

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042325\
 Data File : BM050019.D
 Acq On : 23 Apr 2025 18:32
 Operator : RC/JU
 Sample : Q1859-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 COMP-3

Quant Time: Apr 24 02:01:24 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 09 04:00:55 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

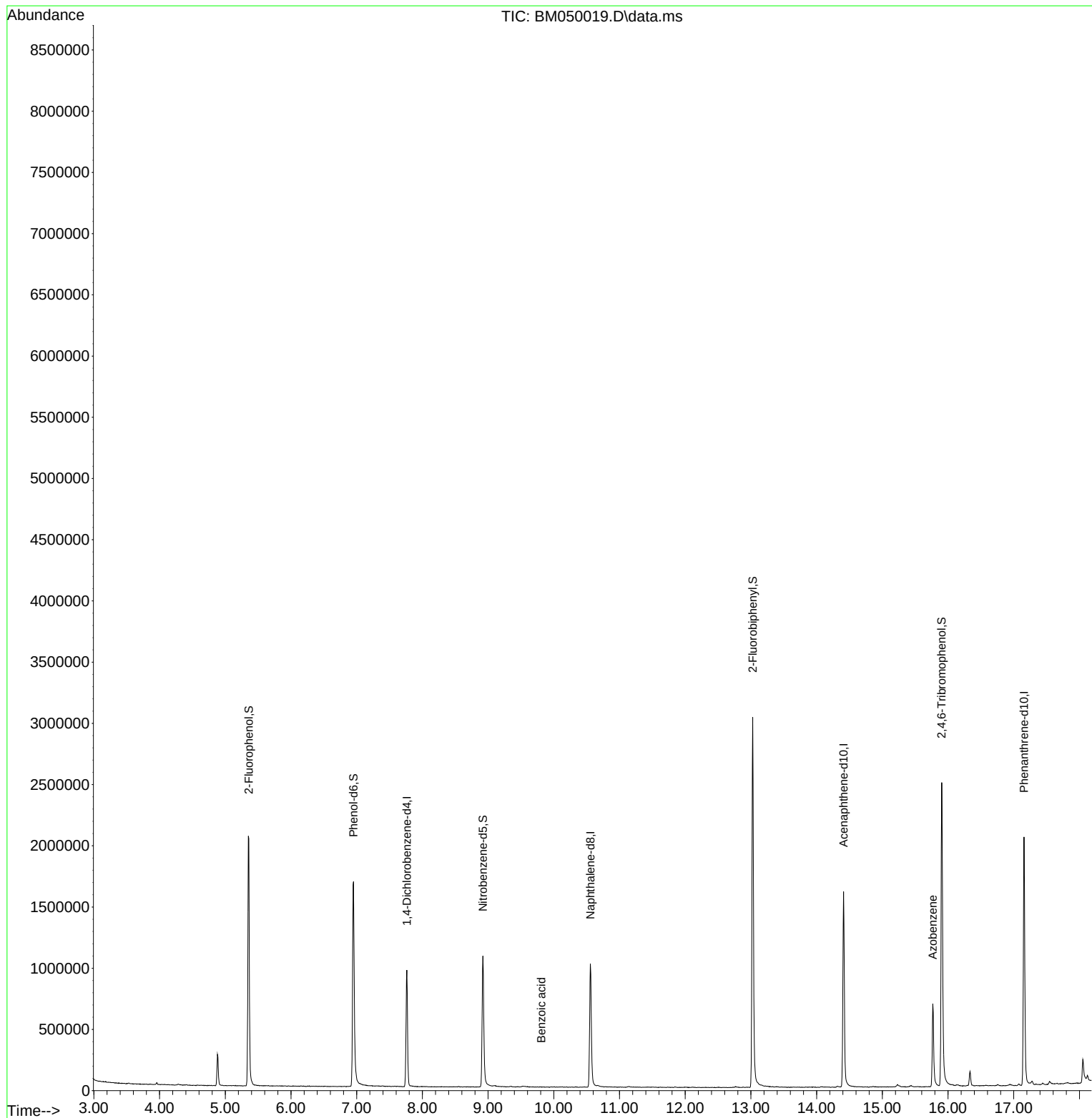
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	282804	20.000	ng	-0.02
21) Naphthalene-d8	10.557	136	968402	20.000	ng	-0.02
39) Acenaphthene-d10	14.410	164	646669	20.000	ng	-0.01
64) Phenanthrene-d10	17.157	188	1334716	20.000	ng	0.00
76) Chrysene-d12	21.398	240	1370111	20.000	ng	0.00
86) Perylene-d12	24.397	264	1431646	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	999953	60.041	ng	0.00
7) Phenol-d6	6.951	99	1189774	57.418	ng	0.00
23) Nitrobenzene-d5	8.922	82	711029	40.886	ng	-0.01
42) 2,4,6-Tribromophenol	15.904	330	595804	63.343	ng	0.00
45) 2-Fluorobiphenyl	13.027	172	1879326	39.408	ng	-0.02
79) Terphenyl-d14	19.780	244	3206627	43.861	ng	-0.01
Target Compounds						
32) Benzoic acid	9.810	122	66	8.543	ng	# 19
63) Azobenzene	15.768	77	214284	5.721	ng	# 1

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

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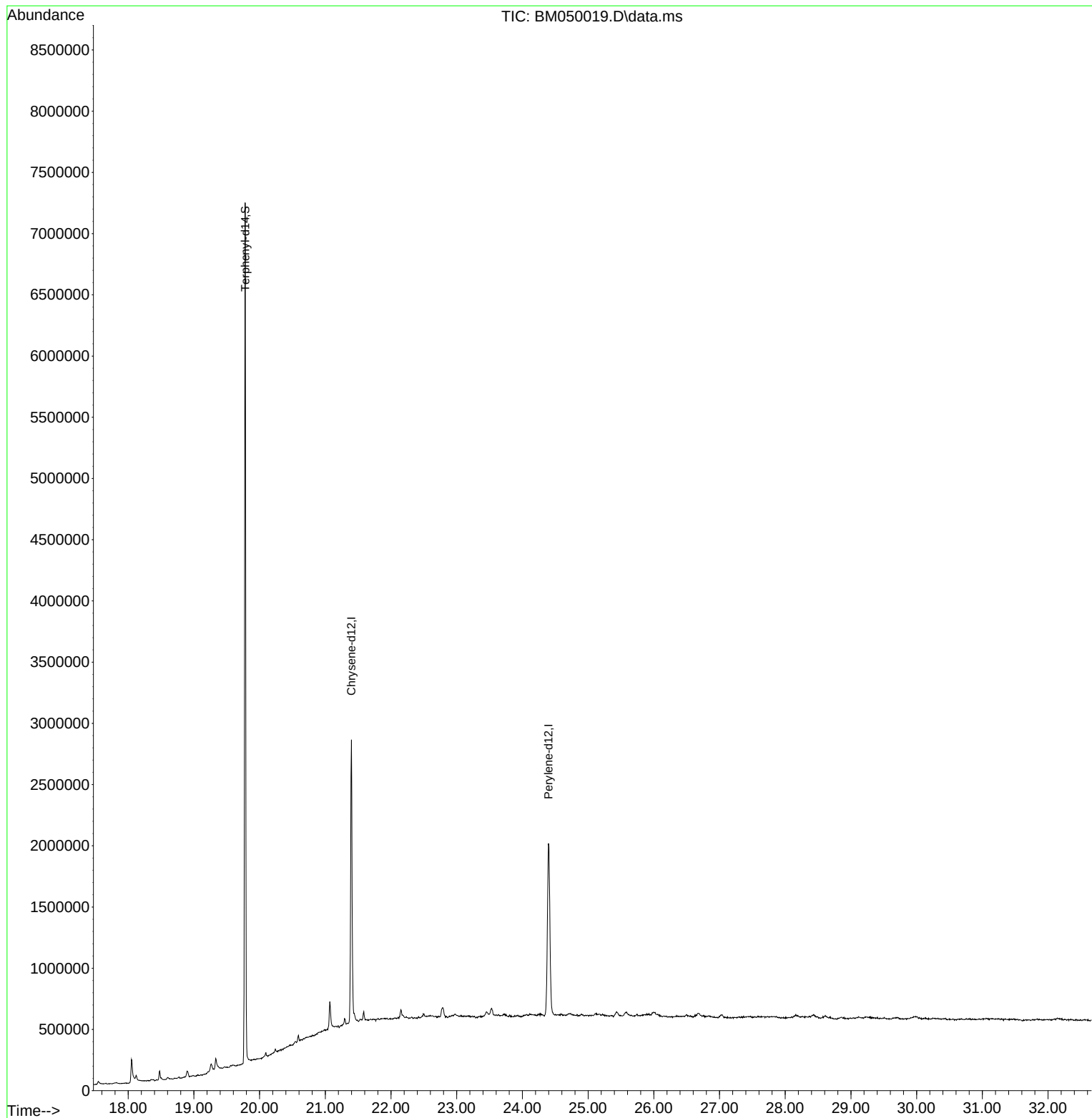
Quant Time: Apr 24 02:01:24 2025
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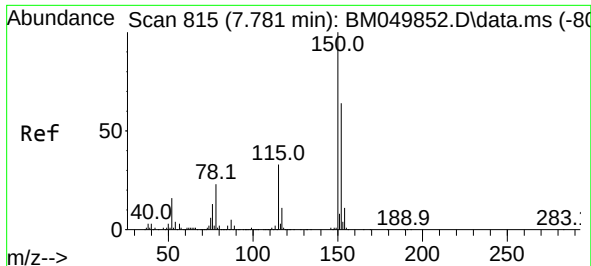


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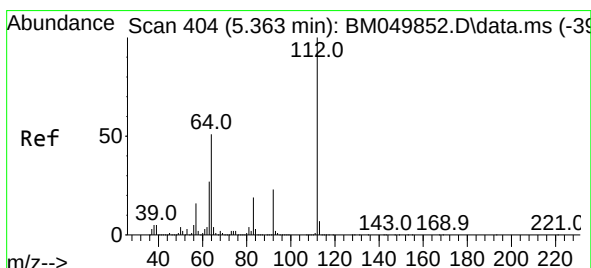
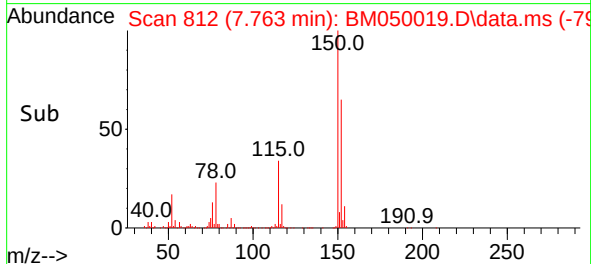
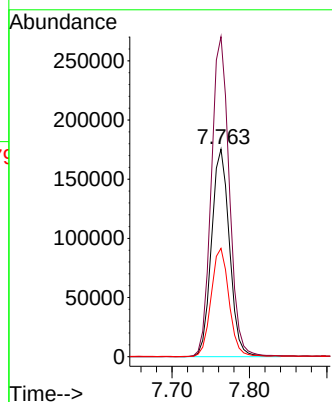
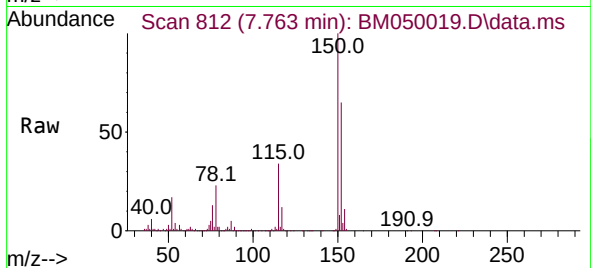




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 815
Delta R.T. -0.018 min
Lab File: BM050019.D
Acq: 23 Apr 2025 18:32

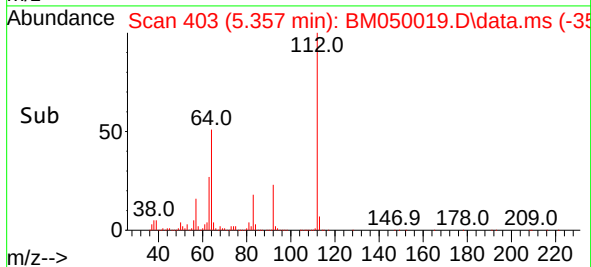
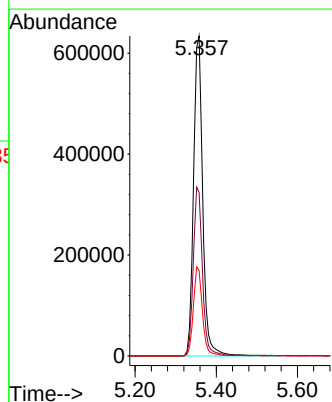
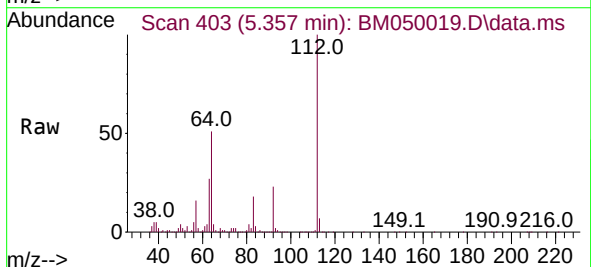
Instrument :
BNA_M
ClientSampleId :
COMP-3

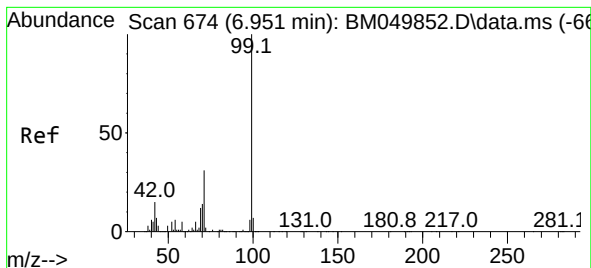
Tgt Ion:152 Resp: 282804
Ion Ratio Lower Upper
152 100
150 154.2 124.3 186.5
115 52.2 41.1 61.7



#5
2-Fluorophenol
Concen: 60.041 ng
RT: 5.357 min Scan# 403
Delta R.T. -0.006 min
Lab File: BM050019.D
Acq: 23 Apr 2025 18:32

Tgt Ion:112 Resp: 999953
Ion Ratio Lower Upper
112 100
64 51.1 41.0 61.6
63 26.7 21.5 32.3





#7

Phenol-d6

Concen: 57.418 ng

RT: 6.951 min Scan# 61

Delta R.T. 0.000 min

Lab File: BM050019.D

Acq: 23 Apr 2025 18:32

Instrument :

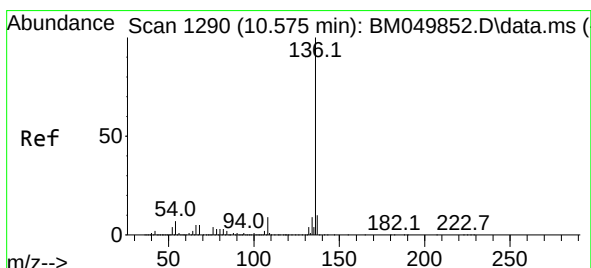
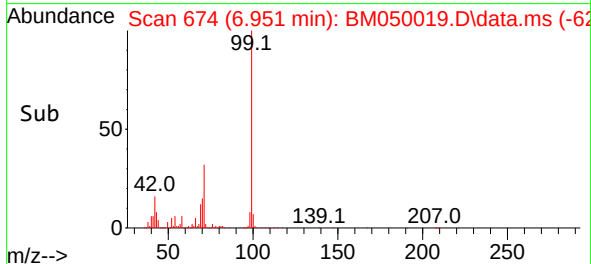
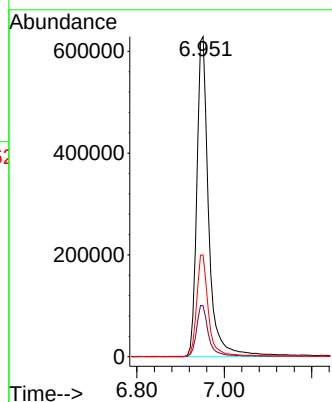
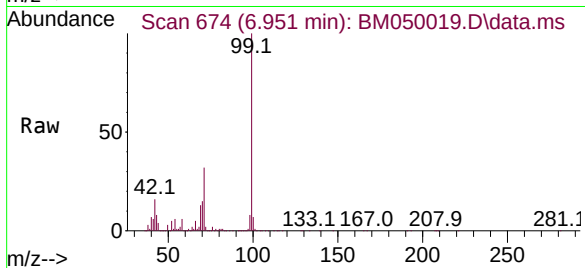
BNA_M

ClientSampleId :

COMP-3

Tgt Ion: 99 Resp: 1189774

Ion	Ratio	Lower	Upper
99	100		
42	15.9	12.1	18.1
71	31.8	24.9	37.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.557 min Scan# 1287

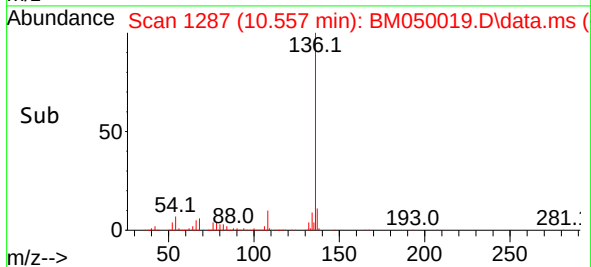
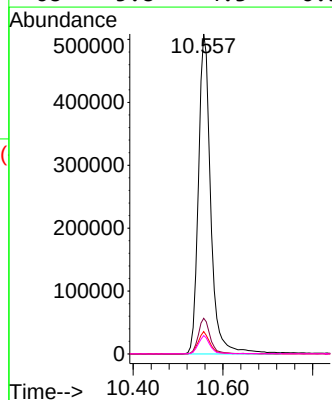
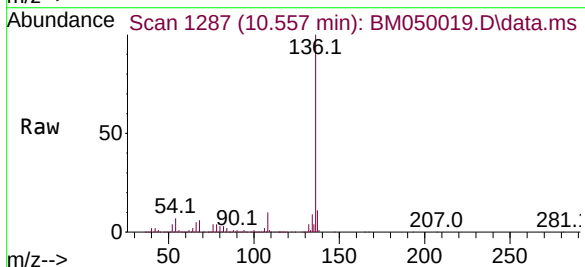
Delta R.T. -0.018 min

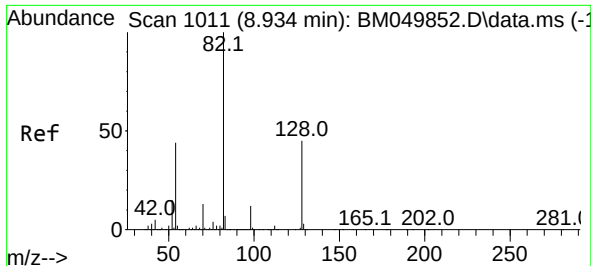
Lab File: BM050019.D

Acq: 23 Apr 2025 18:32

Tgt Ion: 136 Resp: 968402

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	7.0	5.3	7.9
68	5.8	4.3	6.5

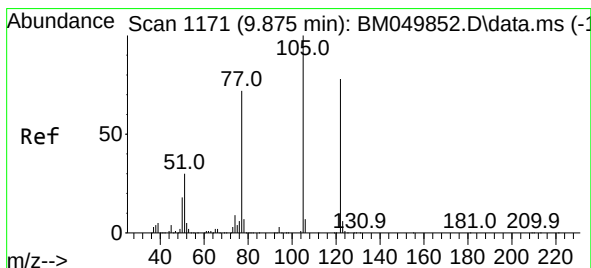
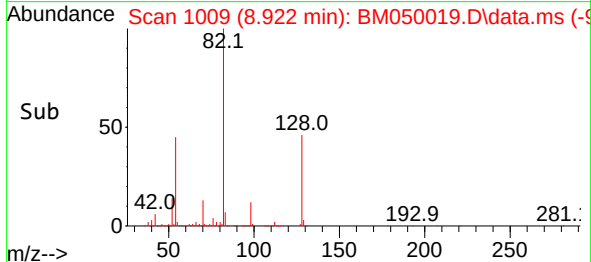
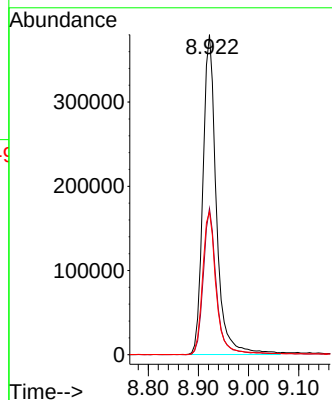
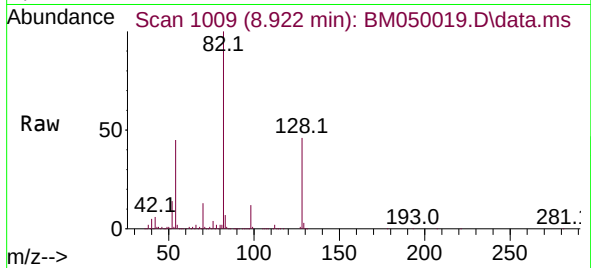




#23
Nitrobenzene-d5
Concen: 40.886 ng
RT: 8.922 min Scan# 110
Delta R.T. -0.012 min
Lab File: BM050019.D
Acq: 23 Apr 2025 18:32

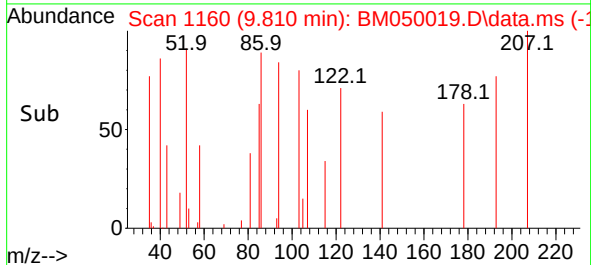
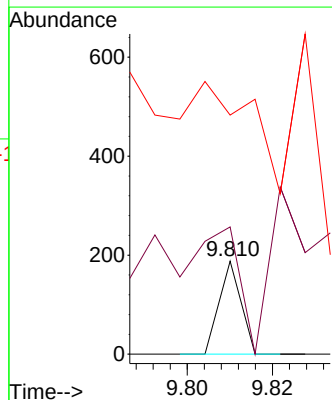
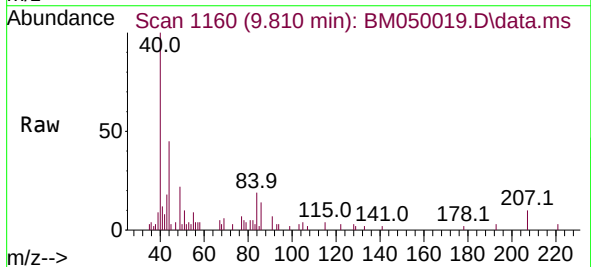
Instrument :
BNA_M
ClientSampleId :
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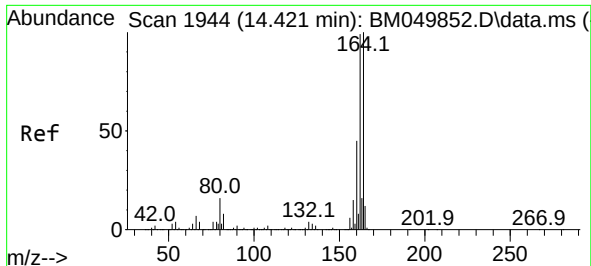
Tgt Ion: 82 Resp: 711029
Ion Ratio Lower Upper
82 100
128 45.7 36.2 54.2
54 44.7 35.0 52.6



#32
Benzoic acid
Concen: 8.543 ng
RT: 9.810 min Scan# 1160
Delta R.T. -0.065 min
Lab File: BM050019.D
Acq: 23 Apr 2025 18:32

Tgt Ion:122 Resp: 66
Ion Ratio Lower Upper
122 100
105 136.7 103.8 143.8
77 256.9 70.7 110.7#

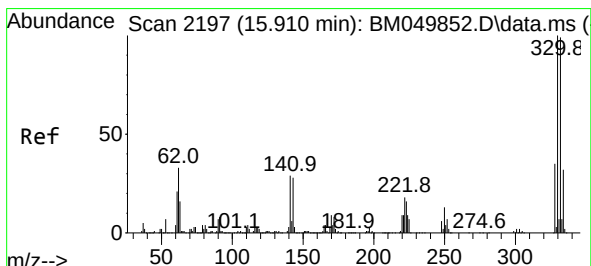
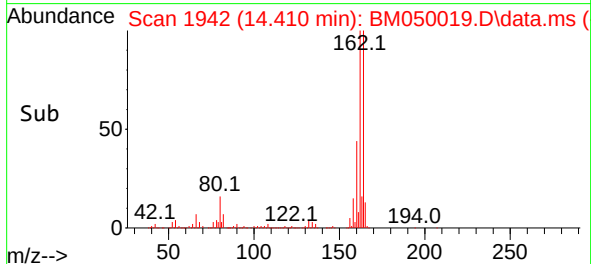
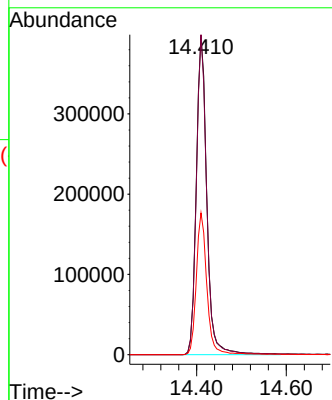
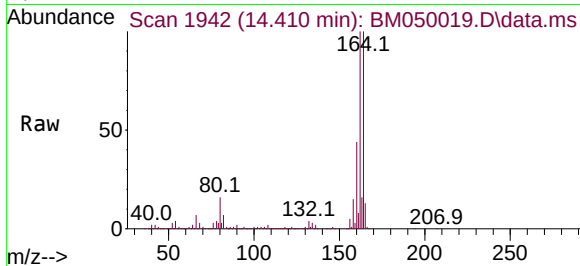




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1942
Delta R.T. -0.012 min
Lab File: BM050019.D
Acq: 23 Apr 2025 18:32

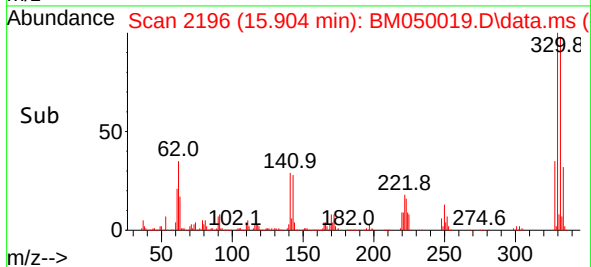
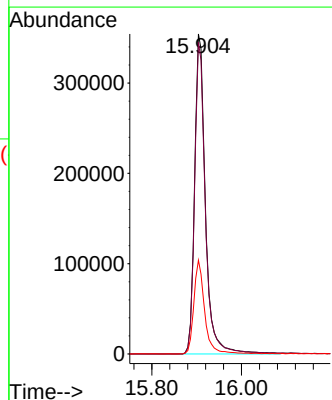
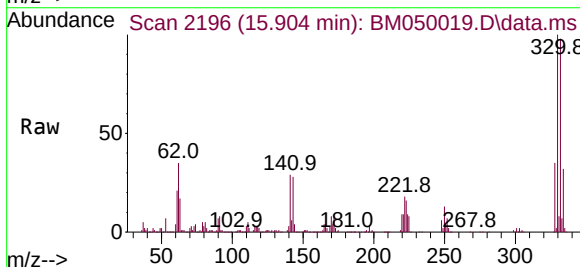
Instrument :
BNA_M
ClientSampleId :
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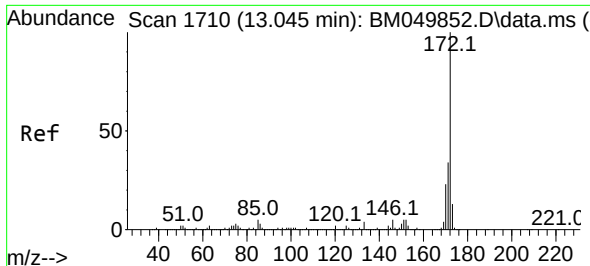
Tgt Ion:164 Resp: 646669
Ion Ratio Lower Upper
164 100
162 100.3 79.4 119.0
160 44.4 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 63.343 ng
RT: 15.904 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BM050019.D
Acq: 23 Apr 2025 18:32

Tgt Ion:330 Resp: 595804
Ion Ratio Lower Upper
330 100
332 96.6 78.0 117.0
141 29.2 23.5 35.3

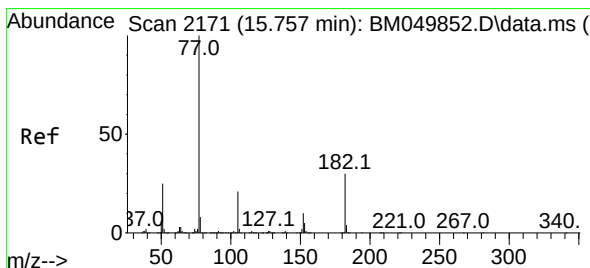
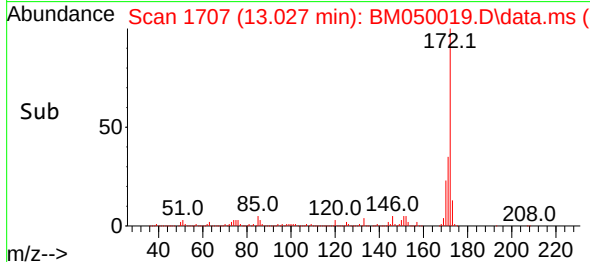
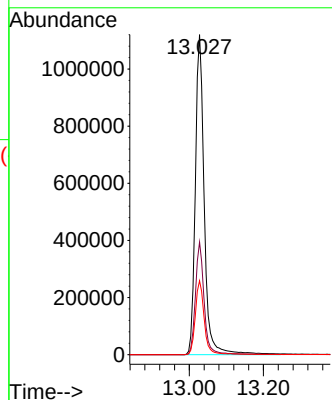
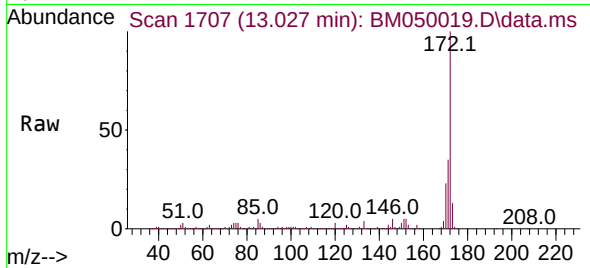




#45
2-Fluorobiphenyl
Concen: 39.408 ng
RT: 13.027 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM050019.D
Acq: 23 Apr 2025 18:32

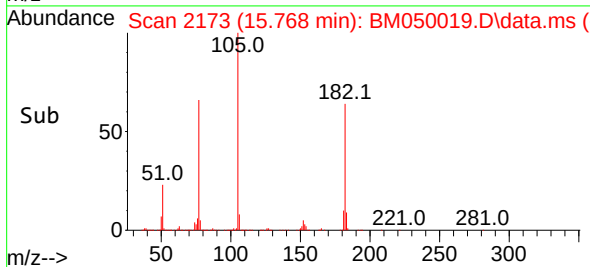
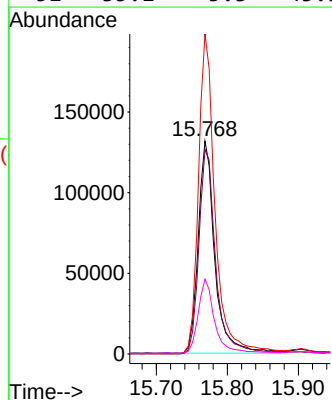
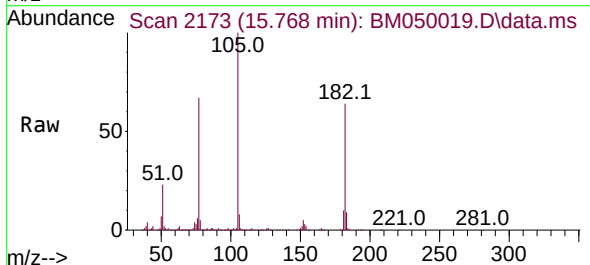
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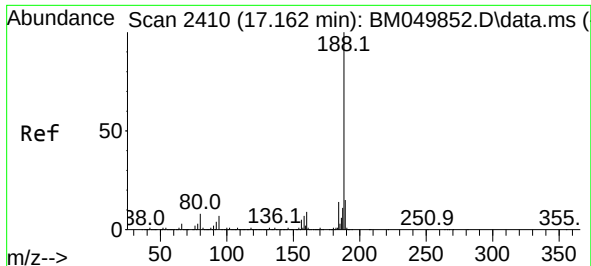
Tgt Ion:172 Resp: 1879326
Ion Ratio Lower Upper
172 100
171 35.2 27.4 41.2
170 23.1 18.6 28.0



#63
Azobenzene
Concen: 5.721 ng
RT: 15.768 min Scan# 2173
Delta R.T. 0.012 min
Lab File: BM050019.D
Acq: 23 Apr 2025 18:32

Tgt Ion: 77 Resp: 214284
Ion Ratio Lower Upper
77 100
182 96.1 10.4 50.4#
105 150.3 1.5 41.5#
51 35.1 5.3 45.3

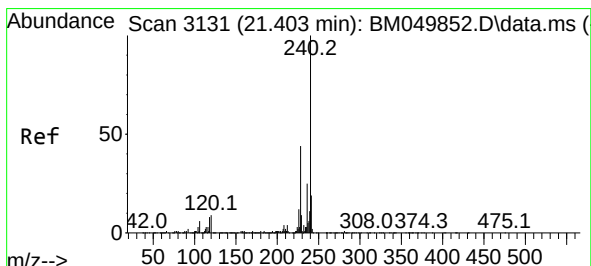
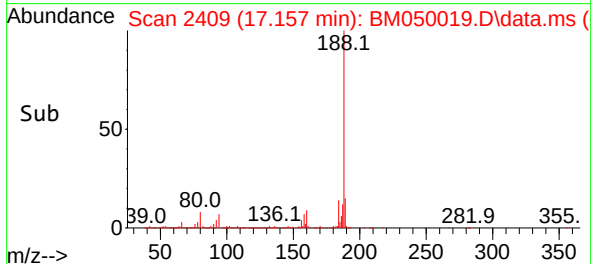
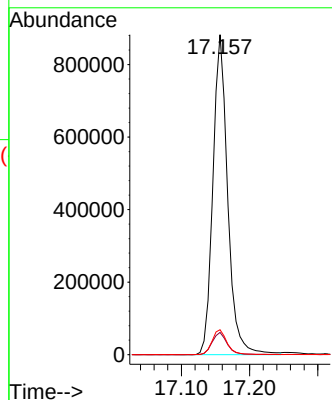
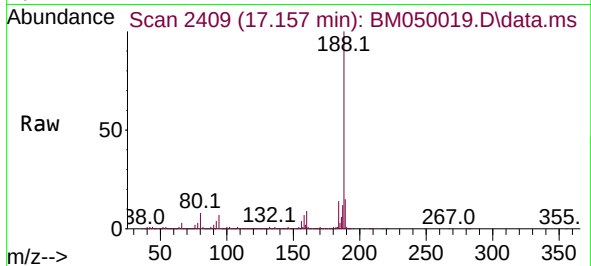




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 2410
Delta R.T. -0.006 min
Lab File: BM050019.D
Acq: 23 Apr 2025 18:32

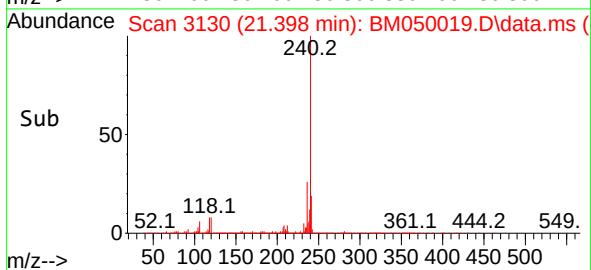
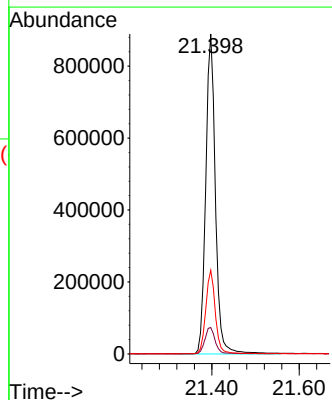
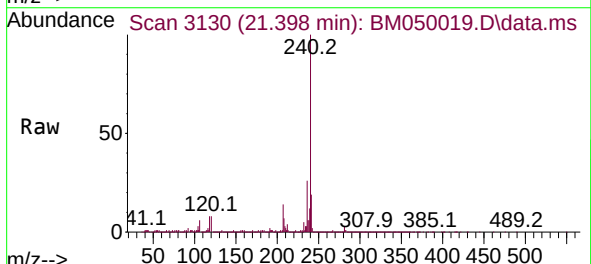
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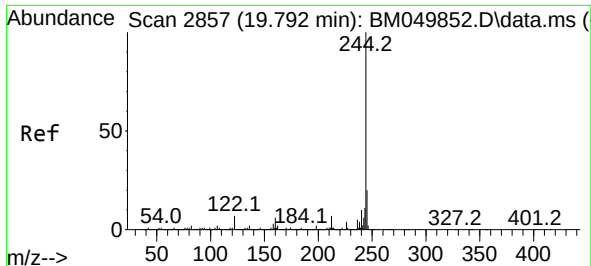
Tgt Ion:188 Resp: 1334716
Ion Ratio Lower Upper
188 100
94 6.9 5.8 8.6
80 7.8 6.4 9.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.398 min Scan# 3130
Delta R.T. -0.006 min
Lab File: BM050019.D
Acq: 23 Apr 2025 18:32

Tgt Ion:240 Resp: 1370111
Ion Ratio Lower Upper
240 100
120 8.3 6.9 10.3
236 26.2 20.4 30.6

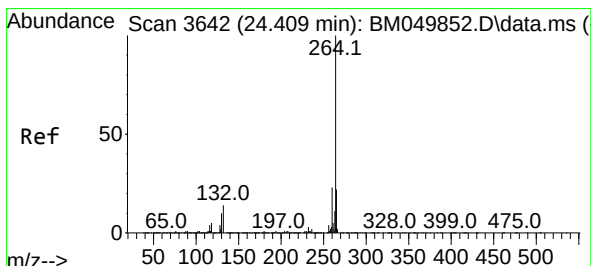
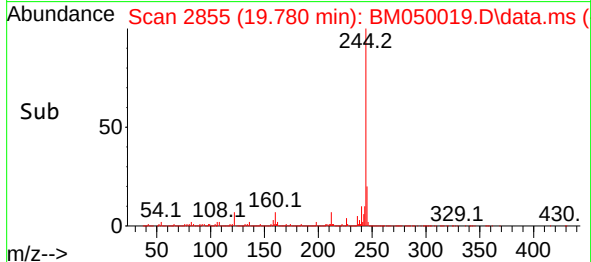
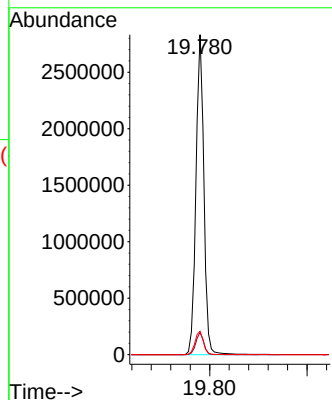
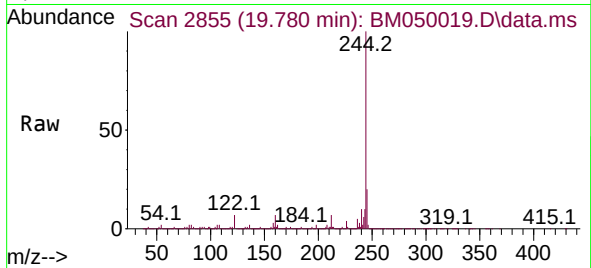




#79
 Terphenyl-d14
 Concen: 43.861 ng
 RT: 19.780 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM050019.D
 Acq: 23 Apr 2025 18:32

Instrument :
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 ClientSampleId :
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Tgt Ion:244 Resp: 3206627
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.5 8.3
 122 7.3 5.4 8.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.397 min Scan# 3640
 Delta R.T. -0.012 min
 Lab File: BM050019.D
 Acq: 23 Apr 2025 18:32

Tgt Ion:264 Resp: 1431646
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.6 28.0
 265 22.2 17.8 26.8

