

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081524\
 Data File : BM047221.D
 Acq On : 15 Aug 2024 18:53
 Operator : RC/JU
 Sample : P3518-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OU4-TS-04-080724

Quant Time: Aug 16 01:19:45 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)

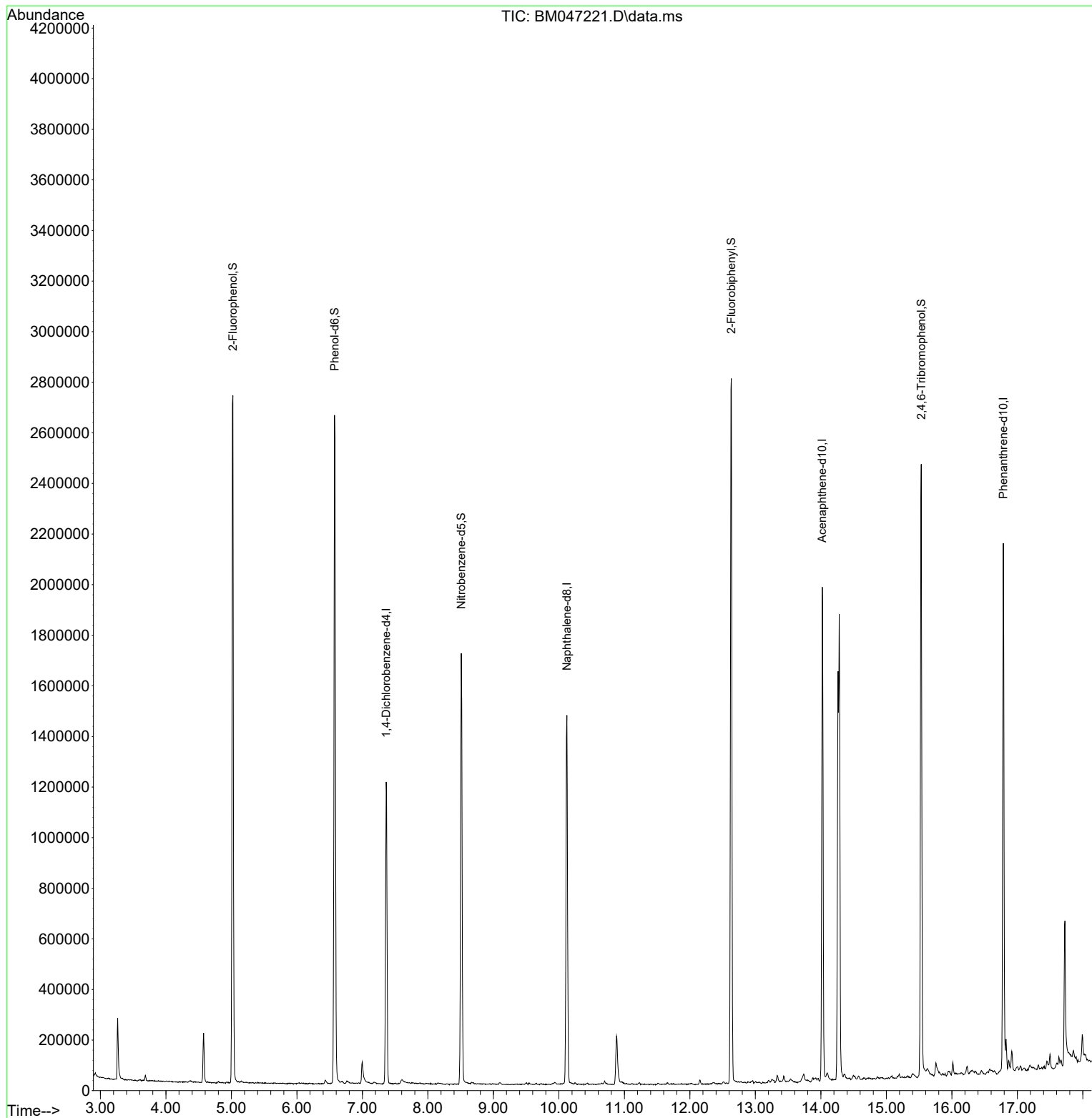
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.363	152	326789	20.000	ng	-0.01
21) Naphthalene-d8	10.122	136	1192472	20.000	ng	-0.01
39) Acenaphthene-d10	14.021	164	681602	20.000	ng	-0.01
64) Phenanthrene-d10	16.786	188	1195572	20.000	ng	0.00
76) Chrysene-d12	21.021	240	953020	20.000	ng	-0.01
86) Perylene-d12	23.721	264	1083116	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.022	112	1155066	63.158	ng	0.00
7) Phenol-d6	6.575	99	1510761	59.950	ng	-0.01
23) Nitrobenzene-d5	8.510	82	971221	41.011	ng	-0.01
42) 2,4,6-Tribromophenol	15.533	330	437371	55.340	ng	0.00
45) 2-Fluorobiphenyl	12.633	172	1534382	34.724	ng	-0.01
79) Terphenyl-d14	19.451	244	1559342	35.060	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.534	77	675	Below Cal	Qvalue #	46
75) Fluoranthene	18.862	202	161031	2.206	ng	99
78) Pyrene	19.227	202	146360	2.151	ng	99

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

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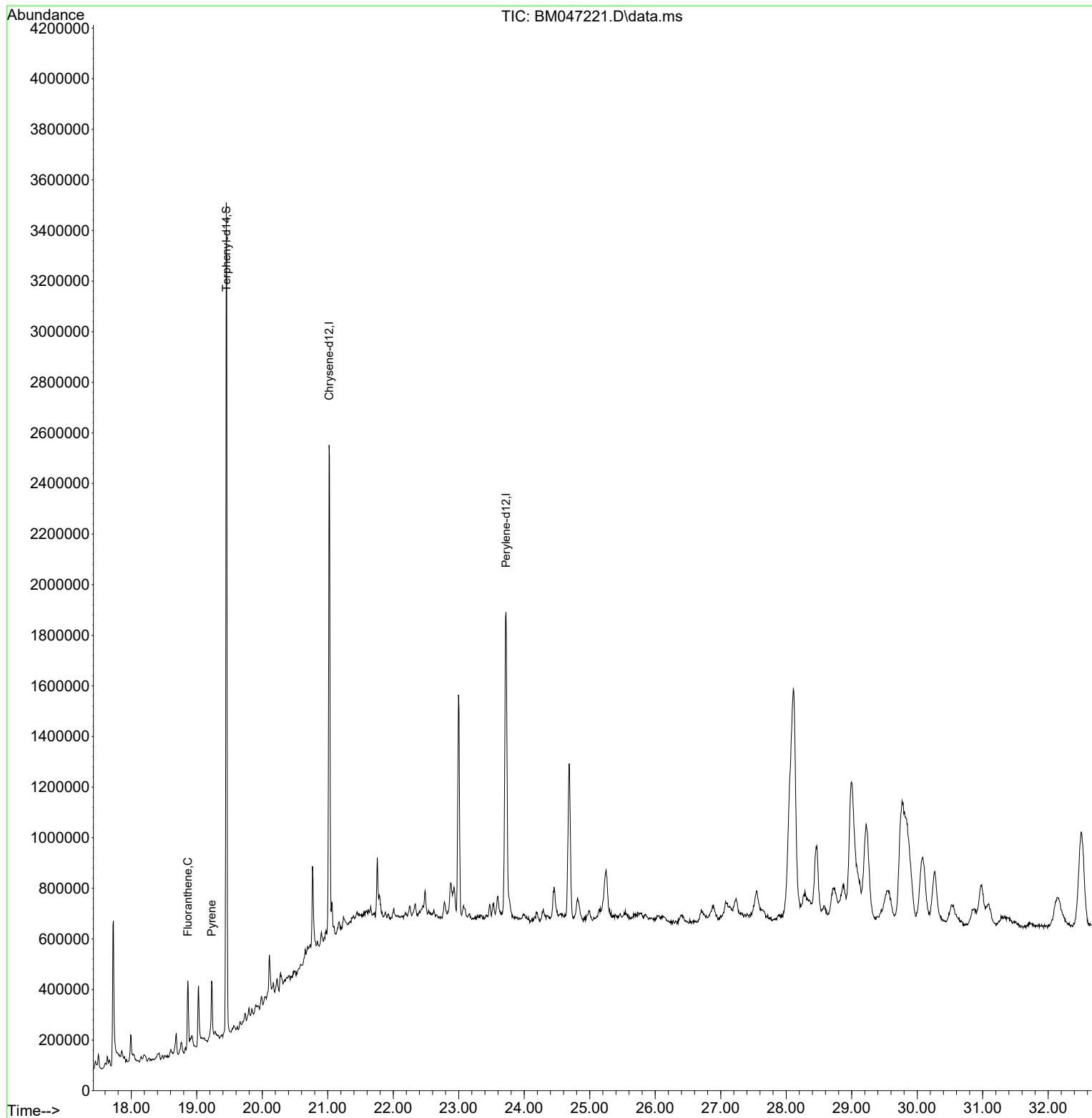
Quant Time: Aug 16 01:19:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Aug 11 23:47:58 2024
Response via : Initial Calibration

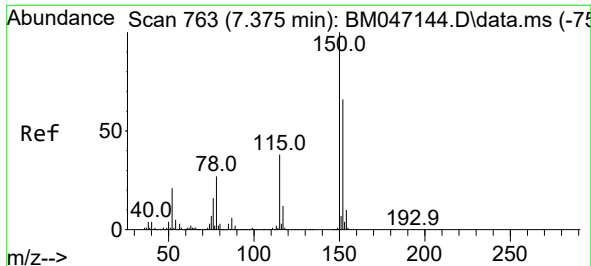


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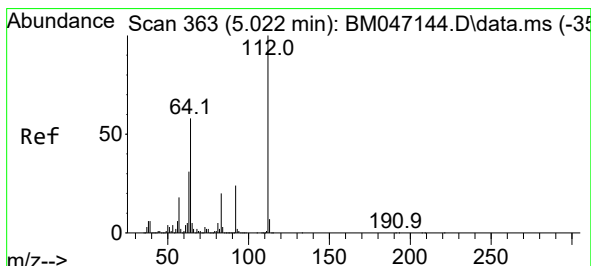
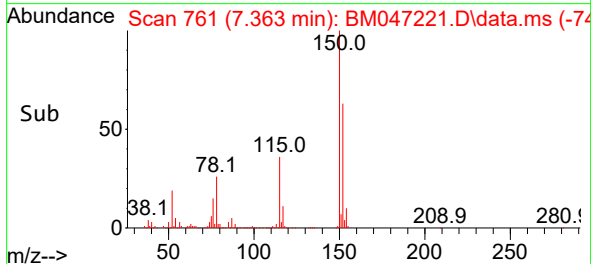
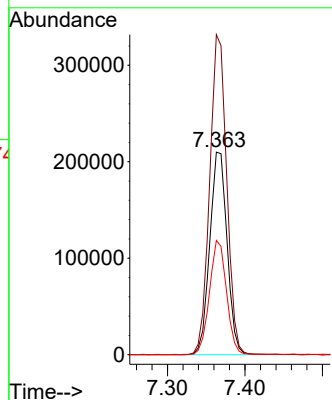
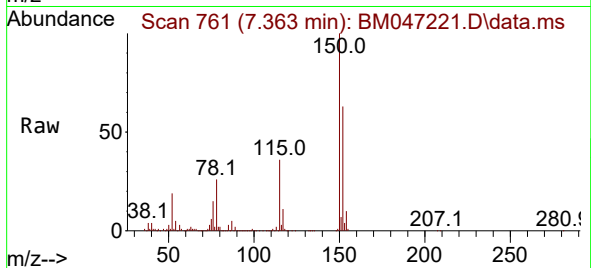




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.363 min Scan# 763
Delta R.T. -0.012 min
Lab File: BM047221.D
Acq: 15 Aug 2024 18:53

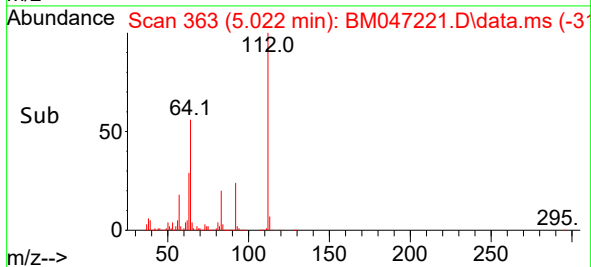
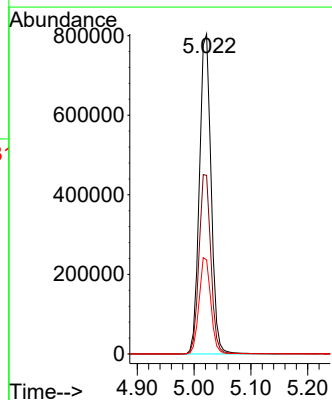
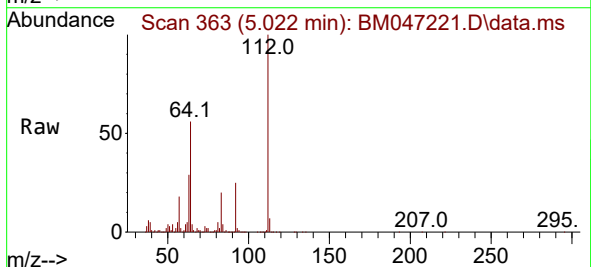
Instrument :
BNA_M
ClientSampleId :
OU4-TS-04-080724

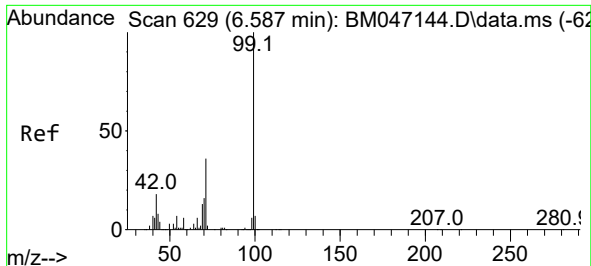
Tgt Ion:152 Resp: 326789
Ion Ratio Lower Upper
152 100
150 158.0 120.5 180.7
115 56.4 45.5 68.3



#5
2-Fluorophenol
Concen: 63.158 ng
RT: 5.022 min Scan# 363
Delta R.T. -0.000 min
Lab File: BM047221.D
Acq: 15 Aug 2024 18:53

Tgt Ion:112 Resp: 1155066
Ion Ratio Lower Upper
112 100
64 55.8 46.7 70.1
63 29.4 24.8 37.2

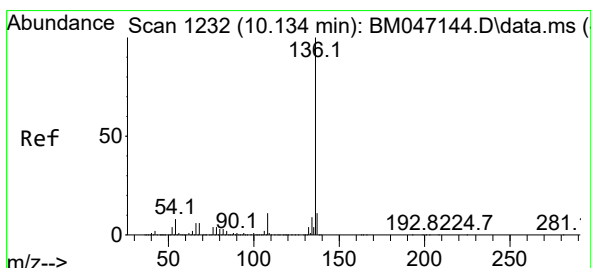
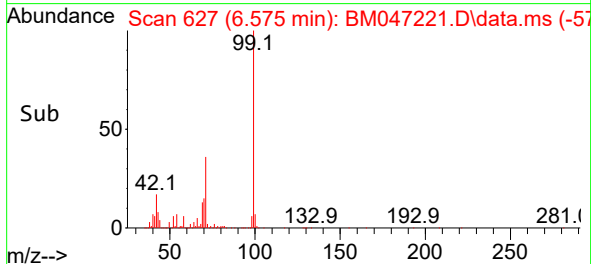
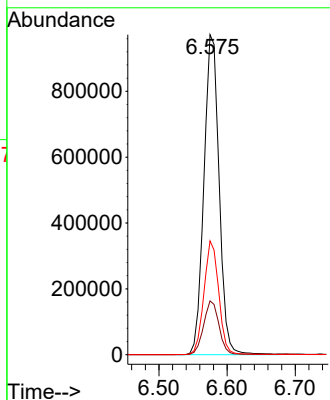
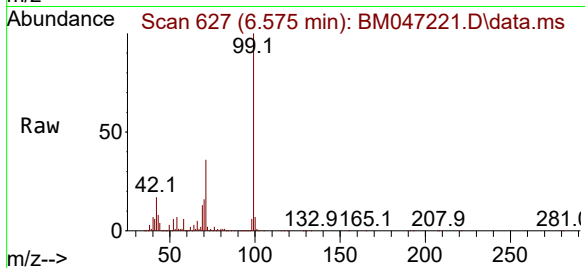




#7
Phenol-d6
Concen: 59.950 ng
RT: 6.575 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM047221.D
Acq: 15 Aug 2024 18:53

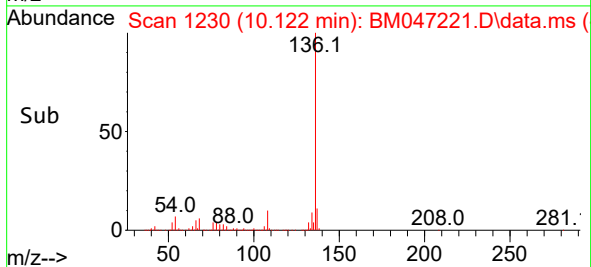
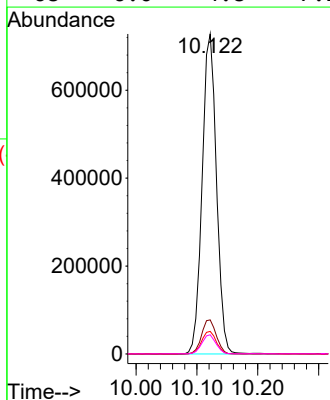
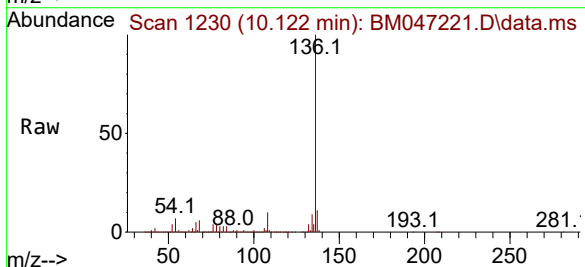
Instrument :
BNA_M
ClientSampleId :
OU4-TS-04-080724

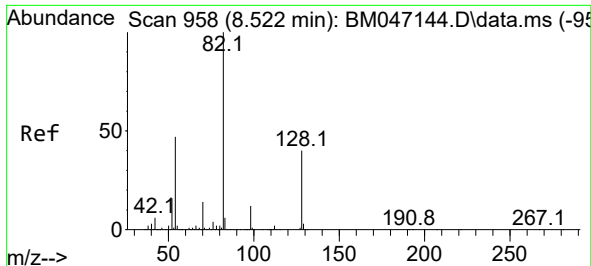
Tgt Ion: 99 Resp: 1510761
Ion Ratio Lower Upper
99 100
42 16.8 14.1 21.1
71 35.5 28.5 42.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.122 min Scan# 1230
Delta R.T. -0.012 min
Lab File: BM047221.D
Acq: 15 Aug 2024 18:53

Tgt Ion: 136 Resp: 1192472
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 7.1 6.0 9.0
68 6.0 4.8 7.2

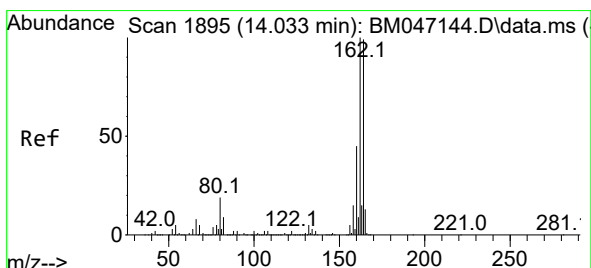
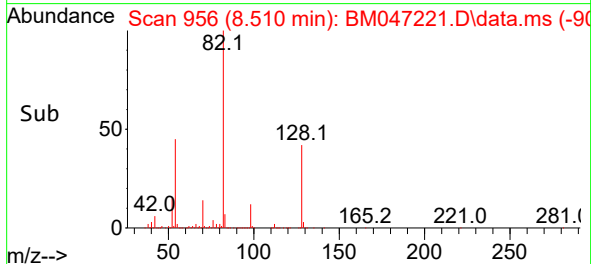
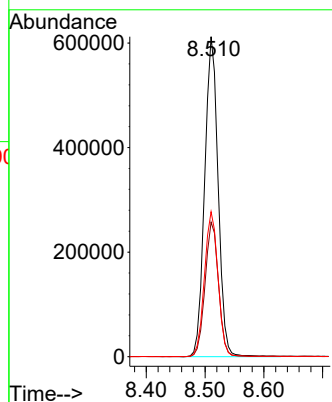
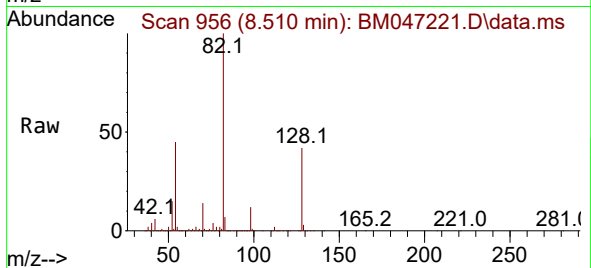




#23
Nitrobenzene-d5
Concen: 41.011 ng
RT: 8.510 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM047221.D
Acq: 15 Aug 2024 18:53

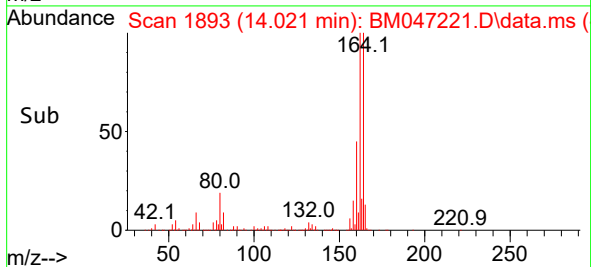
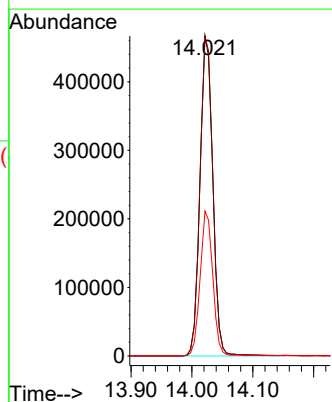
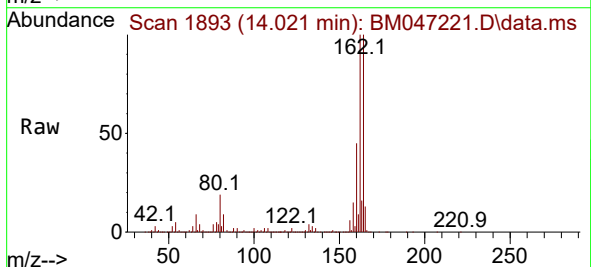
Instrument :
BNA_M
ClientSampleId :
OU4-TS-04-080724

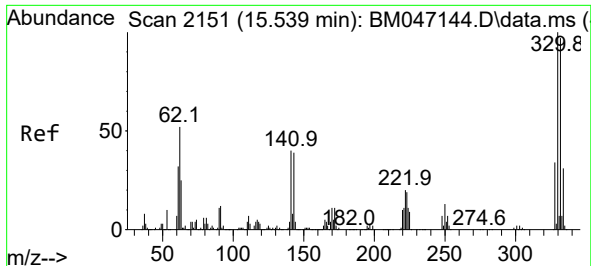
Tgt Ion: 82 Resp: 971221
Ion Ratio Lower Upper
82 100
128 42.1 32.3 48.5
54 45.3 37.4 56.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.021 min Scan# 1893
Delta R.T. -0.012 min
Lab File: BM047221.D
Acq: 15 Aug 2024 18:53

Tgt Ion:164 Resp: 681602
Ion Ratio Lower Upper
164 100
162 99.9 80.7 121.1
160 45.3 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 55.340 ng

RT: 15.533 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047221.D

Acq: 15 Aug 2024 18:53

Instrument :

BNA_M

ClientSampleId :

OU4-TS-04-080724

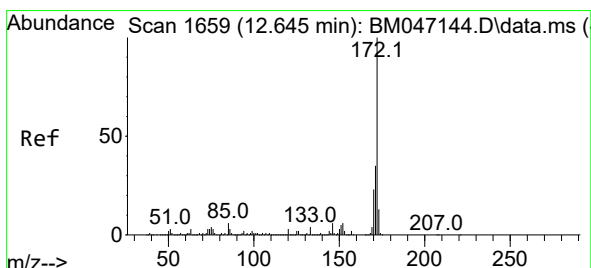
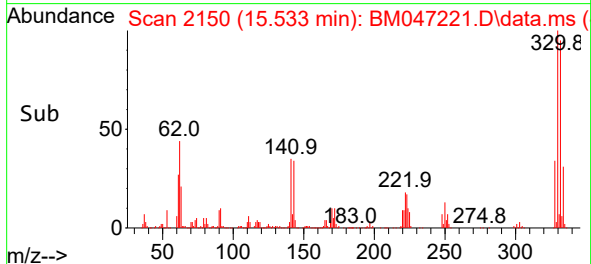
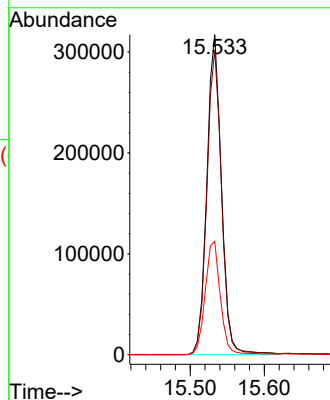
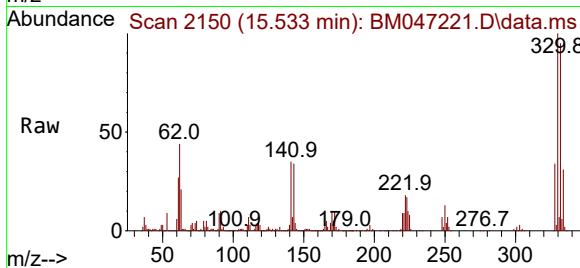
Tgt Ion:330 Resp: 437371

Ion Ratio Lower Upper

330 100

332 95.5 77.4 116.2

141 36.5 31.6 47.4



#45

2-Fluorobiphenyl

Concen: 34.724 ng

RT: 12.633 min Scan# 1657

Delta R.T. -0.012 min

Lab File: BM047221.D

Acq: 15 Aug 2024 18:53

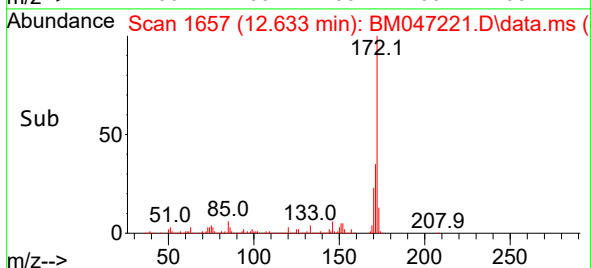
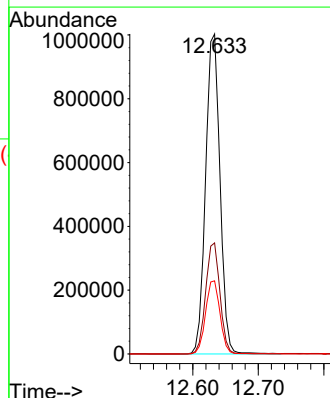
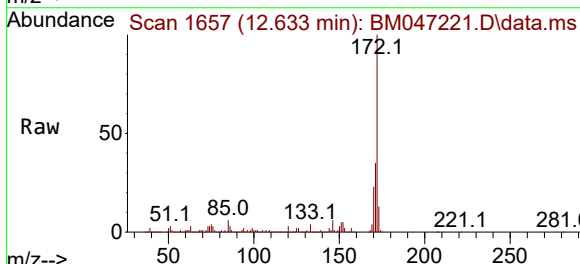
Tgt Ion:172 Resp: 1534382

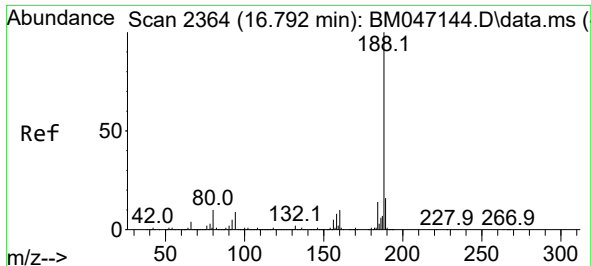
Ion Ratio Lower Upper

172 100

171 34.7 27.8 41.6

170 22.9 18.7 28.1

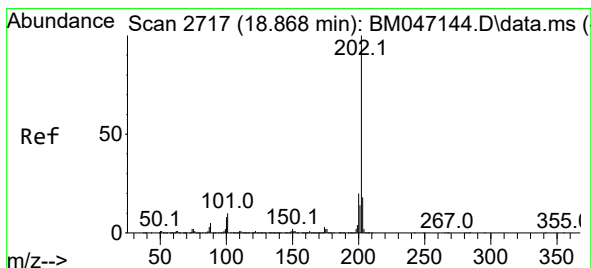
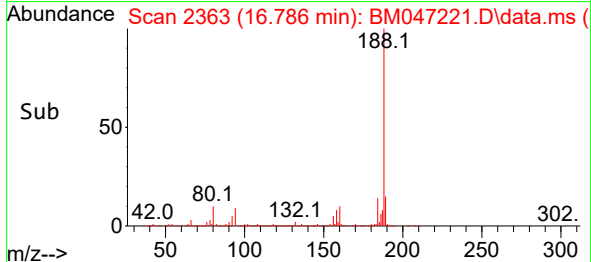
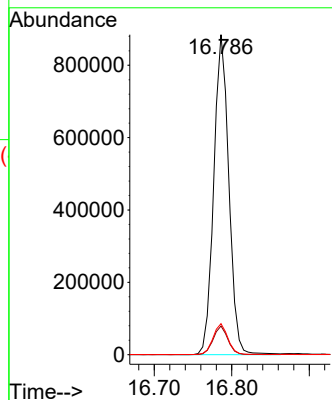
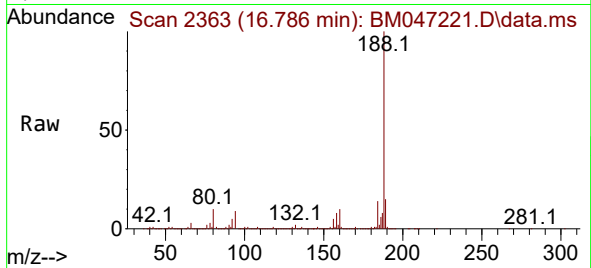




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.786 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM047221.D
Acq: 15 Aug 2024 18:53

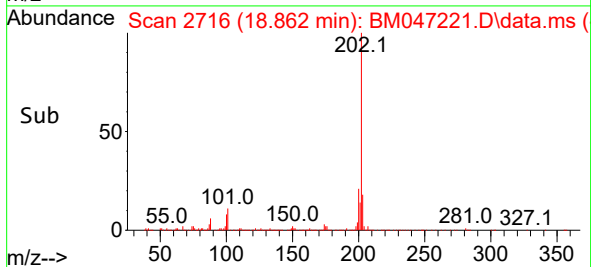
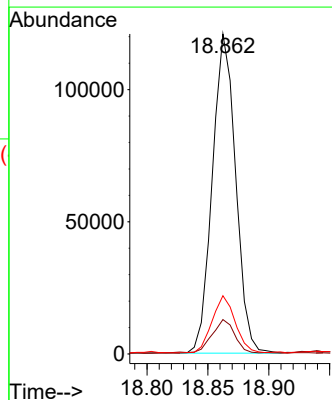
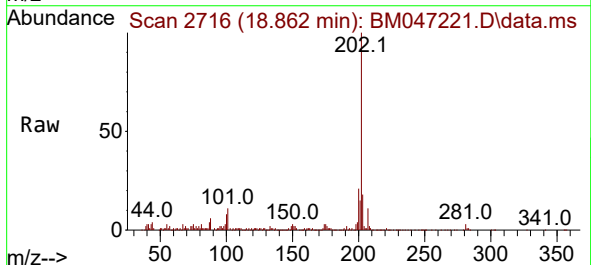
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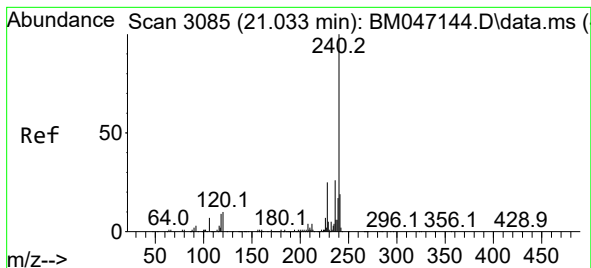
Tgt Ion:188 Resp: 1195572
Ion Ratio Lower Upper
188 100
94 8.9 7.0 10.6
80 9.7 8.0 12.0



#75
Fluoranthene
Concen: 2.206 ng
RT: 18.862 min Scan# 2716
Delta R.T. -0.006 min
Lab File: BM047221.D
Acq: 15 Aug 2024 18:53

Tgt Ion:202 Resp: 161031
Ion Ratio Lower Upper
202 100
101 10.8 0.0 30.2
203 18.2 0.0 37.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.021 min Scan# 3083

Delta R.T. -0.012 min

Lab File: BM047221.D

Acq: 15 Aug 2024 18:53

Instrument :

BNA_M

ClientSampleId :

OU4-TS-04-080724

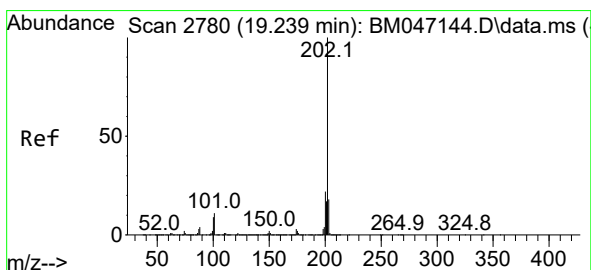
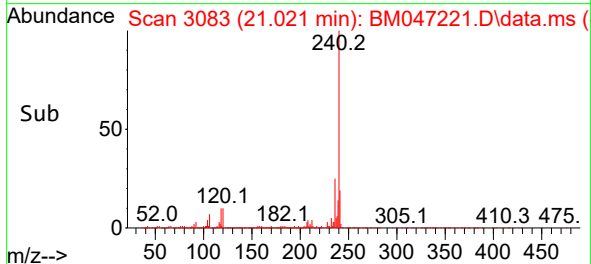
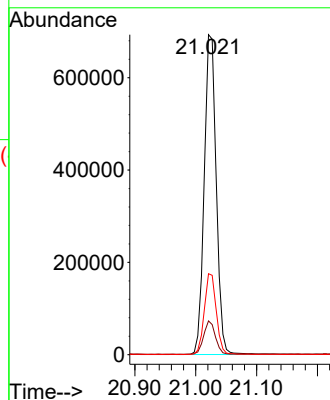
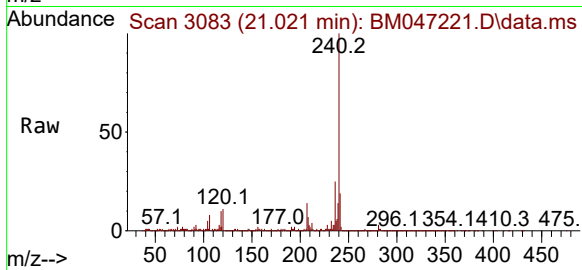
Tgt Ion:240 Resp: 953020

Ion Ratio Lower Upper

240 100

120 10.6 8.2 12.2

236 25.3 20.6 30.8



#78

Pyrene

Concen: 2.151 ng

RT: 19.227 min Scan# 2778

Delta R.T. -0.012 min

Lab File: BM047221.D

Acq: 15 Aug 2024 18:53

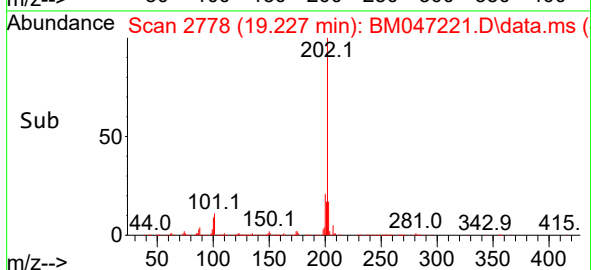
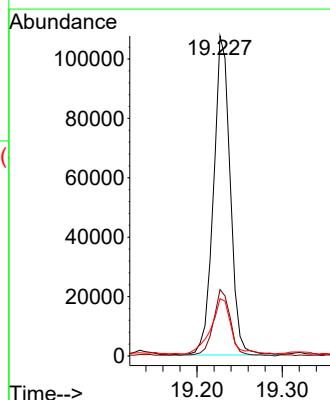
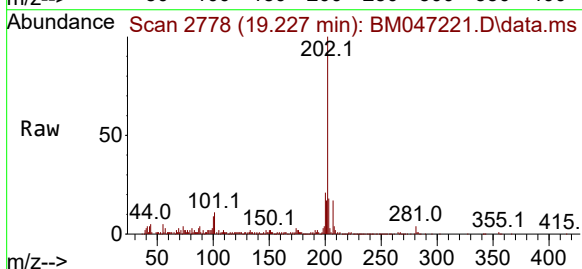
Tgt Ion:202 Resp: 146360

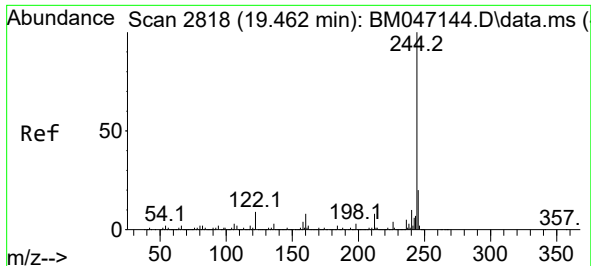
Ion Ratio Lower Upper

202 100

200 20.8 17.2 25.8

203 17.9 14.2 21.2

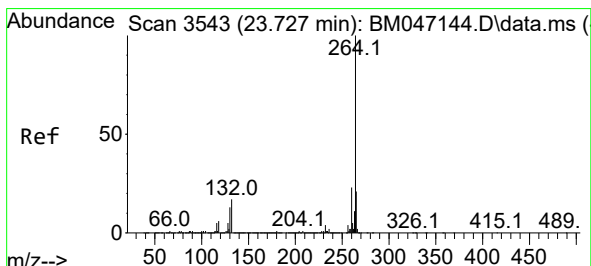
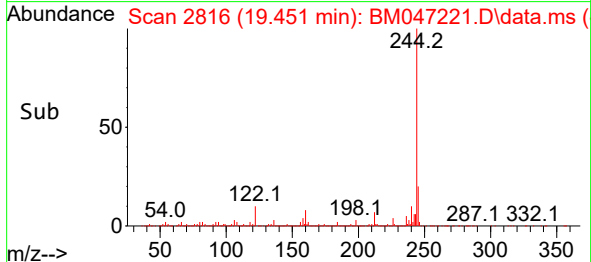
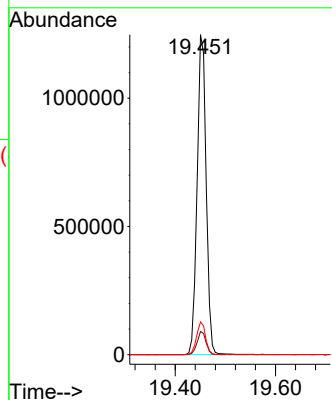
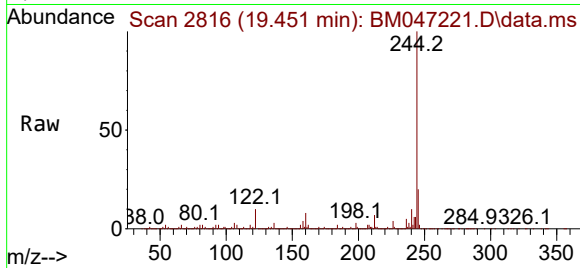




#79
Terphenyl-d14
Concen: 35.060 ng
RT: 19.451 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM047221.D
Acq: 15 Aug 2024 18:53

Instrument :
BNA_M
ClientSampleId :
OU4-TS-04-080724

Tgt Ion:244 Resp: 1559342
Ion Ratio Lower Upper
244 100
212 7.3 6.2 9.4
122 10.2 7.1 10.7



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.721 min Scan# 3542
Delta R.T. -0.006 min
Lab File: BM047221.D
Acq: 15 Aug 2024 18:53

Tgt Ion:264 Resp: 1083116
Ion Ratio Lower Upper
264 100
260 23.1 18.5 27.7
265 21.3 17.3 25.9

