

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082024\
 Data File : BM047286.D
 Acq On : 21 Aug 2024 01:33
 Operator : RC/JU
 Sample : P3643-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 917-J-SD-0-0.5-081524

Quant Time: Aug 21 03:15:00 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)

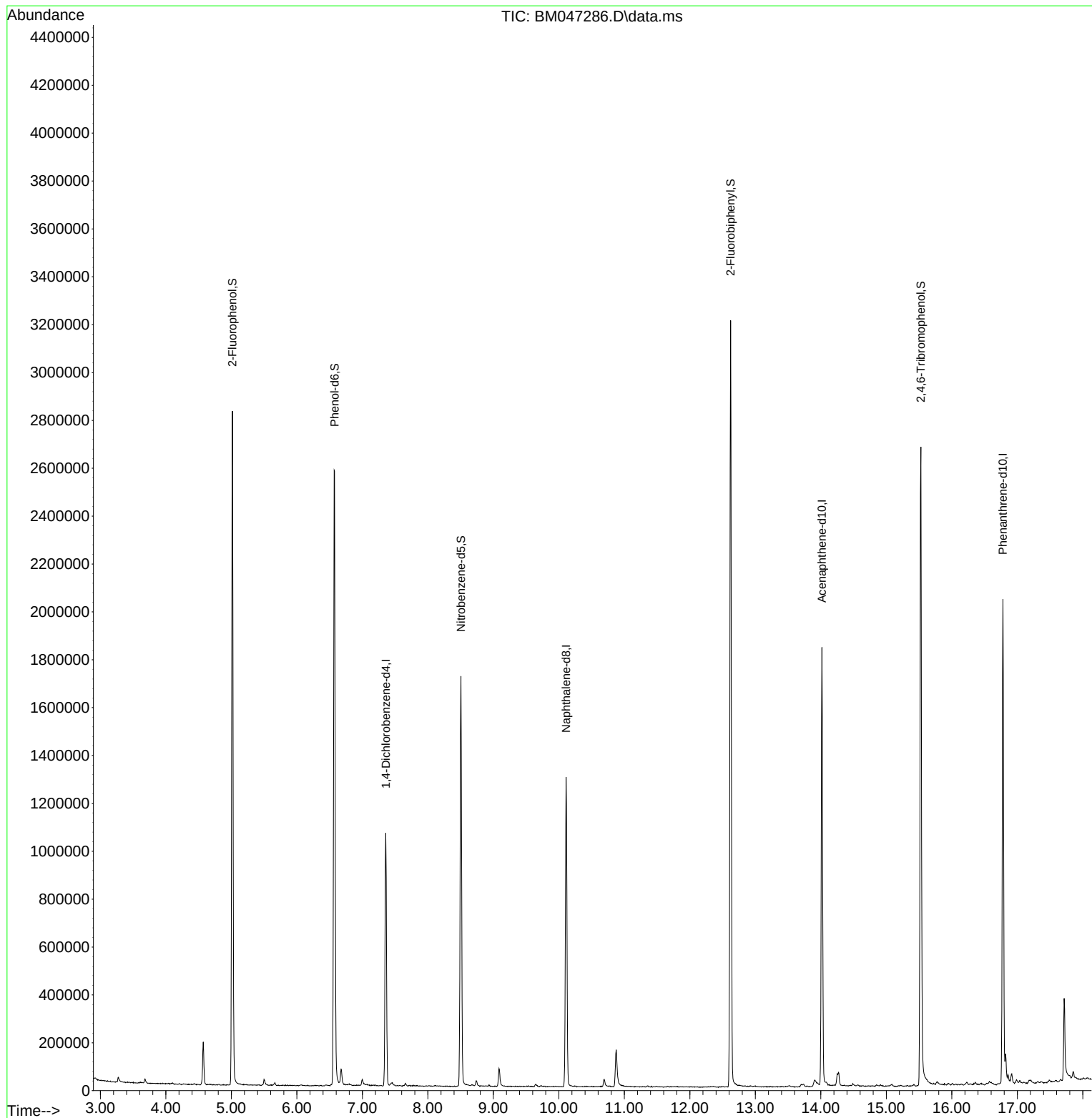
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.357	152	293300	20.000	ng	-0.02
21) Naphthalene-d8	10.110	136	1066109	20.000	ng	-0.02
39) Acenaphthene-d10	14.016	164	647610	20.000	ng	-0.02
64) Phenanthrene-d10	16.780	188	1234394	20.000	ng	-0.01
76) Chrysene-d12	21.015	240	974757	20.000	ng	-0.02
86) Perylene-d12	23.709	264	1064836	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.016	112	1205748	73.457	ng	0.00
7) Phenol-d6	6.575	99	1530124	67.652	ng	-0.01
23) Nitrobenzene-d5	8.504	82	968534	45.745	ng	-0.02
42) 2,4,6-Tribromophenol	15.527	330	533186	71.005	ng	-0.01
45) 2-Fluorobiphenyl	12.622	172	1752575	41.744	ng	-0.02
79) Terphenyl-d14	19.445	244	1763479	38.766	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.516	77	653	Below Cal	Qvalue #	31
75) Fluoranthene	18.857	202	183662	2.437	ng	98
78) Pyrene	19.227	202	142893	2.053	ng	97
89) Benzo(k)fluoranthene	22.868	252	123416	2.066	ng #	95

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

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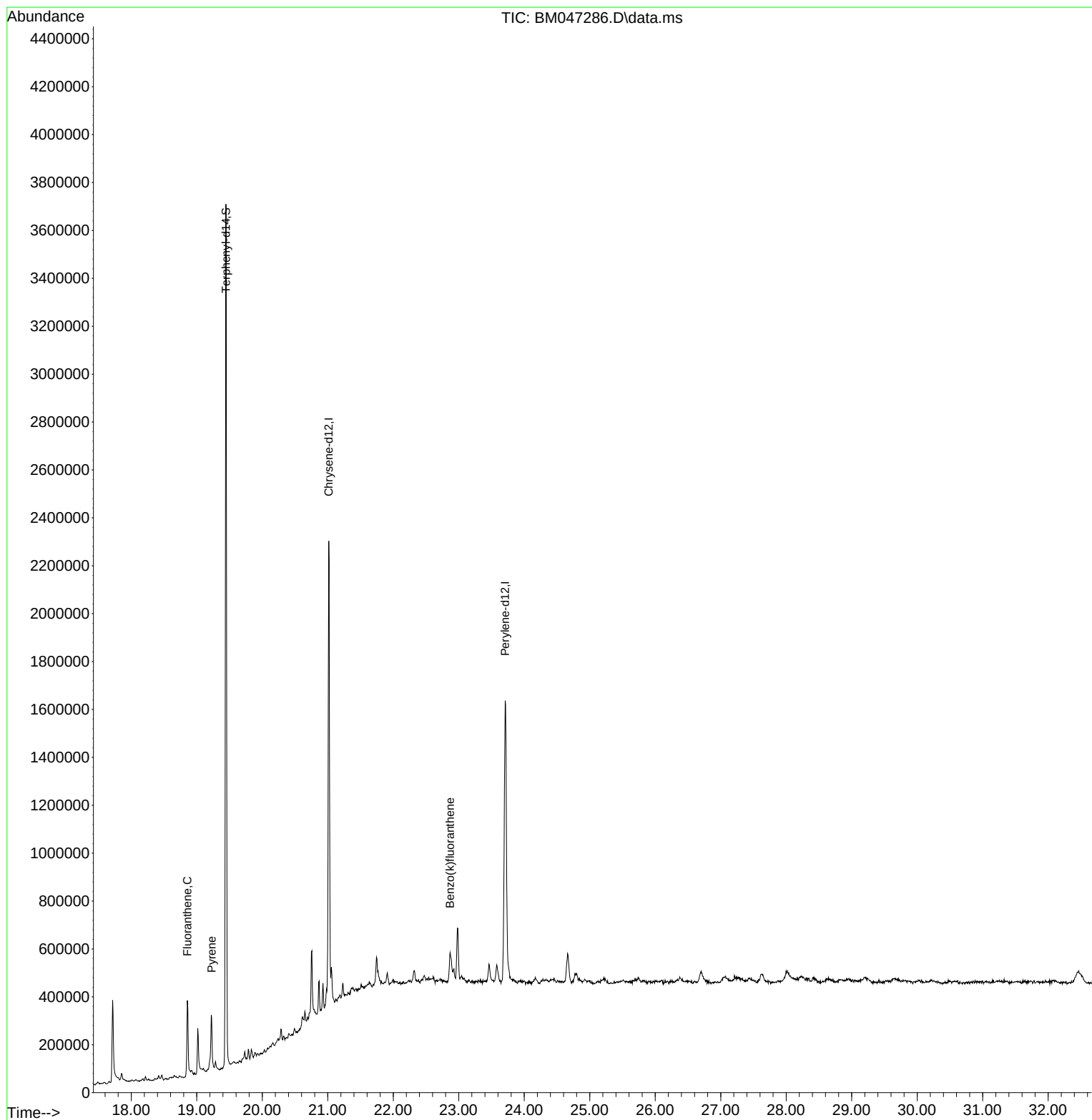
Quant Time: Aug 21 03:15:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Aug 11 23:47:58 2024
Response via : Initial Calibration

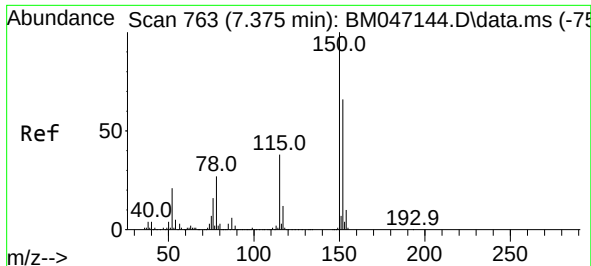


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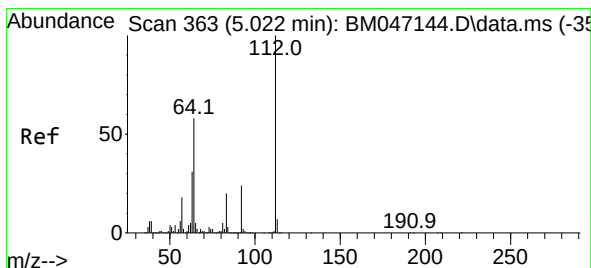
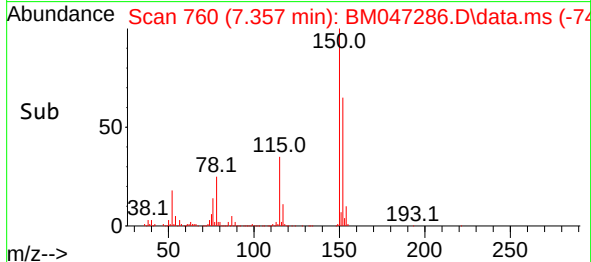
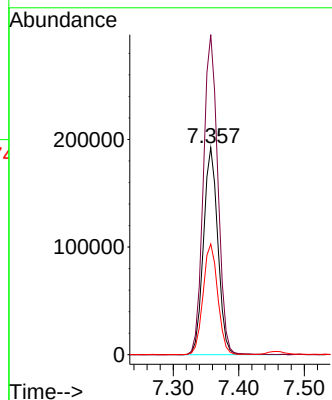
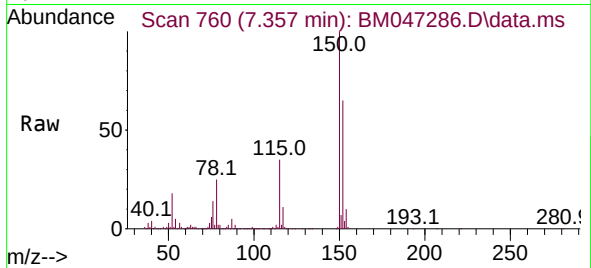




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.357 min Scan# 70
Delta R.T. -0.018 min
Lab File: BM047286.D
Acq: 21 Aug 2024 01:33

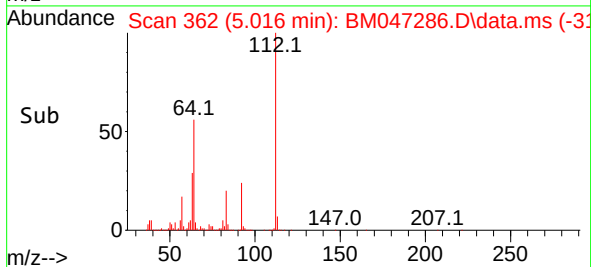
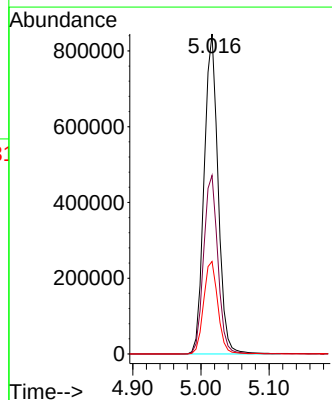
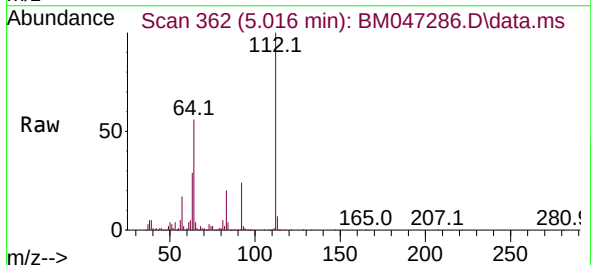
Instrument :
BNA_M
ClientSampleId :
917-J-SD-0-0.5-081524

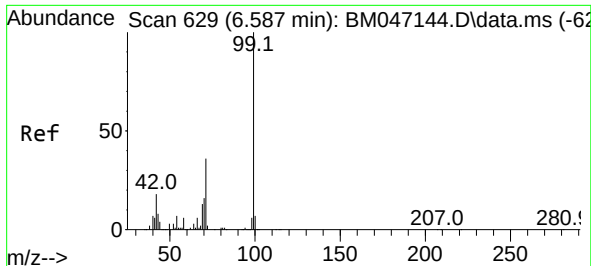
Tgt Ion:152 Resp: 293300
Ion Ratio Lower Upper
152 100
150 154.5 120.5 180.7
115 53.5 45.5 68.3



#5
2-Fluorophenol
Concen: 73.457 ng
RT: 5.016 min Scan# 362
Delta R.T. -0.006 min
Lab File: BM047286.D
Acq: 21 Aug 2024 01:33

Tgt Ion:112 Resp: 1205748
Ion Ratio Lower Upper
112 100
64 55.8 46.7 70.1
63 28.9 24.8 37.2



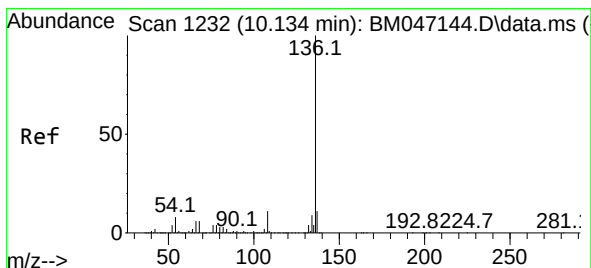
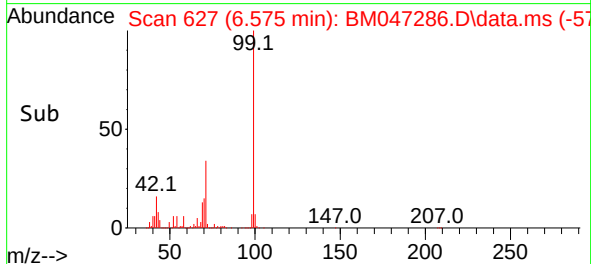
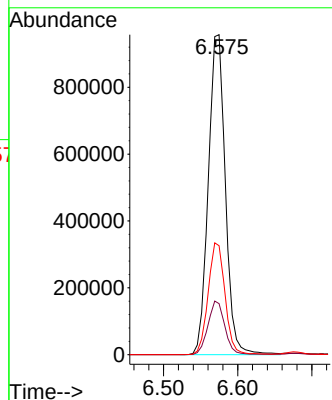
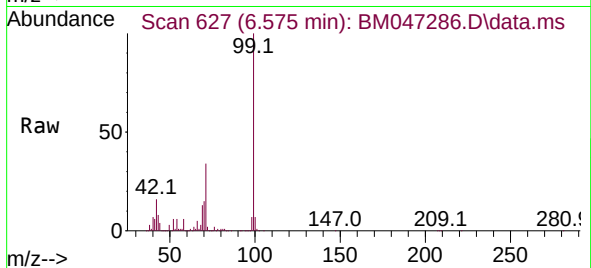


#7
Phenol-d6
Concen: 67.652 ng
RT: 6.575 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM047286.D
Acq: 21 Aug 2024 01:33

Instrument :
BNA_M
ClientSampleId :
917-J-SD-0-0.5-081524

Tgt Ion: 99 Resp: 1530124

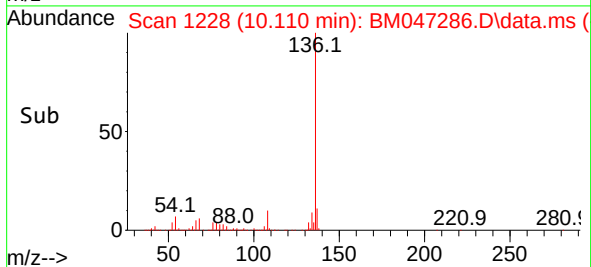
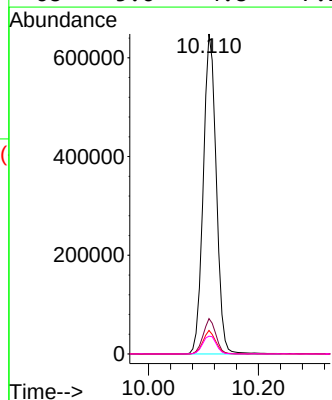
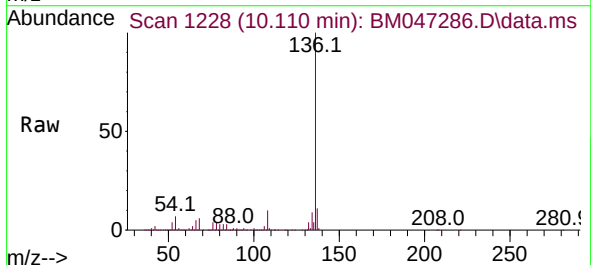
Ion	Ratio	Lower	Upper
99	100		
42	16.0	14.1	21.1
71	34.0	28.5	42.7

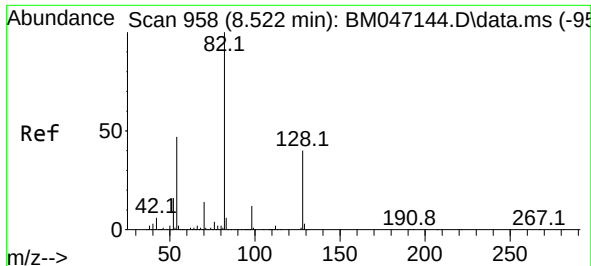


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.110 min Scan# 1228
Delta R.T. -0.024 min
Lab File: BM047286.D
Acq: 21 Aug 2024 01:33

Tgt Ion: 136 Resp: 1066109

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	7.4	6.0	9.0
68	5.6	4.8	7.2

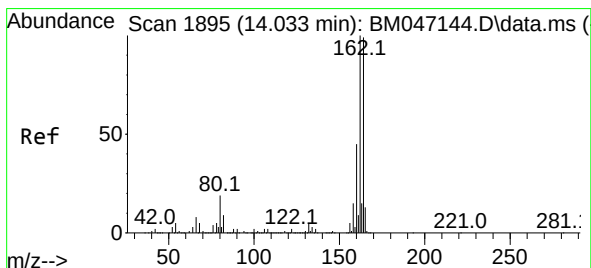
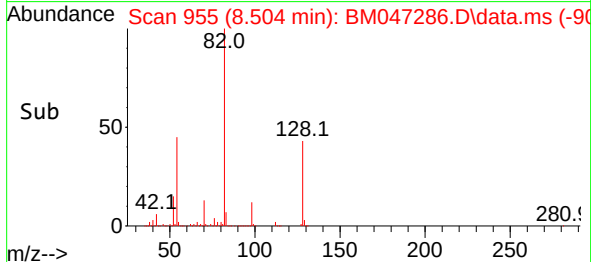
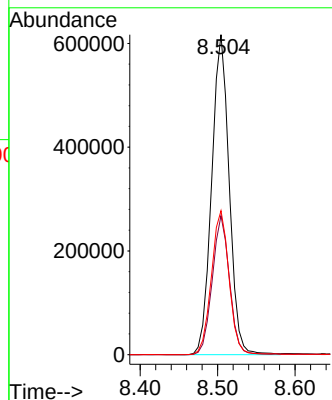
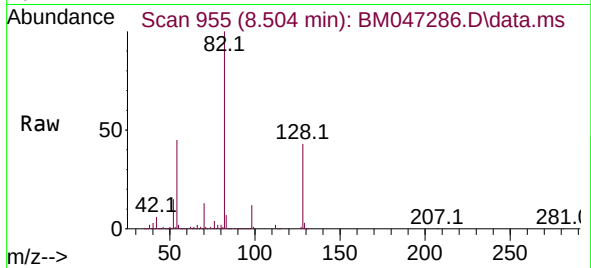




#23
 Nitrobenzene-d5
 Concen: 45.745 ng
 RT: 8.504 min Scan# 91
 Delta R.T. -0.018 min
 Lab File: BM047286.D
 Acq: 21 Aug 2024 01:33

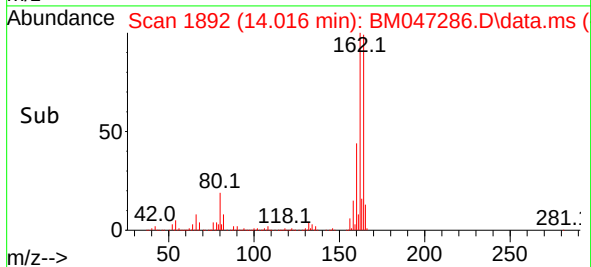
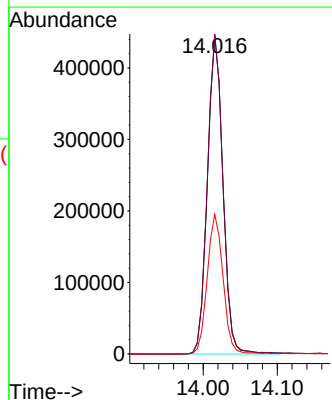
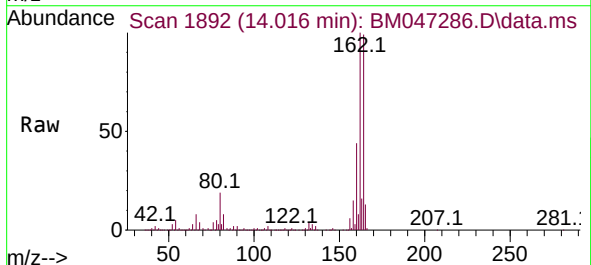
Instrument :
 BNA_M
 ClientSampleId :
 917-J-SD-0-0.5-081524

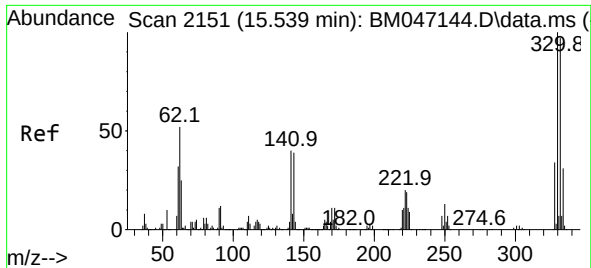
Tgt Ion: 82 Resp: 968534
 Ion Ratio Lower Upper
 82 100
 128 43.5 32.3 48.5
 54 45.0 37.4 56.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.016 min Scan# 1892
 Delta R.T. -0.018 min
 Lab File: BM047286.D
 Acq: 21 Aug 2024 01:33

Tgt Ion: 164 Resp: 647610
 Ion Ratio Lower Upper
 164 100
 162 100.5 80.7 121.1
 160 43.8 36.0 54.0

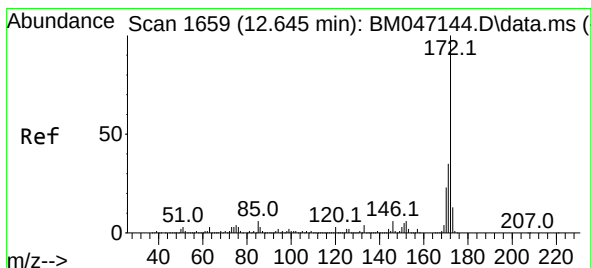
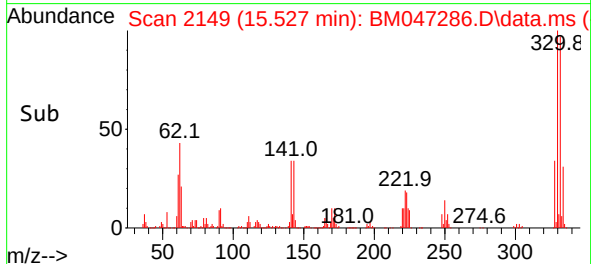
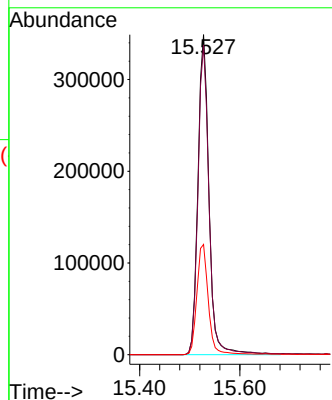
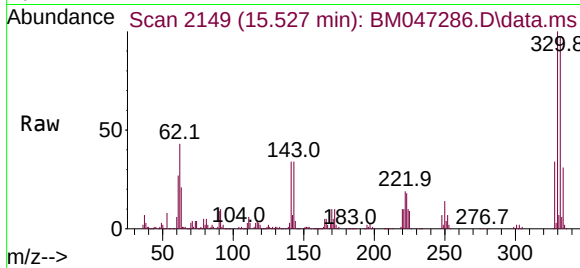




#42
2,4,6-Tribromophenol
Concen: 71.005 ng
RT: 15.527 min Scan# 2151
Delta R.T. -0.012 min
Lab File: BM047286.D
Acq: 21 Aug 2024 01:33

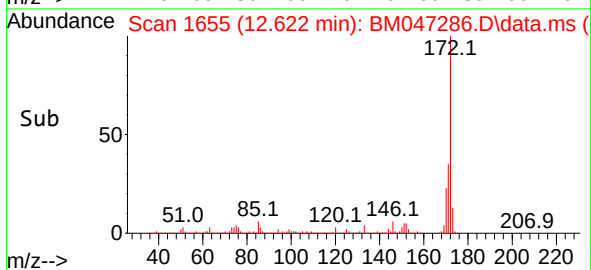
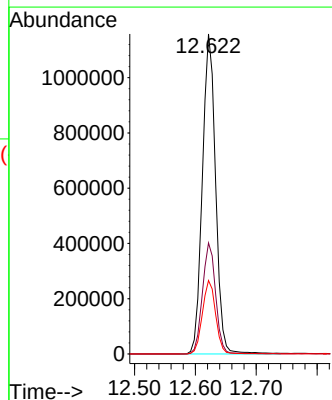
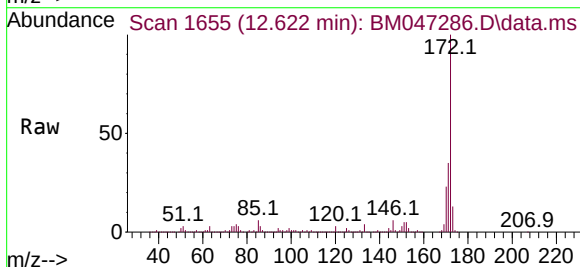
Instrument :
BNA_M
ClientSampleId :
917-J-SD-0-0.5-081524

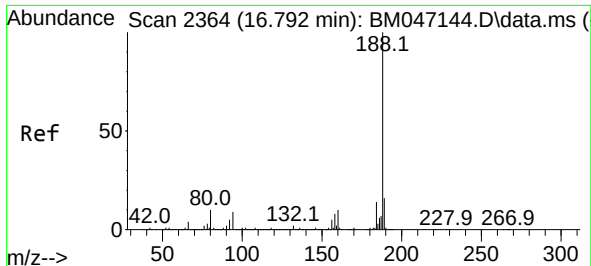
Tgt Ion:330 Resp: 533186
Ion Ratio Lower Upper
330 100
332 97.4 77.4 116.2
141 35.7 31.6 47.4



#45
2-Fluorobiphenyl
Concen: 41.744 ng
RT: 12.622 min Scan# 1655
Delta R.T. -0.023 min
Lab File: BM047286.D
Acq: 21 Aug 2024 01:33

Tgt Ion:172 Resp: 1752575
Ion Ratio Lower Upper
172 100
171 34.7 27.8 41.6
170 22.9 18.7 28.1

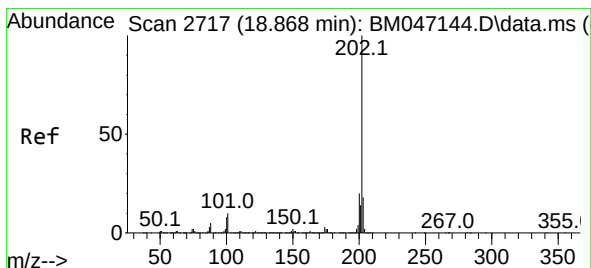
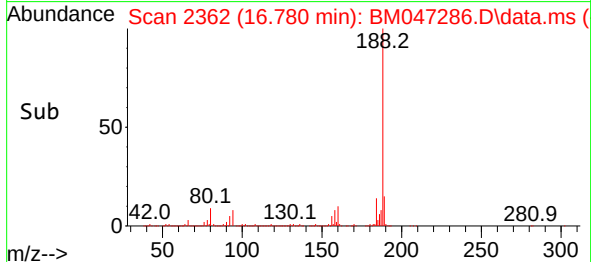
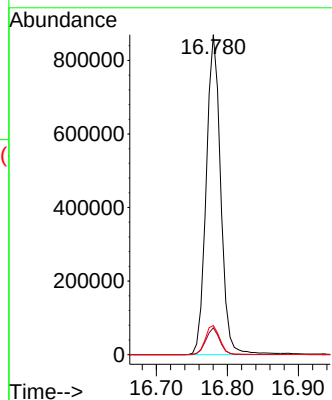
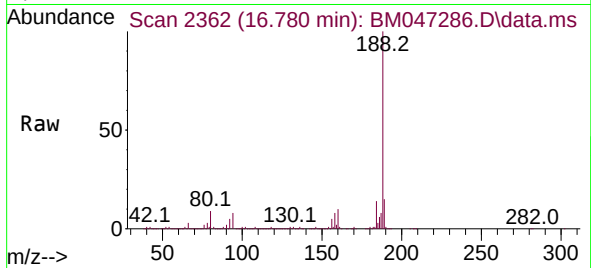




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.780 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM047286.D
Acq: 21 Aug 2024 01:33

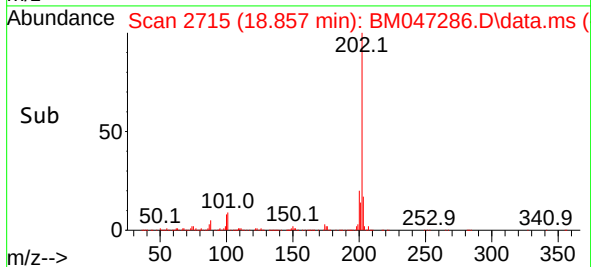
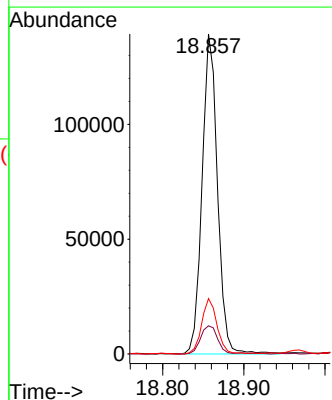
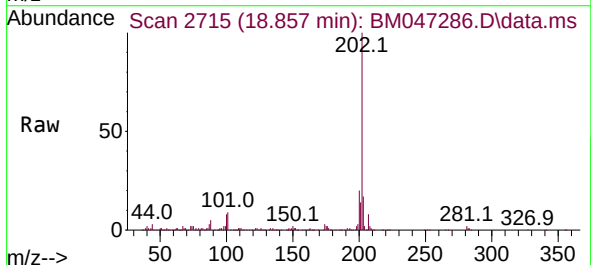
Instrument :
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ClientSampleId :
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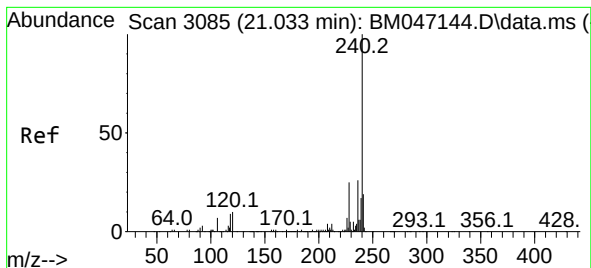
Tgt Ion:188 Resp: 1234394
Ion Ratio Lower Upper
188 100
94 8.4 7.0 10.6
80 9.1 8.0 12.0



#75
Fluoranthene
Concen: 2.437 ng
RT: 18.857 min Scan# 2715
Delta R.T. -0.012 min
Lab File: BM047286.D
Acq: 21 Aug 2024 01:33

Tgt Ion:202 Resp: 183662
Ion Ratio Lower Upper
202 100
101 8.8 0.0 30.2
203 17.3 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: BM047286.D

Acq: 21 Aug 2024 01:33

Instrument :

BNA_M

ClientSampleId :

917-J-SD-0-0.5-081524

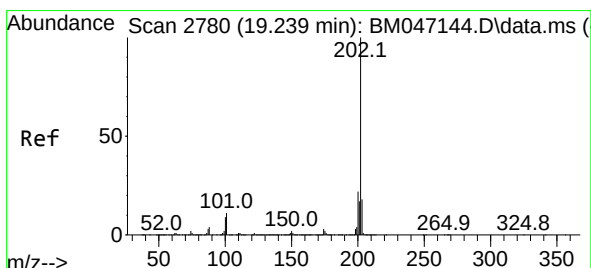
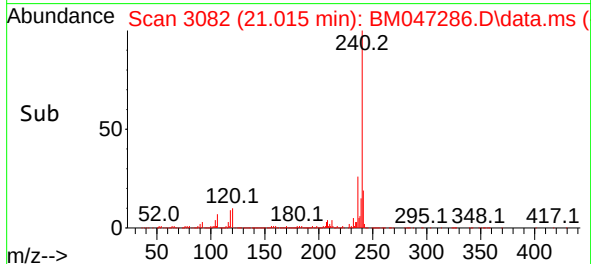
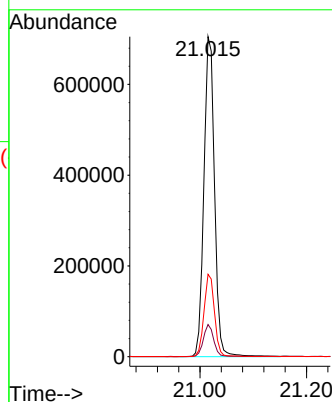
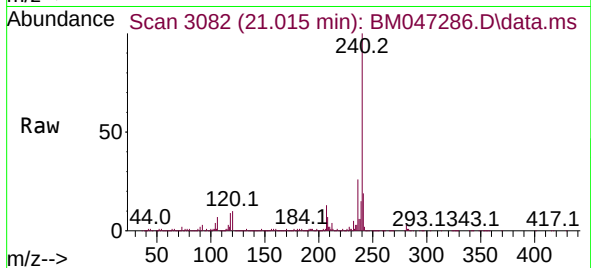
Tgt Ion:240 Resp: 974757

Ion Ratio Lower Upper

240 100

120 10.0 8.2 12.2

236 25.7 20.6 30.8



#78

Pyrene

Concen: 2.053 ng

RT: 19.227 min Scan# 2778

Delta R.T. -0.012 min

Lab File: BM047286.D

Acq: 21 Aug 2024 01:33

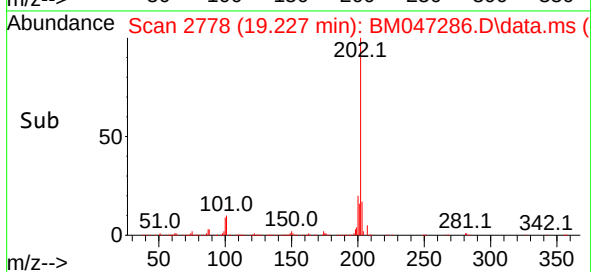
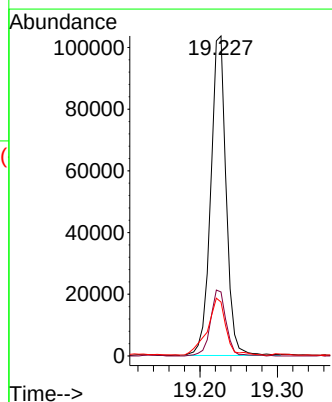
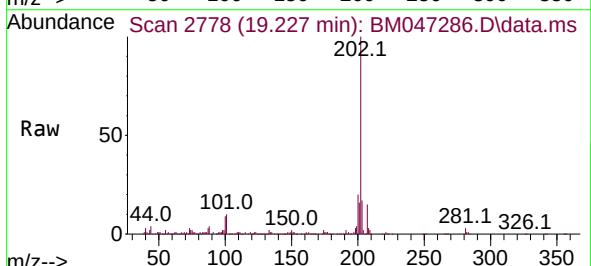
Tgt Ion:202 Resp: 142893

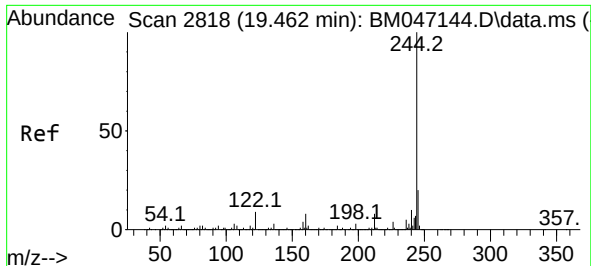
Ion Ratio Lower Upper

202 100

200 20.0 17.2 25.8

203 16.8 14.2 21.2

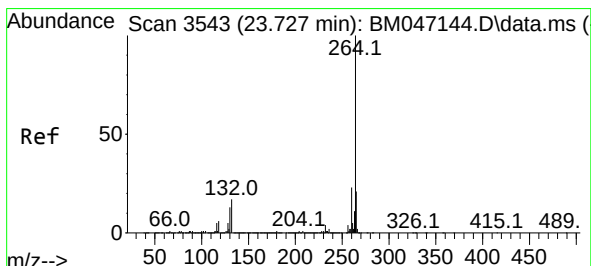
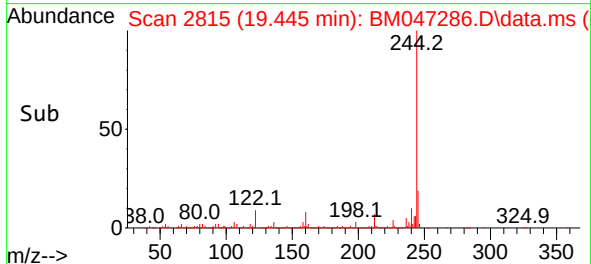
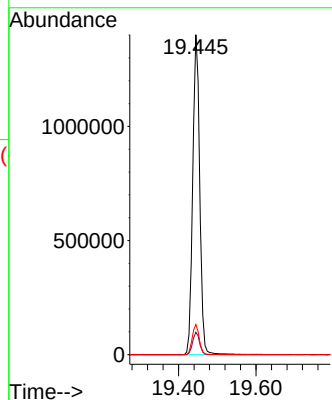
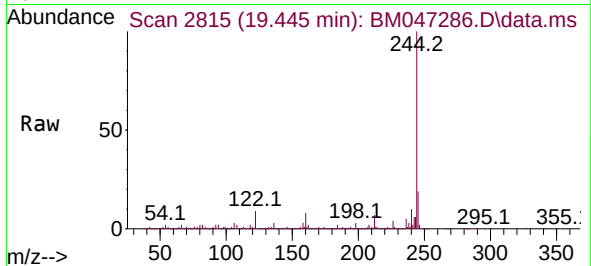




#79
 Terphenyl-d14
 Concen: 38.766 ng
 RT: 19.445 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BM047286.D
 Acq: 21 Aug 2024 01:33

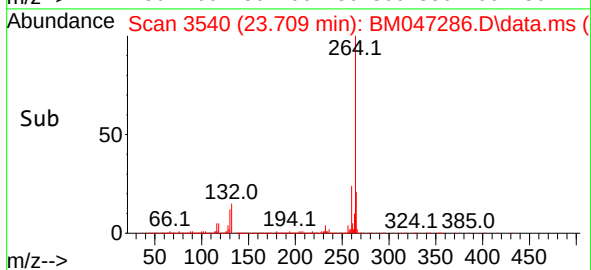
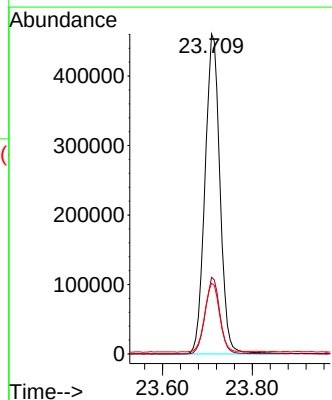
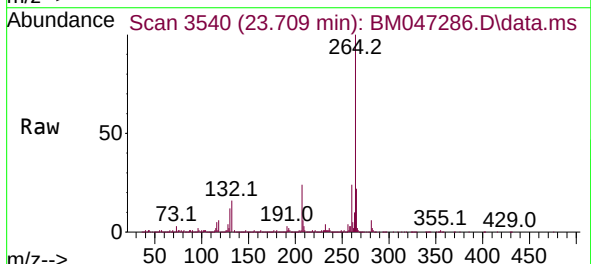
Instrument :
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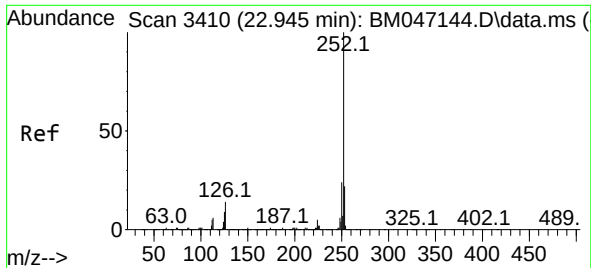
Tgt Ion:244 Resp: 1763479
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.2 9.4
 122 9.5 7.1 10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.709 min Scan# 3540
 Delta R.T. -0.018 min
 Lab File: BM047286.D
 Acq: 21 Aug 2024 01:33

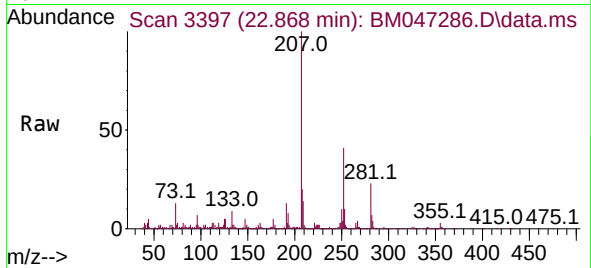
Tgt Ion:264 Resp: 1064836
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.5 27.7
 265 22.1 17.3 25.9





#89
Benzo(k)fluoranthene
Concen: 2.066 ng
RT: 22.868 min Scan# 31
Delta R.T. -0.077 min
Lab File: BM047286.D
Acq: 21 Aug 2024 01:33

Instrument :
BNA_M
ClientSampleId :
917-J-SD-0-0.5-081524



Tgt Ion:252 Resp: 123416
Ion Ratio Lower Upper
252 100
253 24.4 17.7 26.5
125 11.5 7.4 11.2#

