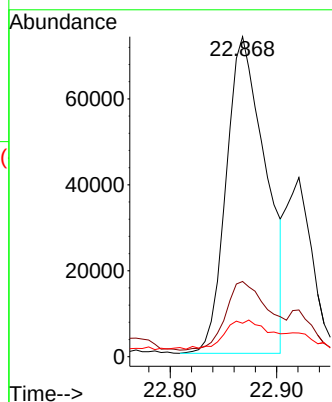
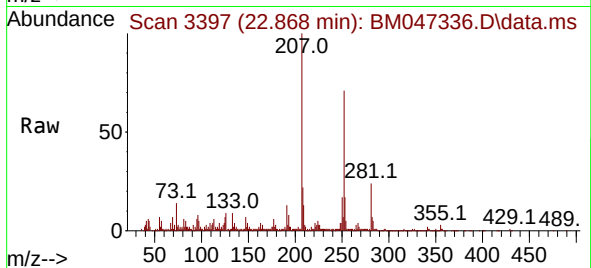
Tgt Ion:252 Resp: 189432

Ion Ratio Lower Upper

252 100

253 23.5 17.8 26.6

125 10.5 7.4 11.0



#89

Benzo(k)fluoranthene

Concen: 3.093 ng

RT: 22.868 min Scan# 3397

Delta R.T. -0.077 min

Lab File: BM047336.D

Acq: 23 Aug 2024 16:48

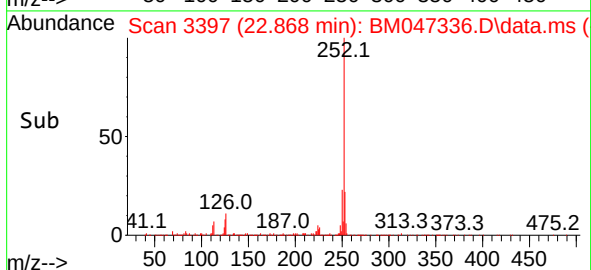
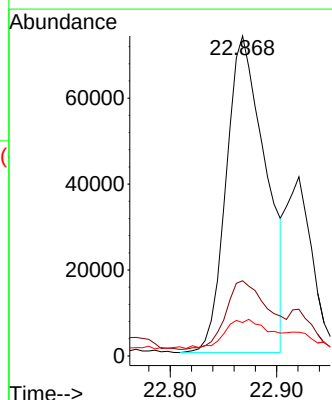
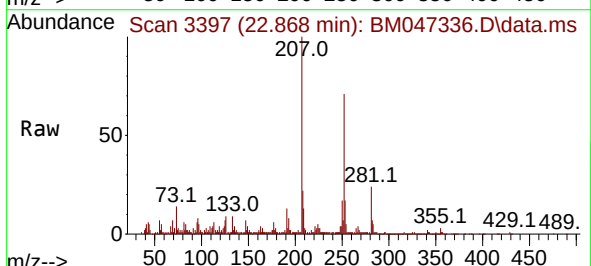
Tgt Ion:252 Resp: 189432

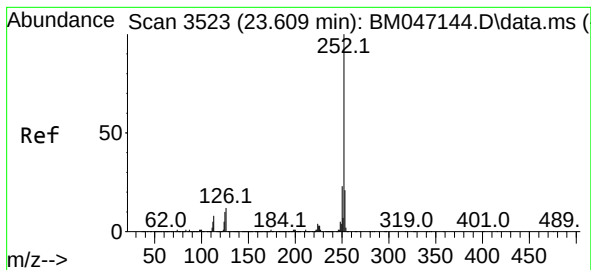
Ion Ratio Lower Upper

252 100

253 23.5 17.7 26.5

125 10.5 7.4 11.2





#90

Benzo(a)pyrene

Concen: 2.245 ng

RT: 23.580 min Scan# 3

Delta R.T. -0.030 min

Lab File: BM047336.D

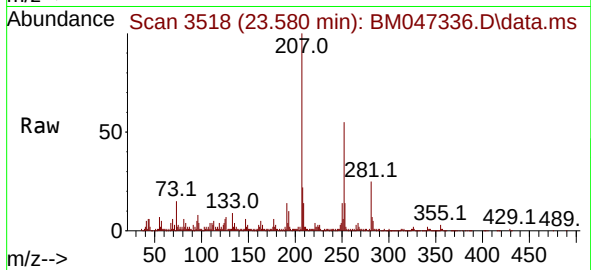
Acq: 23 Aug 2024 16:48

Instrument :

BNA_M

ClientSampleId :

Kingsland-Driveway



Tgt Ion:252 Resp: 126096

Ion Ratio Lower Upper

252 100

253 24.9 17.1 25.7

125 11.7 8.2 12.2

