

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM043025\
 Data File : BM050045.D
 Acq On : 30 Apr 2025 14:46
 Operator : RC/JU
 Sample : Q1883-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OU4-PCS-TC-28-042325

Quant Time: Apr 30 15:21:27 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 18:09:16 2025
 Response via : Initial Calibration

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

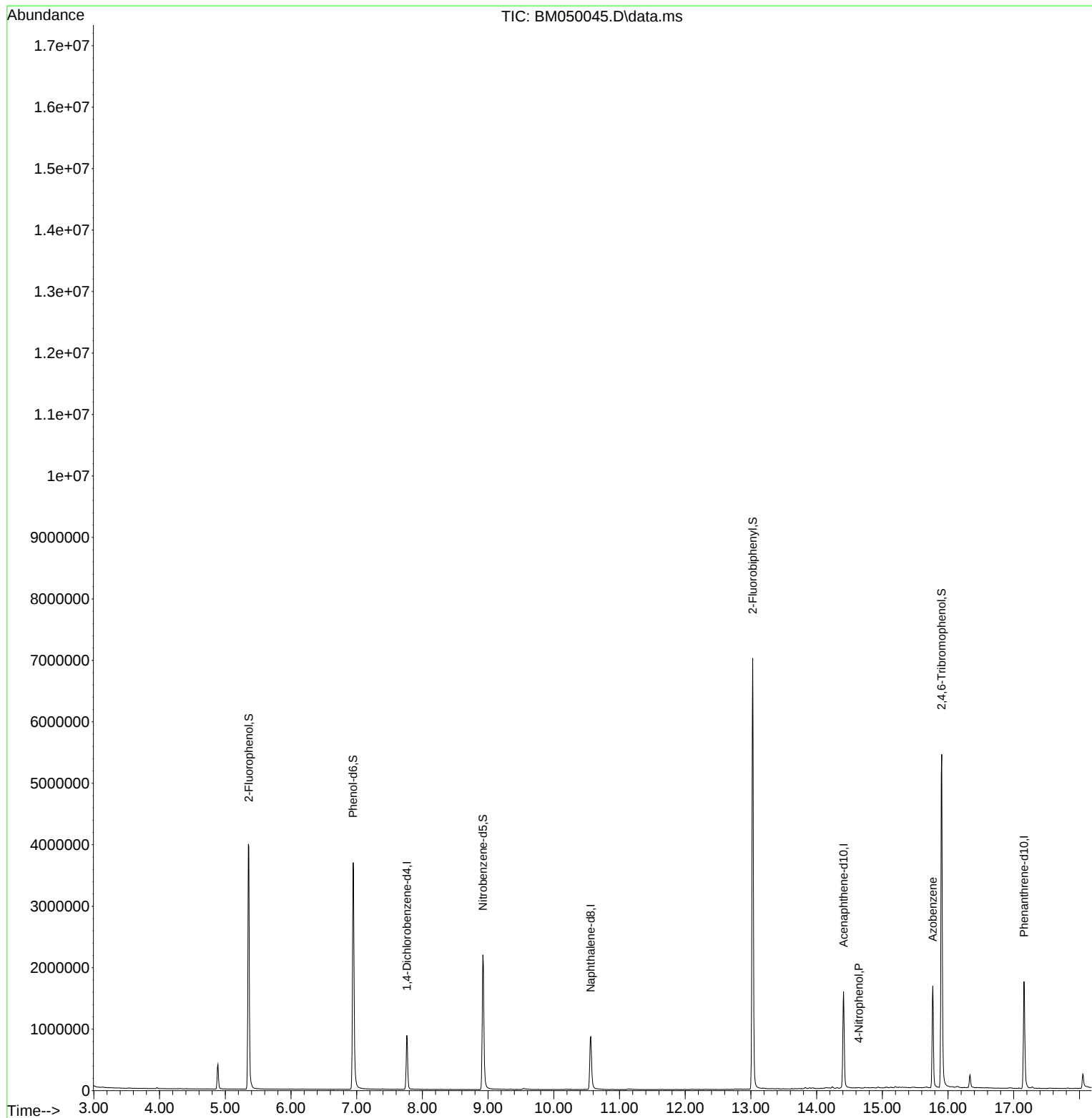
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	255861	20.000	ng	0.00
21) Naphthalene-d8	10.563	136	900438	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	601047	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	1156785	20.000	ng	0.00
76) Chrysene-d12	21.398	240	1062348	20.000	ng	0.00
86) Perylene-d12	24.397	264	1116272	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	1891570	129.456	ng	0.00
7) Phenol-d6	6.946	99	2358346	128.415	ng	0.00
23) Nitrobenzene-d5	8.922	82	1415424	77.459	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	1164895	131.074	ng	0.00
45) 2-Fluorobiphenyl	13.028	172	3930797	77.366	ng	0.00
79) Terphenyl-d14	19.780	244	6533234	91.001	ng	0.00
Target Compounds						
56) 4-Nitrophenol	14.645	139	53	4.541	ng	# 1
63) Azobenzene	15.769	77	469842	13.545	ng	# 1

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

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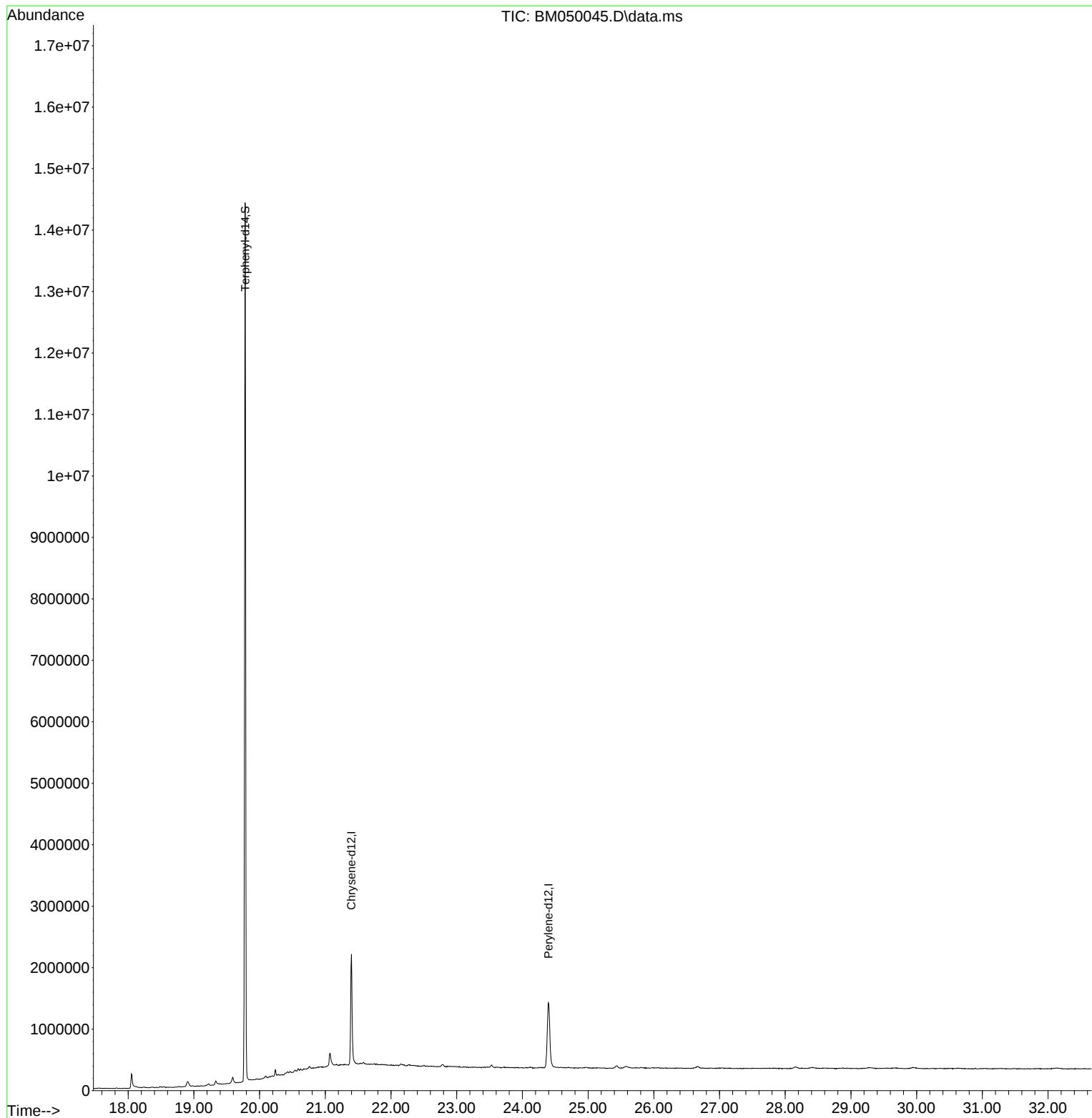
Quant Time: Apr 30 15:21:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
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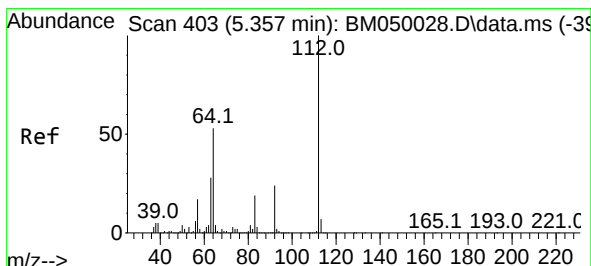
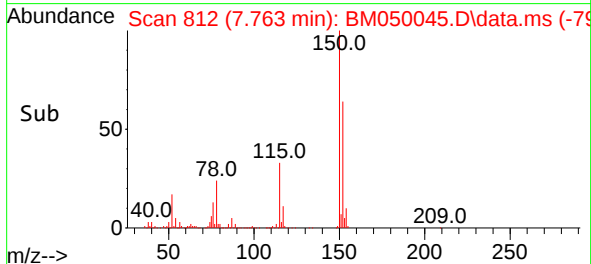
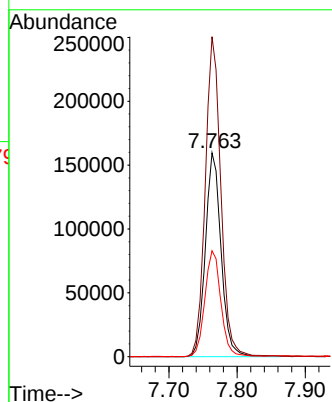
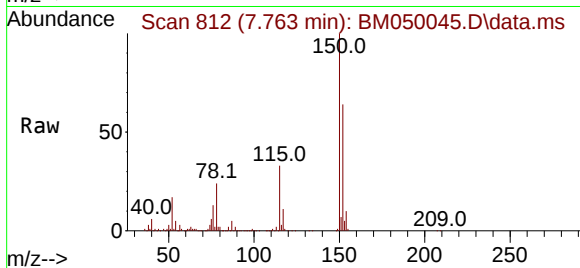




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 813
Delta R.T. -0.006 min
Lab File: BM050045.D
Acq: 30 Apr 2025 14:46

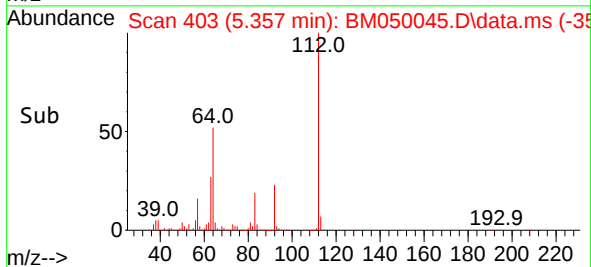
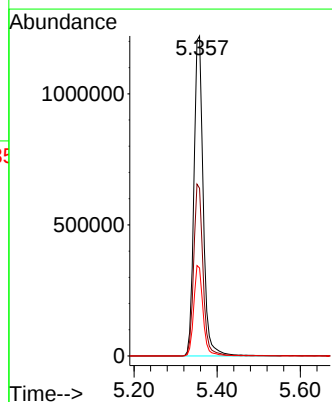
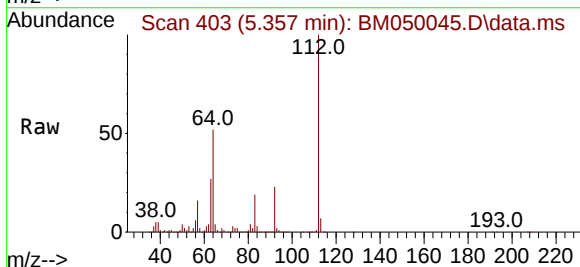
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BNA_M
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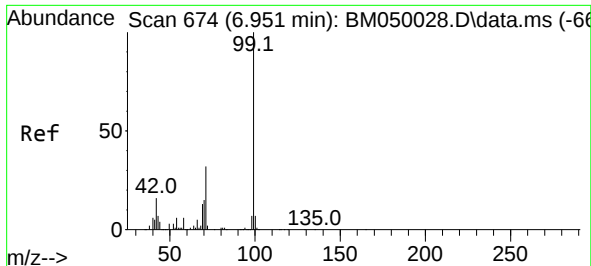
Tgt Ion:152 Resp: 255861
Ion Ratio Lower Upper
152 100
150 157.0 124.1 186.1
115 52.0 41.2 61.8



#5
2-Fluorophenol
Concen: 129.456 ng
RT: 5.357 min Scan# 403
Delta R.T. 0.000 min
Lab File: BM050045.D
Acq: 30 Apr 2025 14:46

Tgt Ion:112 Resp: 1891570
Ion Ratio Lower Upper
112 100
64 52.4 42.6 64.0
63 27.5 22.2 33.4

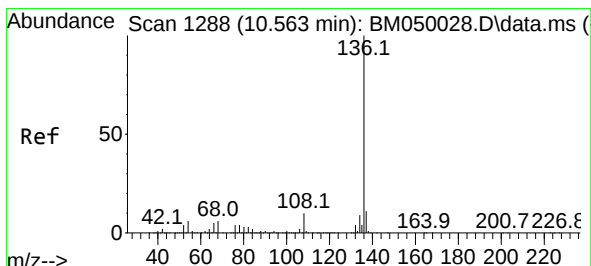
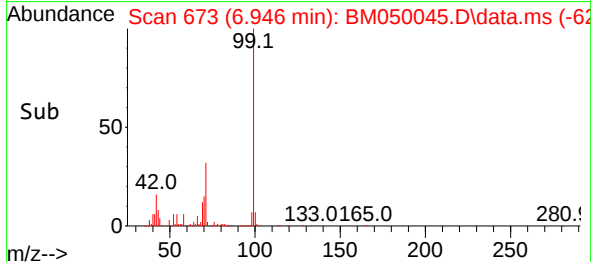
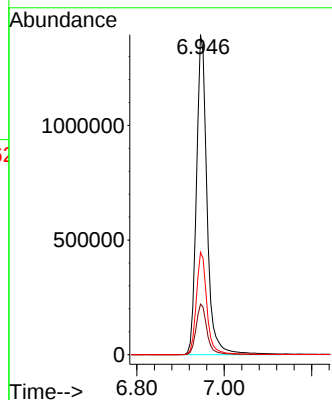
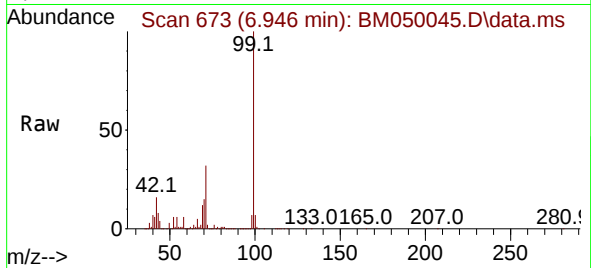




#7
Phenol-d6
Concen: 128.415 ng
RT: 6.946 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM050045.D
Acq: 30 Apr 2025 14:46

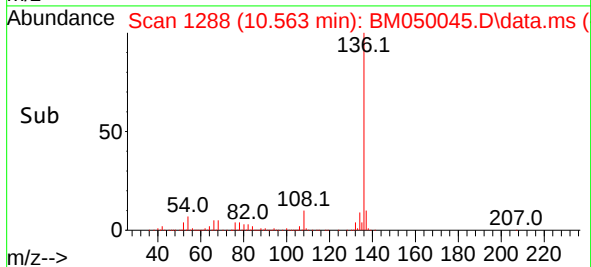
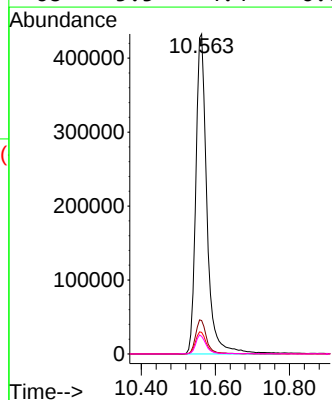
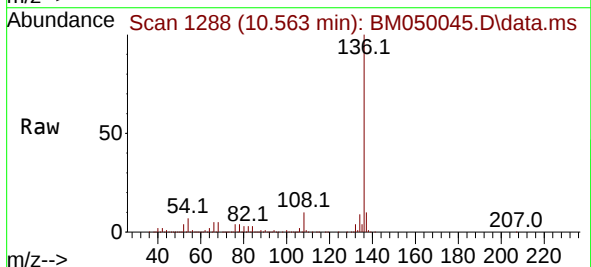
Instrument :
BNA_M
ClientSampleId :
OU4-PCS-TC-28-042325

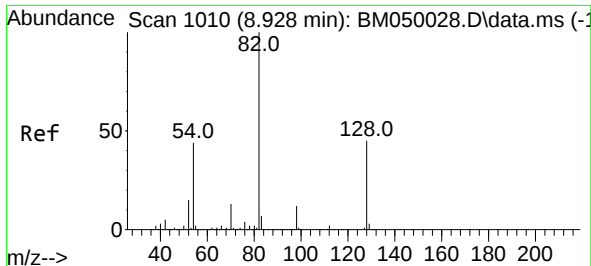
Tgt Ion: 99 Resp: 2358346
Ion Ratio Lower Upper
99 100
42 15.8 13.0 19.4
71 32.0 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BM050045.D
Acq: 30 Apr 2025 14:46

Tgt Ion: 136 Resp: 900438
Ion Ratio Lower Upper
136 100
137 10.4 8.9 13.3
54 6.8 5.1 7.7
68 5.5 4.4 6.6

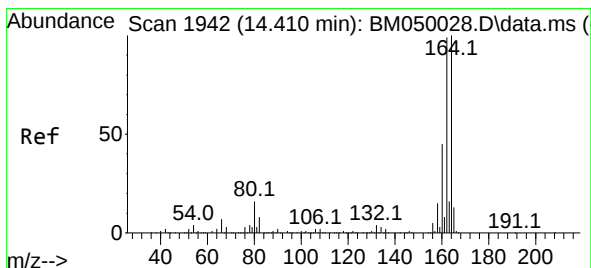
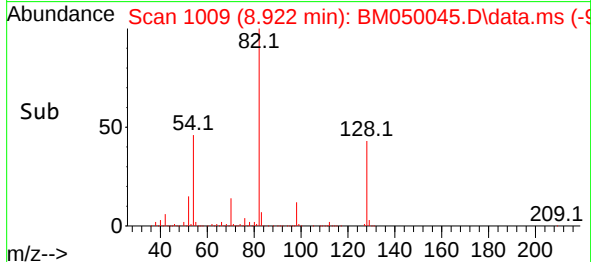
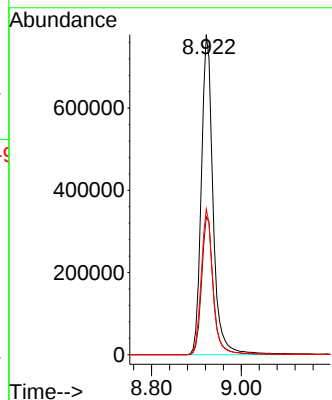
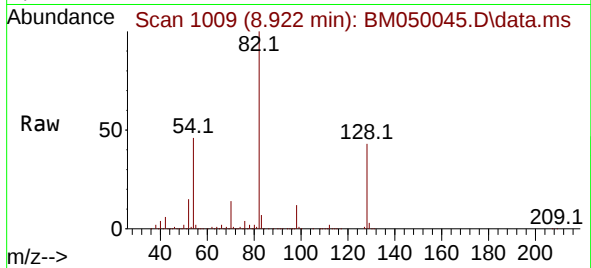




#23
Nitrobenzene-d5
Concen: 77.459 ng
RT: 8.922 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BM050045.D
Acq: 30 Apr 2025 14:46

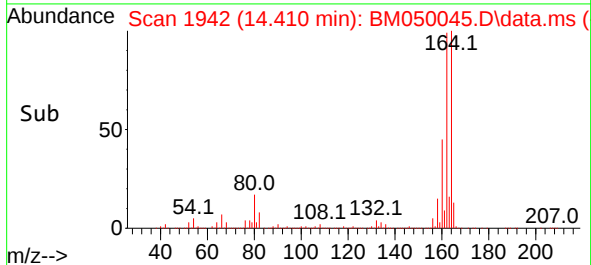
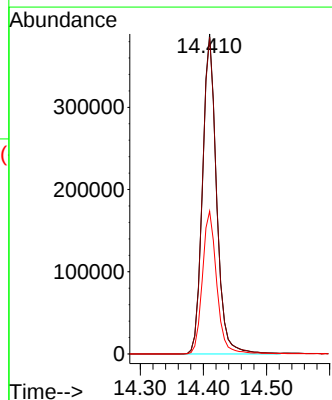
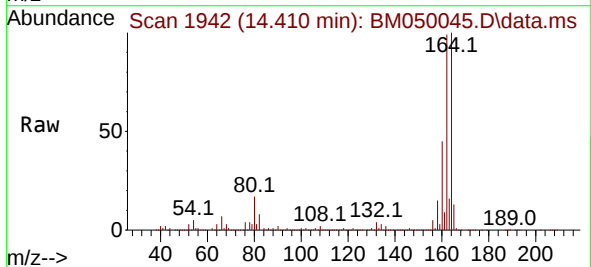
Instrument :
BNA_M
ClientSampleId :
OU4-PCS-TC-28-042325

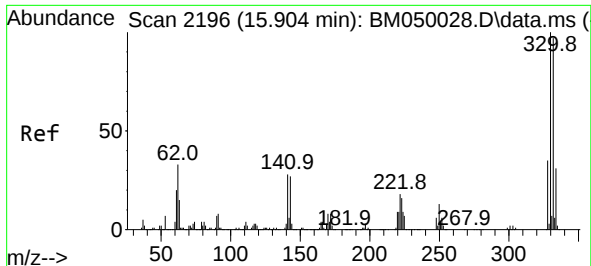
Tgt Ion: 82 Resp: 1415424
Ion Ratio Lower Upper
82 100
128 43.1 35.7 53.5
54 45.5 35.4 53.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1942
Delta R.T. -0.000 min
Lab File: BM050045.D
Acq: 30 Apr 2025 14:46

Tgt Ion:164 Resp: 601047
Ion Ratio Lower Upper
164 100
162 99.0 79.4 119.0
160 44.6 36.2 54.4

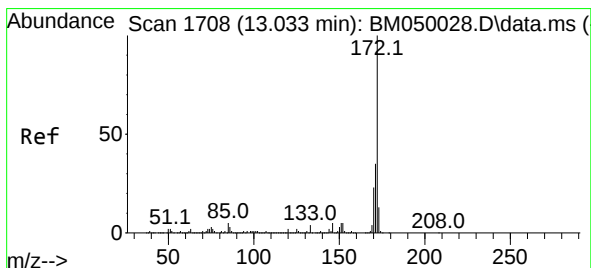
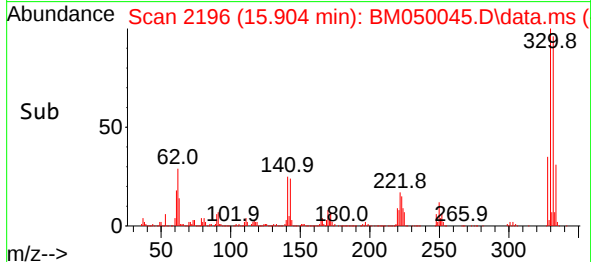
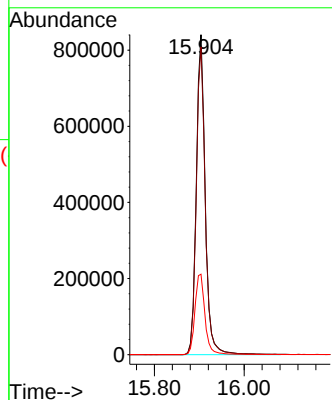
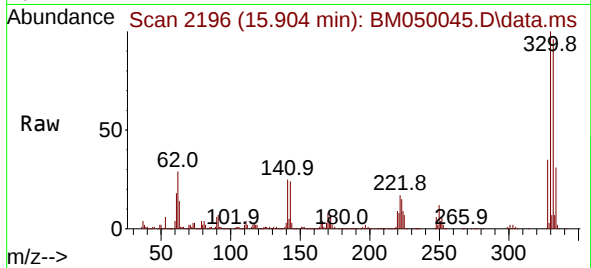




#42
2,4,6-Tribromophenol
Concen: 131.074 ng
RT: 15.904 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BM050045.D
Acq: 30 Apr 2025 14:46

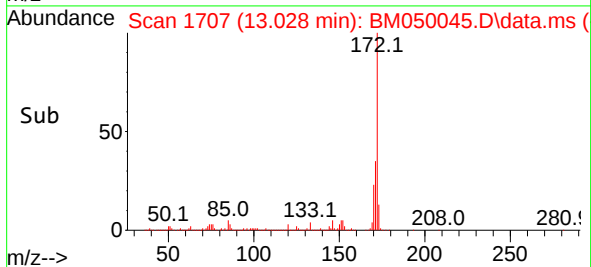
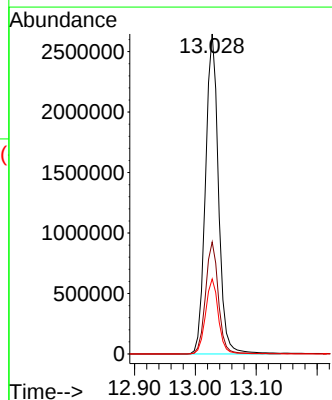
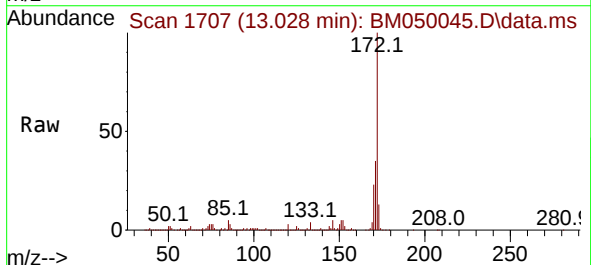
Instrument :
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ClientSampleId :
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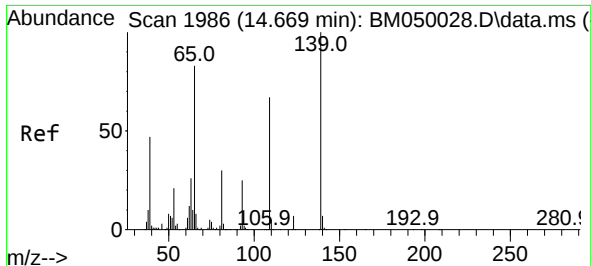
Tgt Ion:330 Resp: 1164895
Ion Ratio Lower Upper
330 100
332 96.4 77.3 115.9
141 28.1 22.5 33.7



#45
2-Fluorobiphenyl
Concen: 77.366 ng
RT: 13.028 min Scan# 1707
Delta R.T. -0.006 min
Lab File: BM050045.D
Acq: 30 Apr 2025 14:46

Tgt Ion:172 Resp: 3930797
Ion Ratio Lower Upper
172 100
171 35.0 27.8 41.6
170 23.4 18.6 28.0

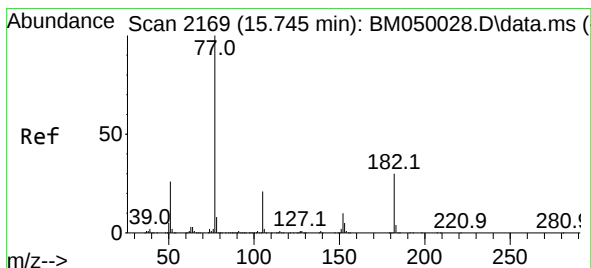
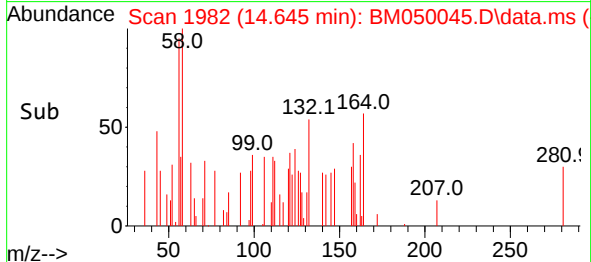
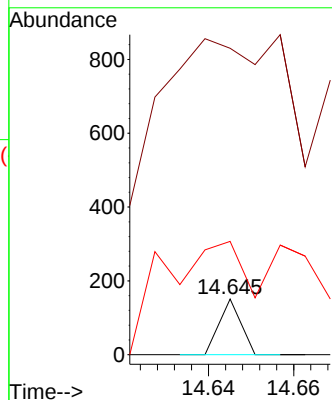
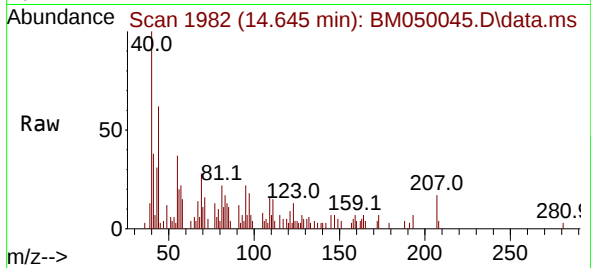




#56
4-Nitrophenol
Concen: 4.541 ng
RT: 14.645 min Scan# 1986
Delta R.T. -0.024 min
Lab File: BM050045.D
Acq: 30 Apr 2025 14:46

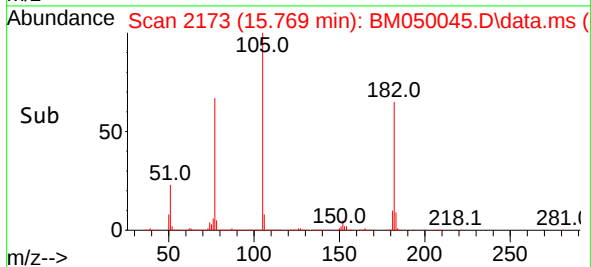
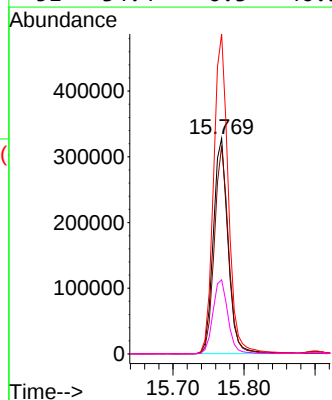
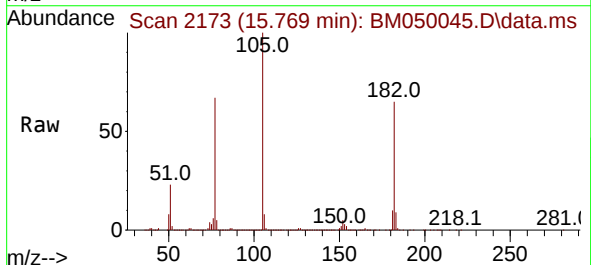
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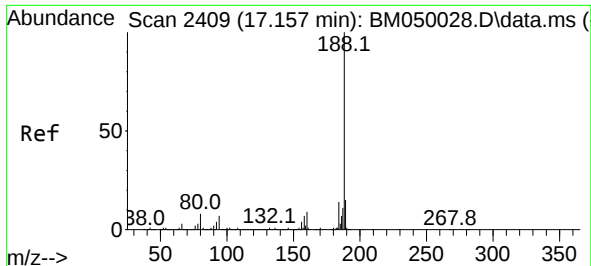
Tgt Ion:139 Resp: 53
Ion Ratio Lower Upper
139 100
109 549.7 47.0 87.0#
65 203.3 64.3 104.3#



#63
Azobenzene
Concen: 13.545 ng
RT: 15.769 min Scan# 2173
Delta R.T. 0.024 min
Lab File: BM050045.D
Acq: 30 Apr 2025 14:46

Tgt Ion: 77 Resp: 469842
Ion Ratio Lower Upper
77 100
182 96.6 10.5 50.5#
105 148.5 1.1 41.1#
51 34.4 6.3 46.3

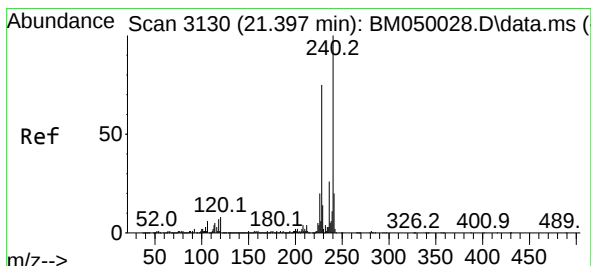
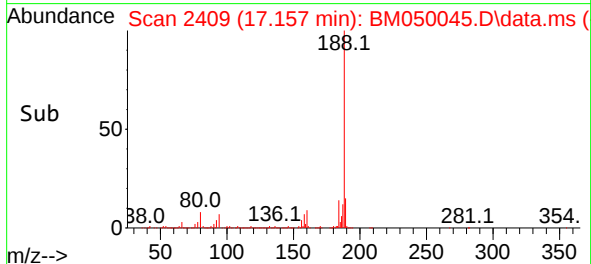
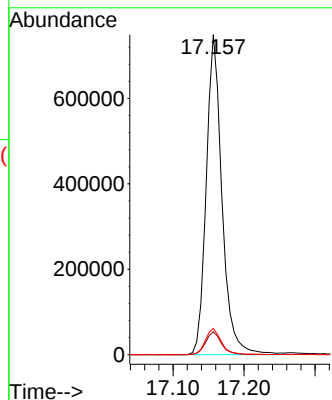
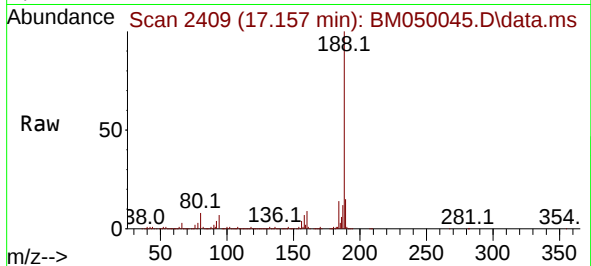




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 2409
Delta R.T. -0.000 min
Lab File: BM050045.D
Acq: 30 Apr 2025 14:46

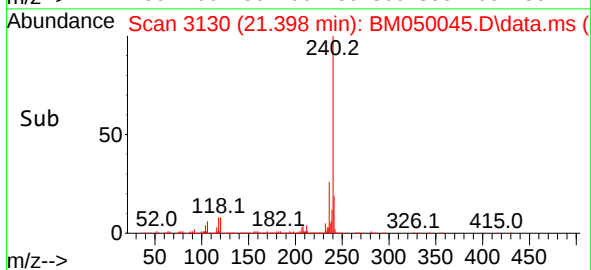
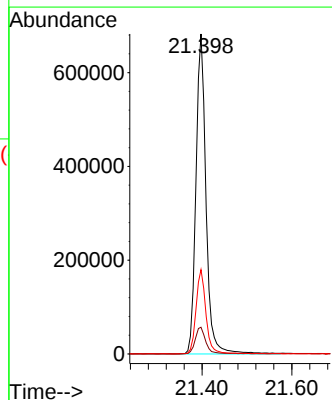
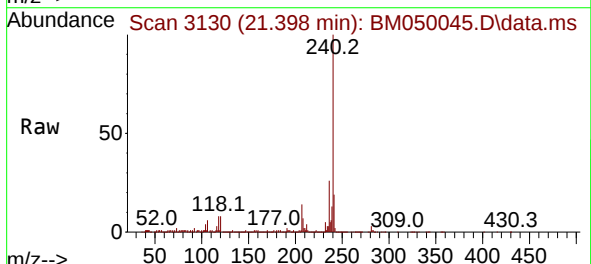
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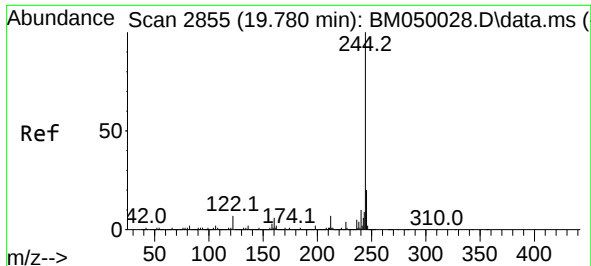
Tgt Ion:188 Resp: 1156785
Ion Ratio Lower Upper
188 100
94 7.2 5.7 8.5
80 8.2 6.2 9.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.398 min Scan# 3130
Delta R.T. 0.001 min
Lab File: BM050045.D
Acq: 30 Apr 2025 14:46

Tgt Ion:240 Resp: 1062348
Ion Ratio Lower Upper
240 100
120 8.4 6.5 9.7
236 26.4 20.9 31.3

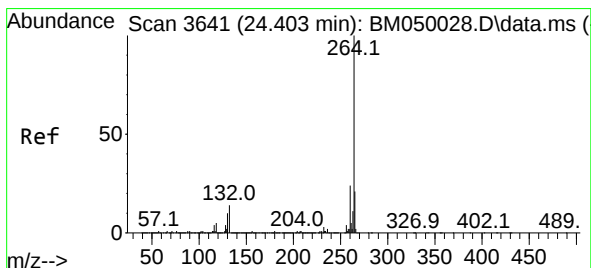
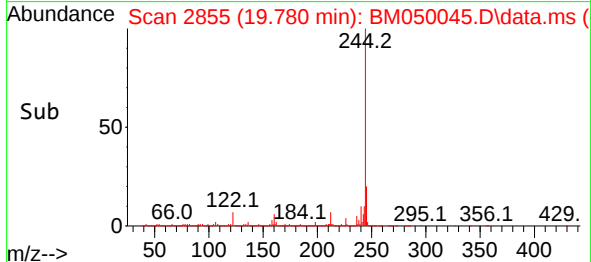
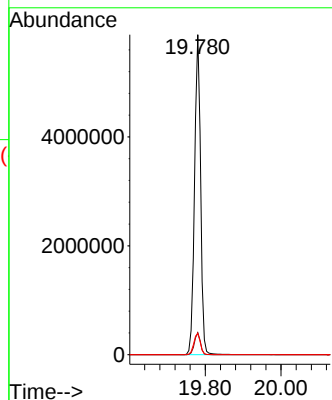
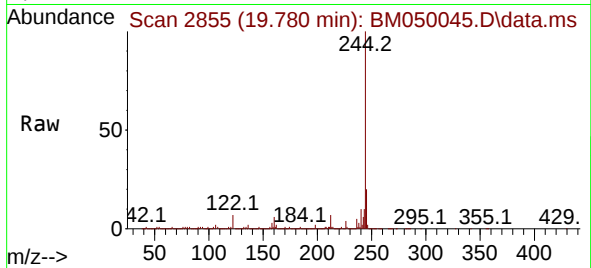




#79
 Terphenyl-d14
 Concen: 91.001 ng
 RT: 19.780 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM050045.D
 Acq: 30 Apr 2025 14:46

Instrument :
 BNA_M
 ClientSampleId :
 OU4-PCS-TC-28-042325

Tgt Ion:244 Resp: 6533234
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 6.6 5.6 8.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.397 min Scan# 3640
 Delta R.T. -0.006 min
 Lab File: BM050045.D
 Acq: 30 Apr 2025 14:46

Tgt Ion:264 Resp: 1116272
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.8 28.2
 265 22.2 17.0 25.4

