

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042125\
 Data File : BM049982.D
 Acq On : 21 Apr 2025 13:17
 Operator : RC/JU
 Sample : Q1832-30
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PL-714-COMP-05

Quant Time: Apr 21 14:08:52 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	395438	20.000	ng	-0.02
21) Naphthalene-d8	10.563	136	1392443	20.000	ng	-0.01
39) Acenaphthene-d10	14.410	164	914393	20.000	ng	-0.01
64) Phenanthrene-d10	17.157	188	1848628	20.000	ng	0.00
76) Chrysene-d12	21.397	240	1716566	20.000	ng	0.00
86) Perylene-d12	24.403	264	690309	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	2682630	115.197	ng	0.00
7) Phenol-d6	6.951	99	3080621	106.324	ng	0.00
23) Nitrobenzene-d5	8.928	82	2201090	88.024	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	1965853	147.807	ng	0.00
45) 2-Fluorobiphenyl	13.027	172	5595373	82.977	ng	-0.02
79) Terphenyl-d14	19.786	244	10388101	113.411	ng	0.00

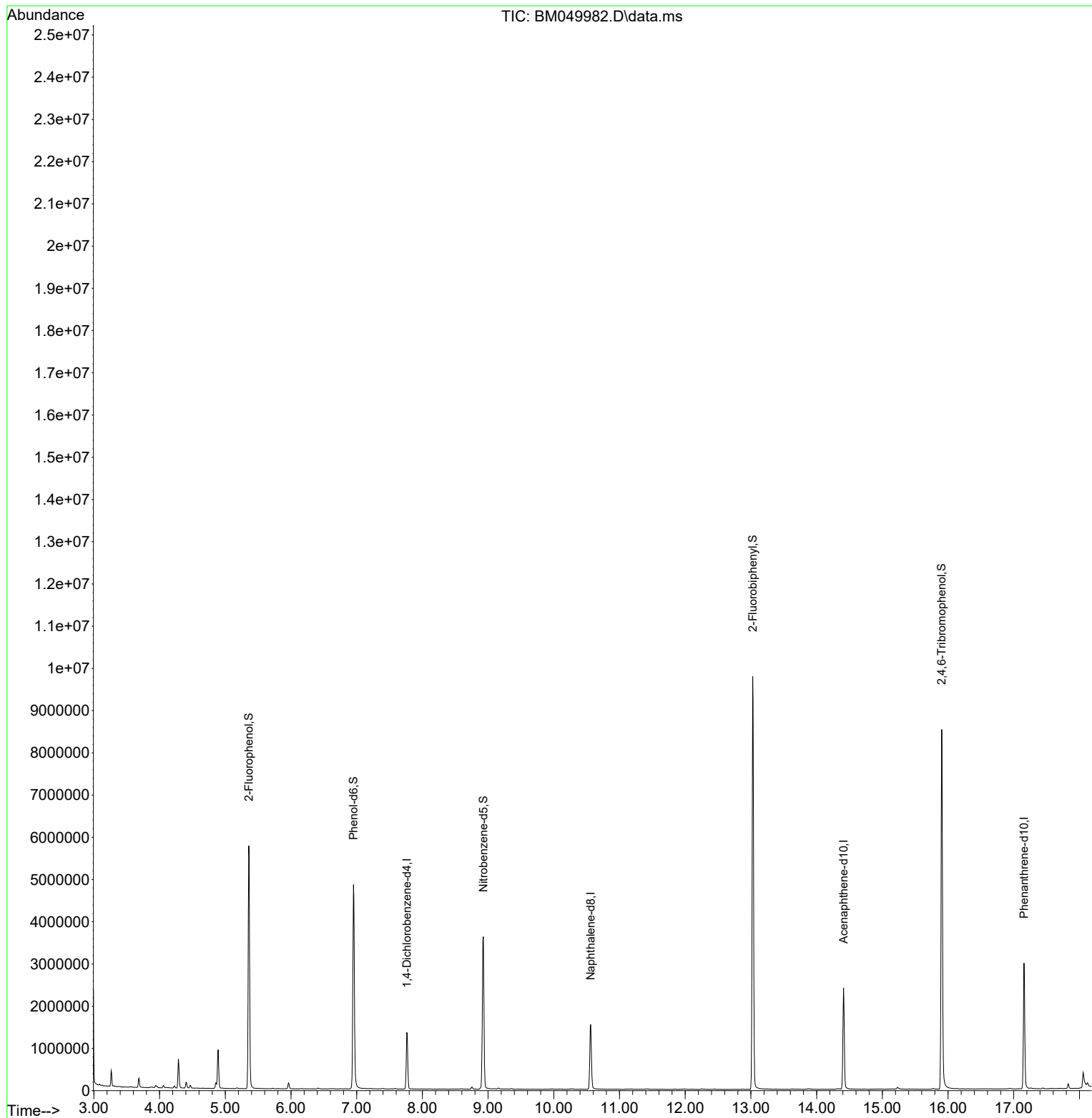
Target Compounds	Qvalue

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

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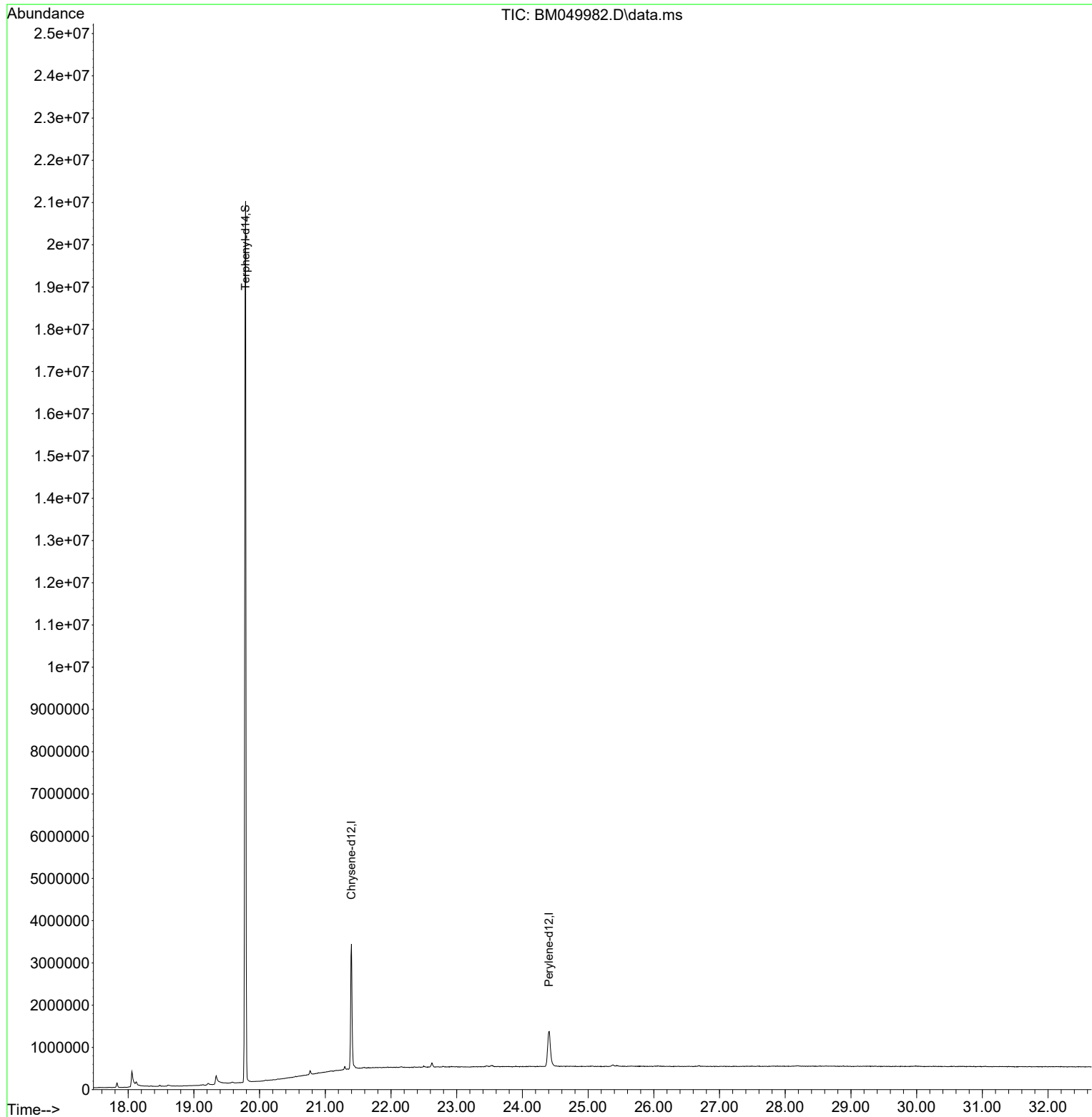
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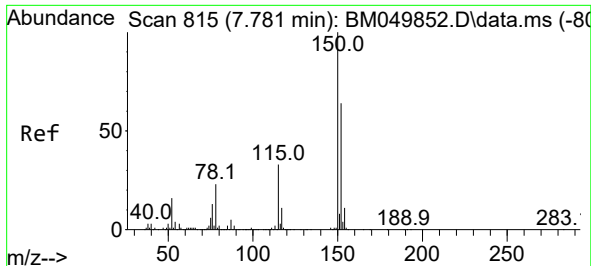


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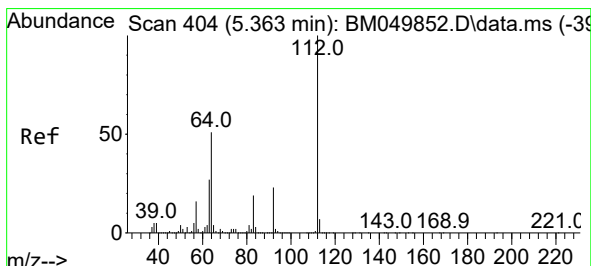
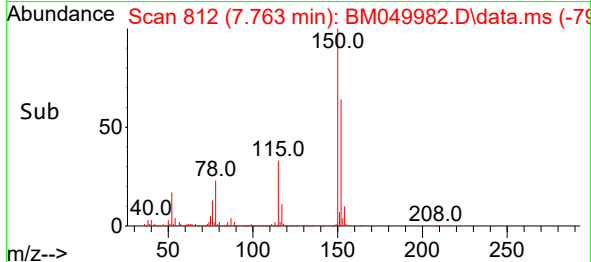
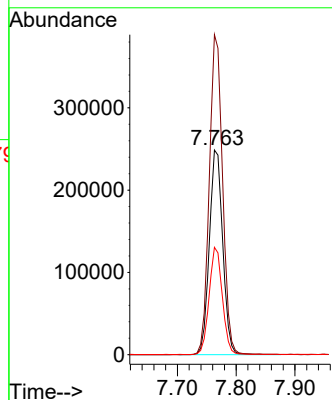
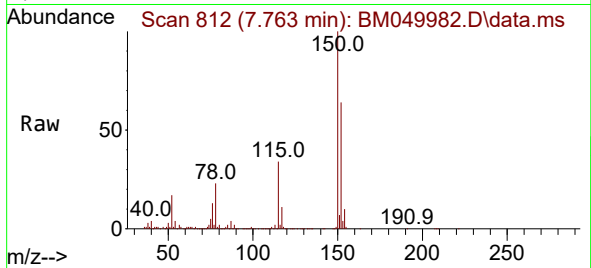




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 815
Delta R.T. -0.018 min
Lab File: BM049982.D
Acq: 21 Apr 2025 13:17

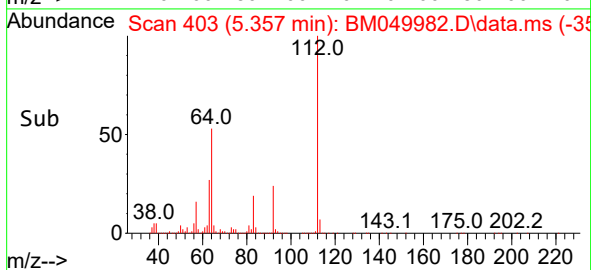
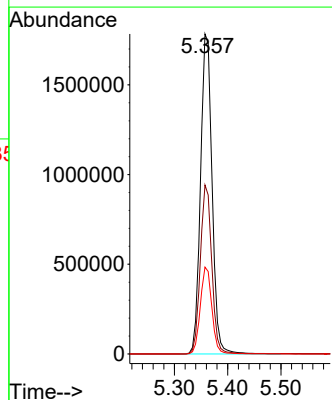
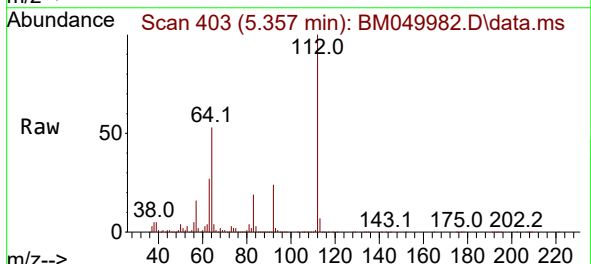
Instrument :
BNA_M
ClientSampleId :
PL-714-COMP-05

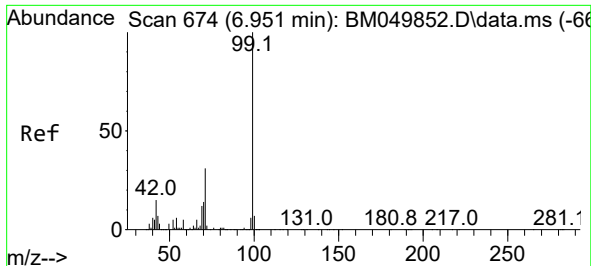
Tgt Ion:152 Resp: 395438
Ion Ratio Lower Upper
152 100
150 156.4 124.3 186.5
115 52.5 41.1 61.7



#5
2-Fluorophenol
Concen: 115.197 ng
RT: 5.357 min Scan# 403
Delta R.T. -0.006 min
Lab File: BM049982.D
Acq: 21 Apr 2025 13:17

Tgt Ion:112 Resp: 2682630
Ion Ratio Lower Upper
112 100
64 52.8 41.0 61.6
63 27.1 21.5 32.3

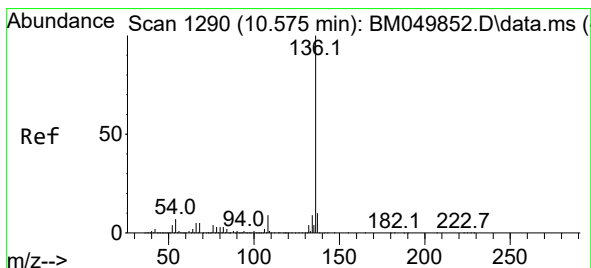
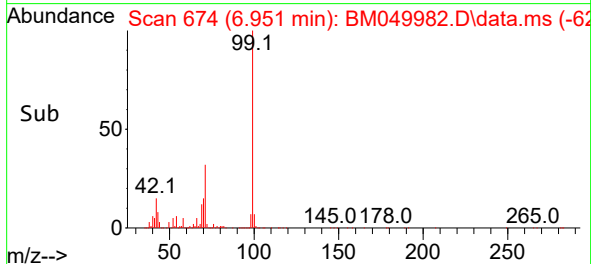
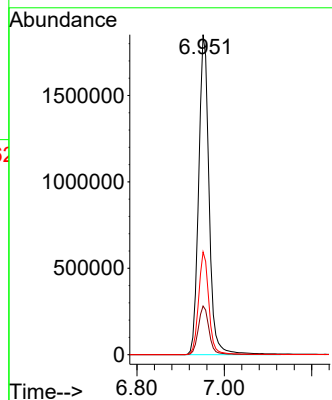
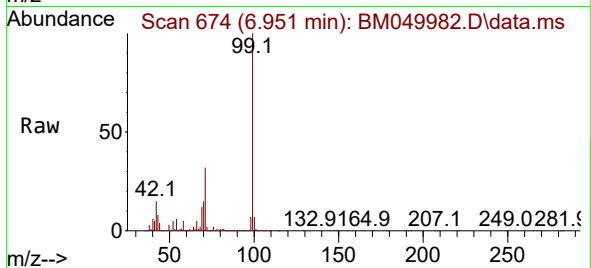




#7
Phenol-d6
Concen: 106.324 ng
RT: 6.951 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM049982.D
Acq: 21 Apr 2025 13:17

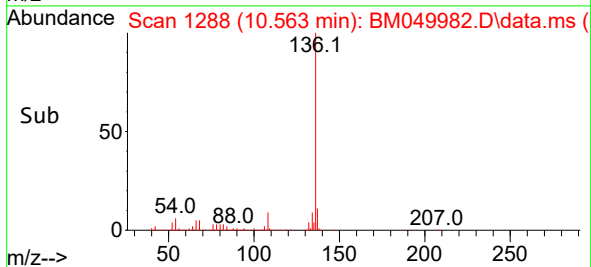
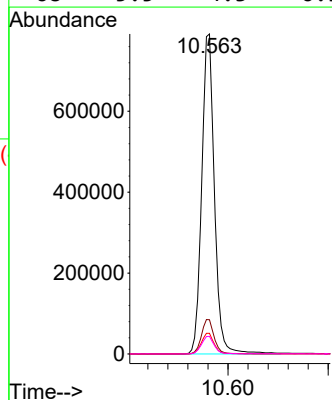
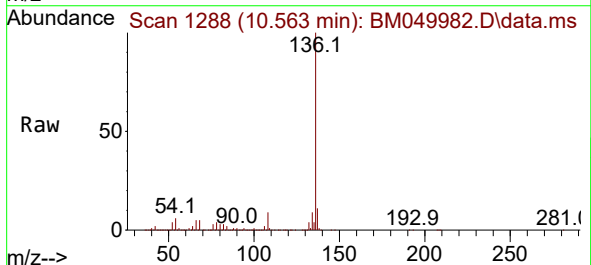
Instrument :
BNA_M
ClientSampleId :
PL-714-COMP-05

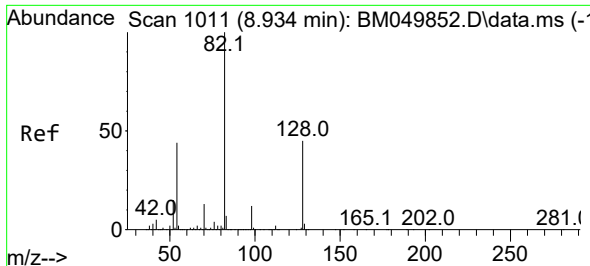
Tgt Ion: 99 Resp: 3080621
Ion Ratio Lower Upper
99 100
42 15.2 12.1 18.1
71 32.1 24.9 37.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 1288
Delta R.T. -0.012 min
Lab File: BM049982.D
Acq: 21 Apr 2025 13:17

Tgt Ion: 136 Resp: 1392443
Ion Ratio Lower Upper
136 100
137 10.7 8.4 12.6
54 6.5 5.3 7.9
68 5.5 4.3 6.5

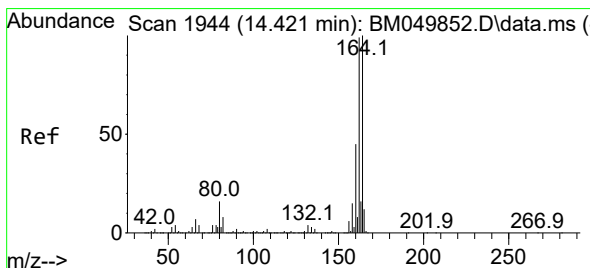
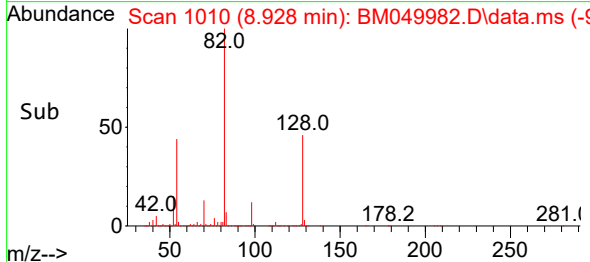
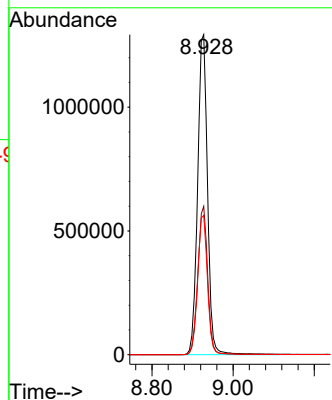
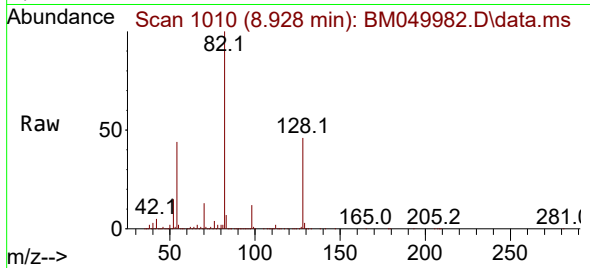




#23
Nitrobenzene-d5
Concen: 88.024 ng
RT: 8.928 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BM049982.D
Acq: 21 Apr 2025 13:17

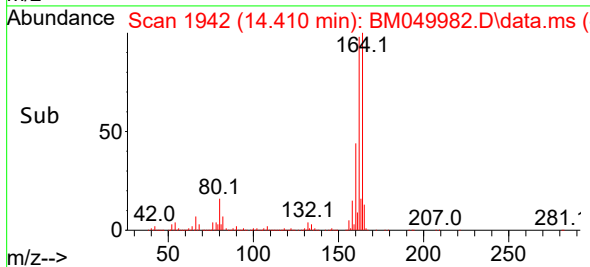
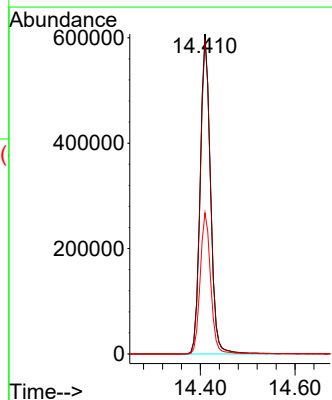
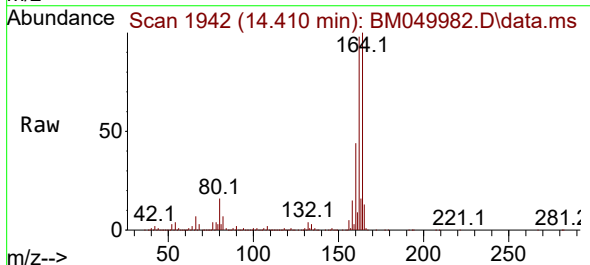
Instrument :
BNA_M
ClientSampleId :
PL-714-COMP-05

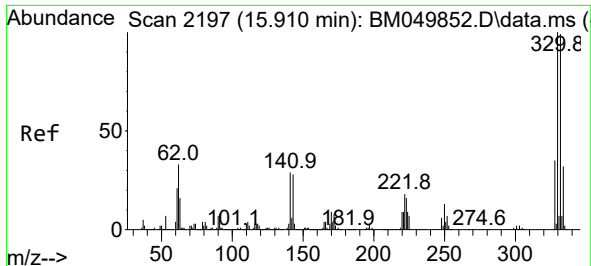
Tgt Ion: 82 Resp: 2201090
Ion Ratio Lower Upper
82 100
128 46.3 36.2 54.2
54 43.5 35.0 52.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1942
Delta R.T. -0.012 min
Lab File: BM049982.D
Acq: 21 Apr 2025 13:17

Tgt Ion:164 Resp: 914393
Ion Ratio Lower Upper
164 100
162 98.3 79.4 119.0
160 44.1 36.2 54.2

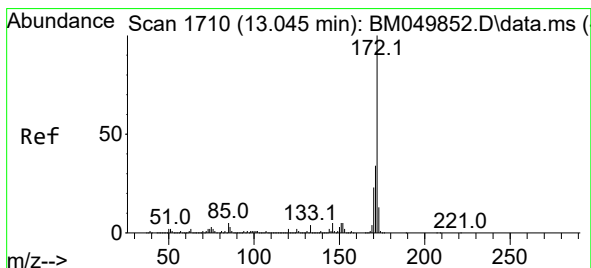
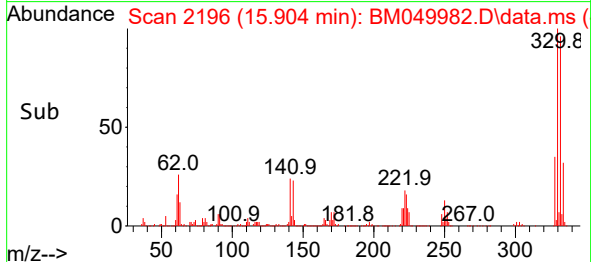
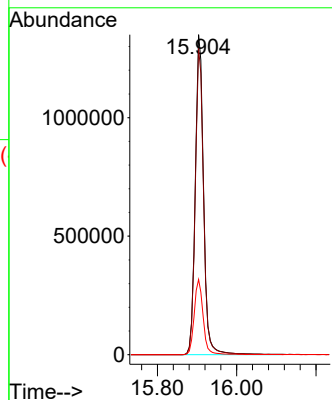
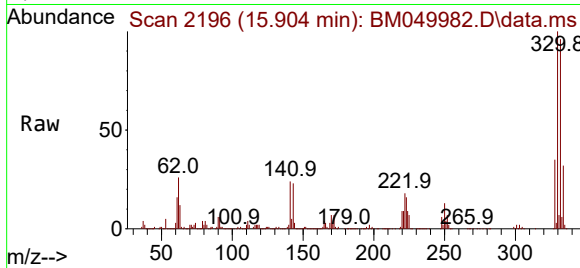




#42
 2,4,6-Tribromophenol
 Concen: 147.807 ng
 RT: 15.904 min Scan# 2197
 Delta R.T. -0.006 min
 Lab File: BM049982.D
 Acq: 21 Apr 2025 13:17

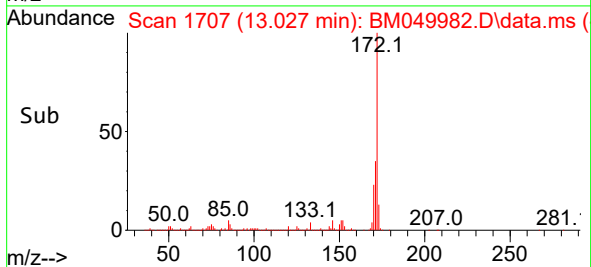
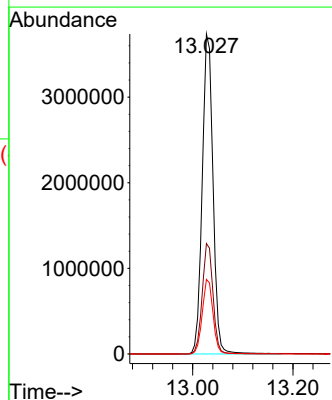
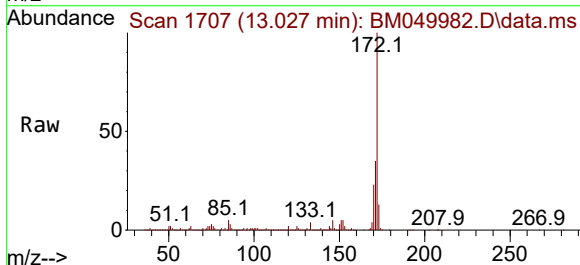
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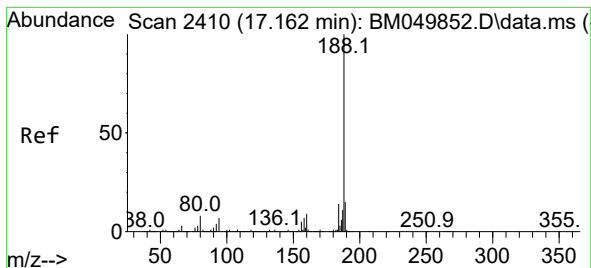
Tgt Ion:330 Resp: 1965853
 Ion Ratio Lower Upper
 330 100
 332 96.0 78.0 117.0
 141 25.2 23.5 35.3



#45
 2-Fluorobiphenyl
 Concen: 82.977 ng
 RT: 13.027 min Scan# 1707
 Delta R.T. -0.018 min
 Lab File: BM049982.D
 Acq: 21 Apr 2025 13:17

Tgt Ion:172 Resp: 5595373
 Ion Ratio Lower Upper
 172 100
 171 34.5 27.4 41.2
 170 23.3 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.157 min Scan# 2410

Delta R.T. -0.006 min

Lab File: BM049982.D

Acq: 21 Apr 2025 13:17

Instrument :

BNA_M

ClientSampleId :

PL-714-COMP-05

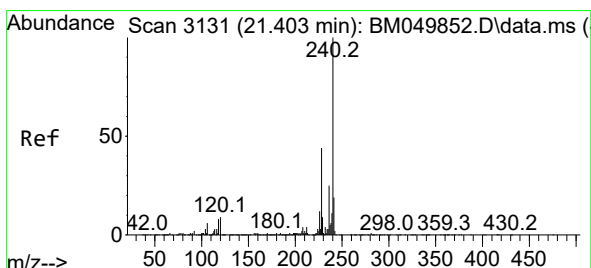
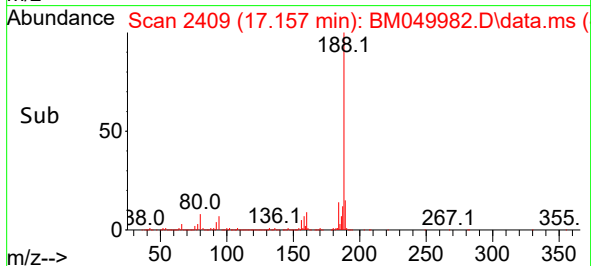
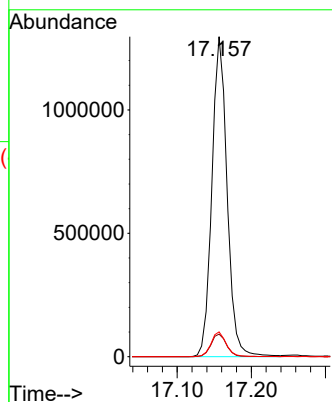
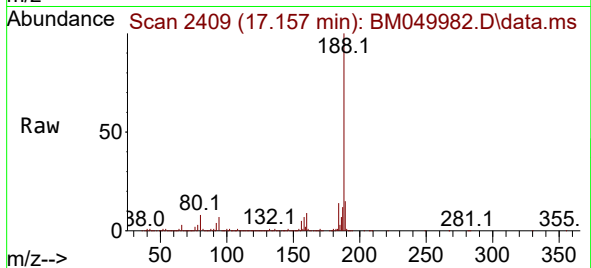
Tgt Ion:188 Resp: 1848628

Ion Ratio Lower Upper

188 100

94 7.0 5.8 8.6

80 7.7 6.4 9.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.397 min Scan# 3130

Delta R.T. -0.006 min

Lab File: BM049982.D

Acq: 21 Apr 2025 13:17

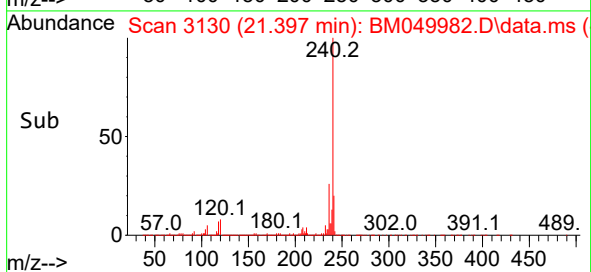
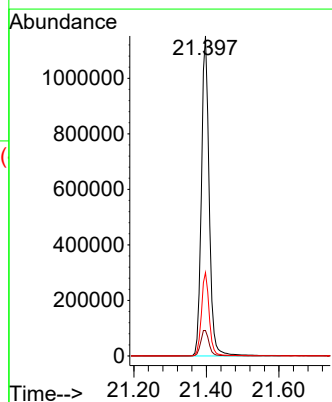
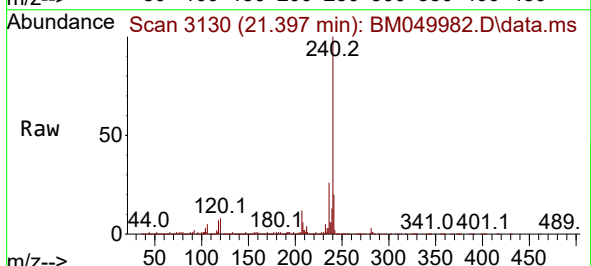
Tgt Ion:240 Resp: 1716566

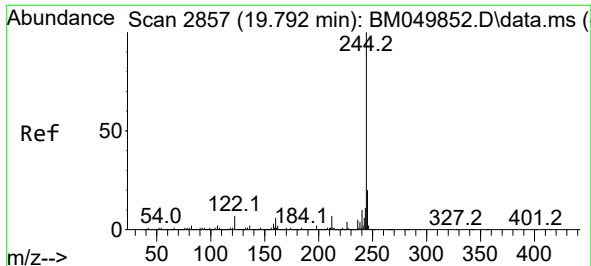
Ion Ratio Lower Upper

240 100

120 7.9 6.9 10.3

236 26.1 20.4 30.6

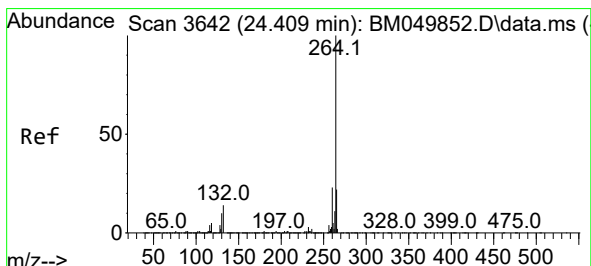
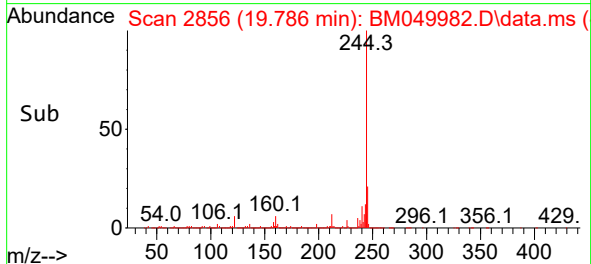
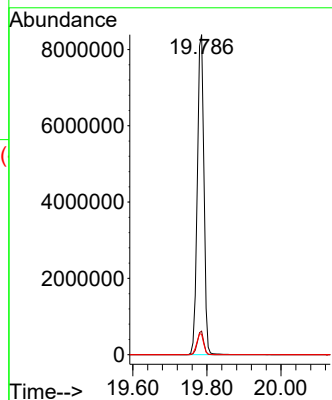
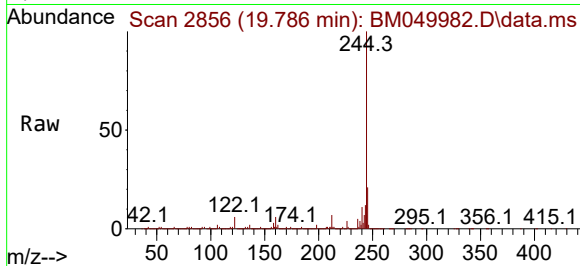




#79
 Terphenyl-d14
 Concen: 113.411 ng
 RT: 19.786 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM049982.D
 Acq: 21 Apr 2025 13:17

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Tgt Ion:244 Resp:10388101
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.5 8.3
 122 6.3 5.4 8.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.403 min Scan# 3641
 Delta R.T. -0.006 min
 Lab File: BM049982.D
 Acq: 21 Apr 2025 13:17

Tgt Ion:264 Resp: 690309
 Ion Ratio Lower Upper
 264 100
 260 28.6 18.6 28.0#
 265 21.9 17.8 26.8

