

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)

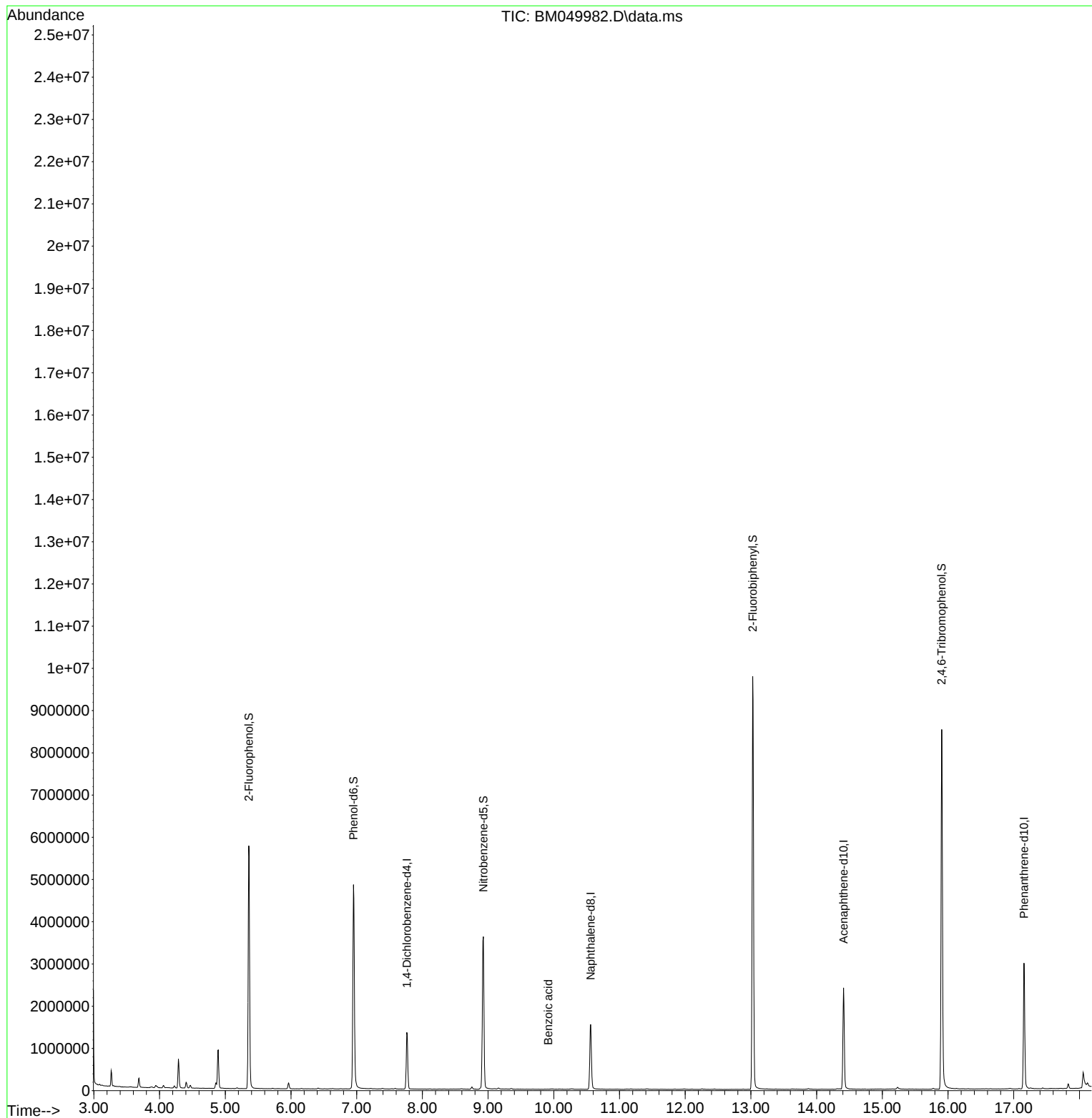
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	395438	20.000	ng	-0.02
21) Naphthalene-d8	10.563	136	1392443	20.000	ng	-0.01
39) Acenaphthene-d10	14.410	164	914393	20.000	ng	-0.01
64) Phenanthrene-d10	17.157	188	1848628	20.000	ng	0.00
76) Chrysene-d12	21.397	240	1716566	20.000	ng	0.00
86) 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						
32) Benzoic acid	9.916	122	1055	8.587	ng	Qvalue # 46

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

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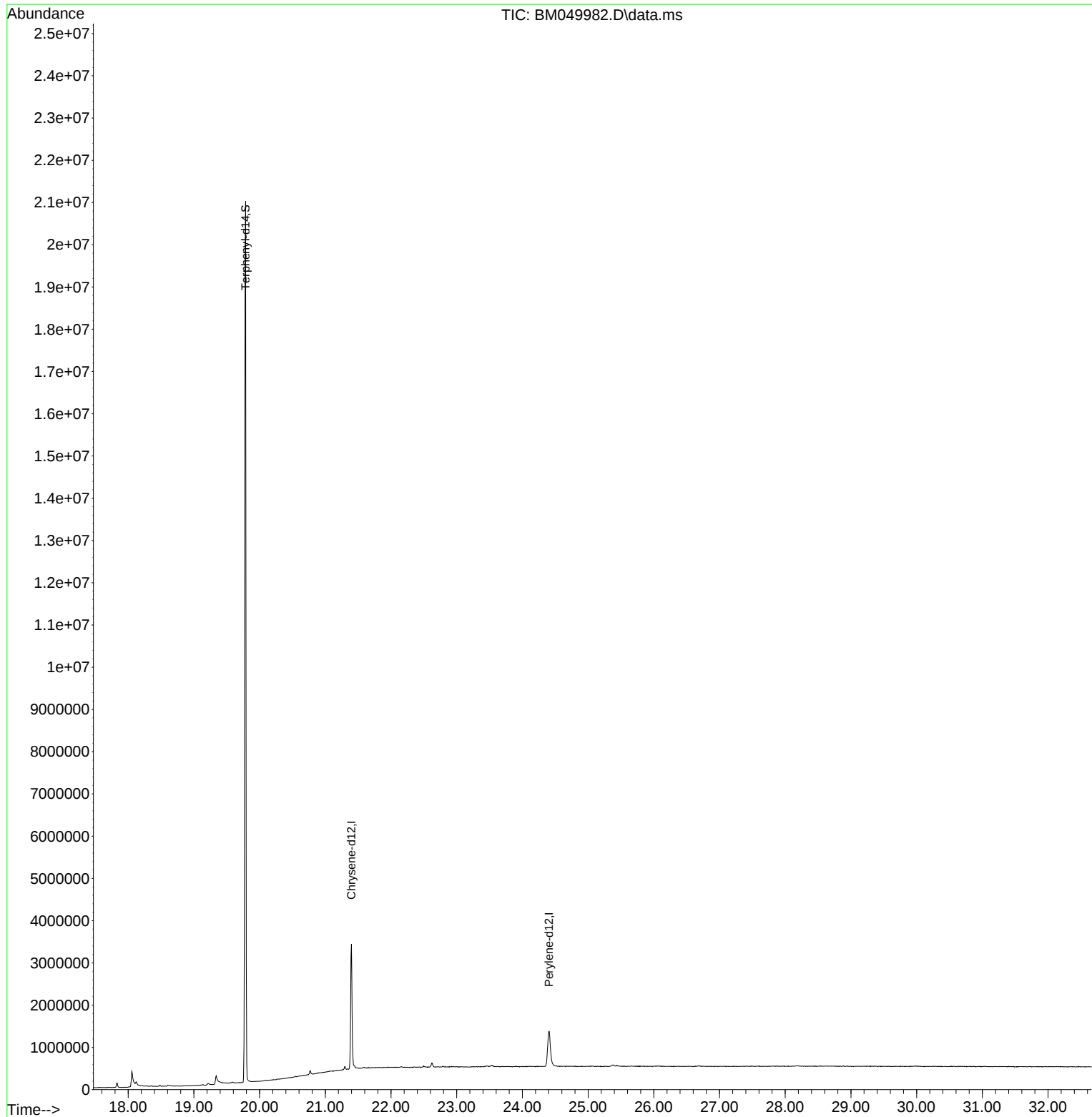
Quant Time: Apr 21 14:08:52 2025
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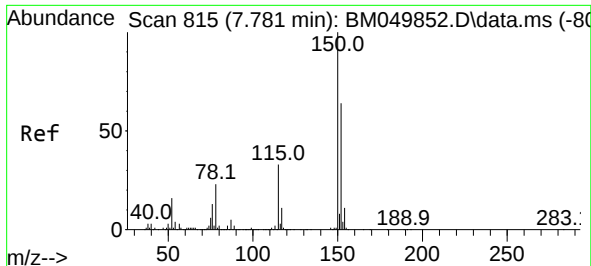


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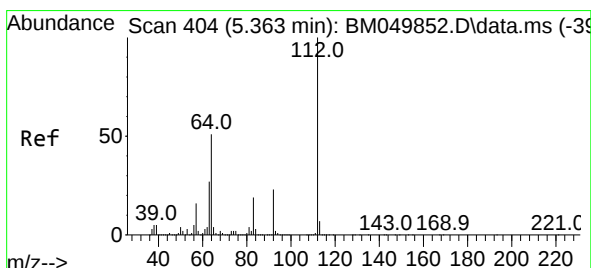
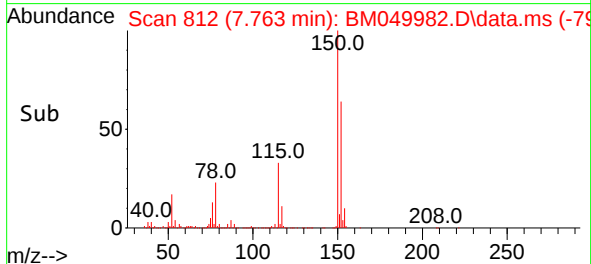
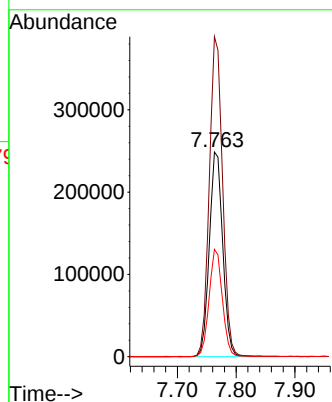
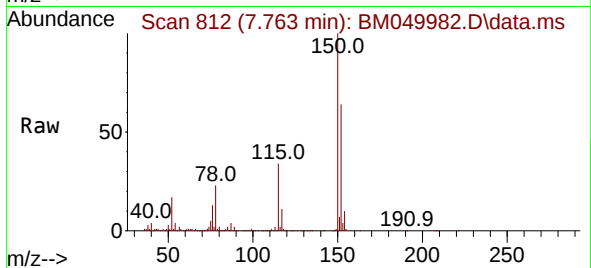




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 815
Delta R.T. -0.018 min
Lab File: BM049982.D
Acq: 21 Apr 2025 13:17

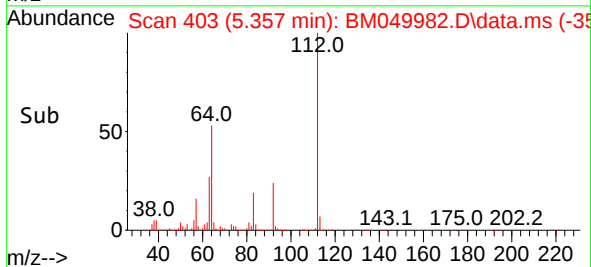
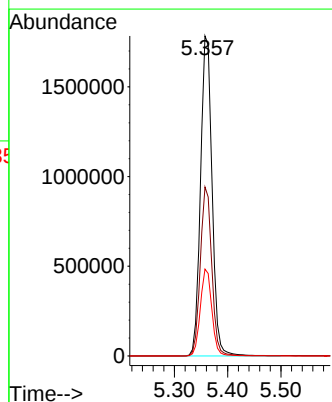
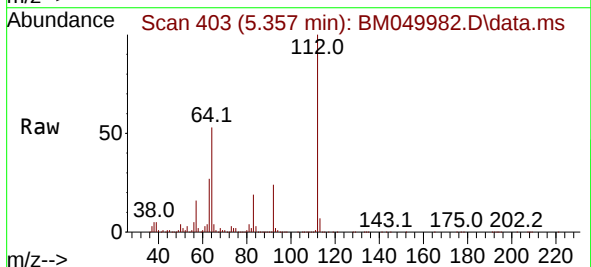
Instrument :
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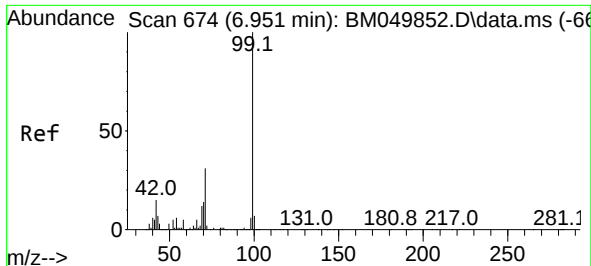
Tgt Ion:152 Resp: 395438
Ion Ratio Lower Upper
152 100
150 156.4 124.3 186.5
115 52.5 41.1 61.7



#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



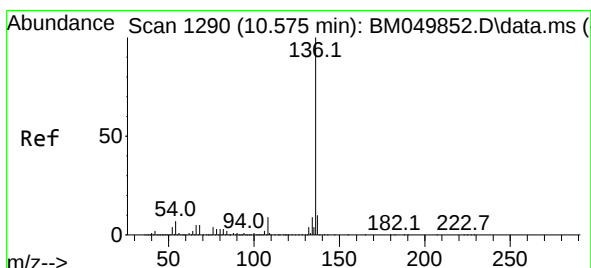
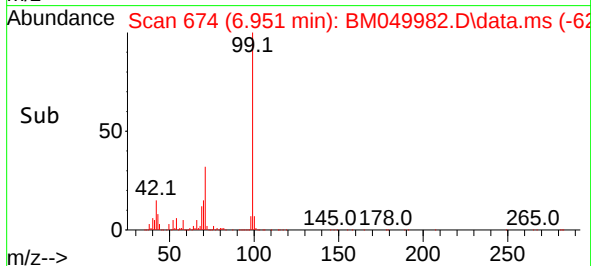
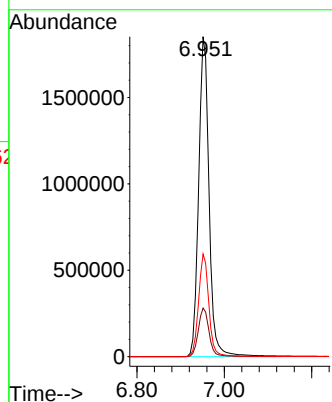
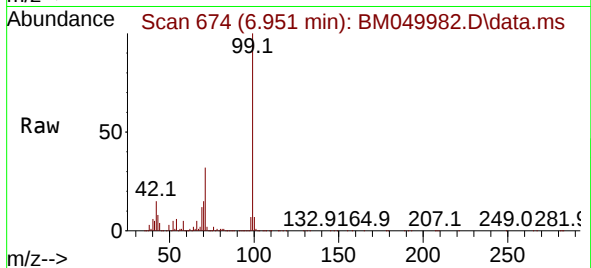


#7
Phenol-d6
Concen: 106.324 ng
RT: 6.951 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM049982.D
Acq: 21 Apr 2025 13:17

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

Tgt Ion: 99 Resp: 3080621

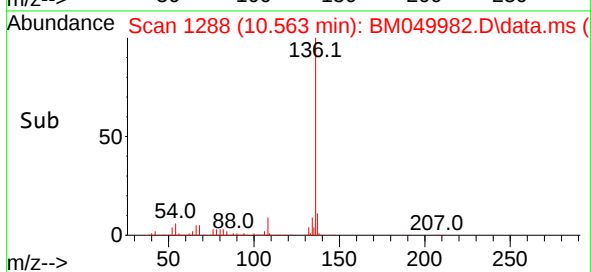
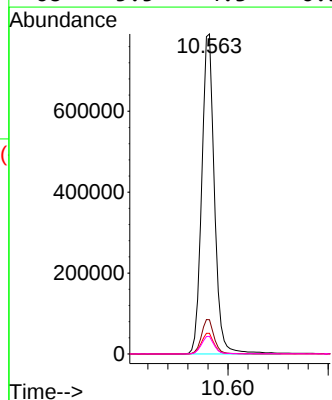
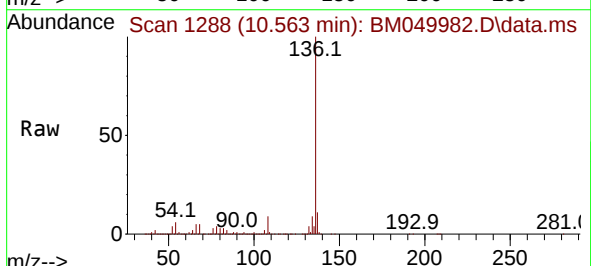
Ion	Ratio	Lower	Upper
99	100		
42	15.2	12.1	18.1
71	32.1	24.9	37.3

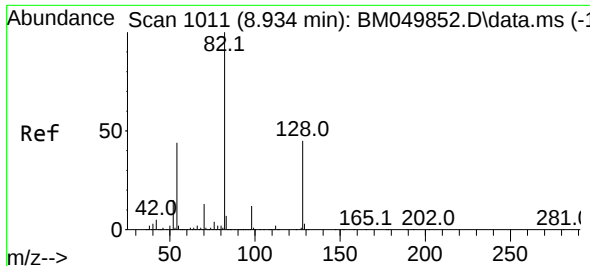


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 1288
Delta R.T. -0.012 min
Lab File: BM049982.D
Acq: 21 Apr 2025 13:17

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

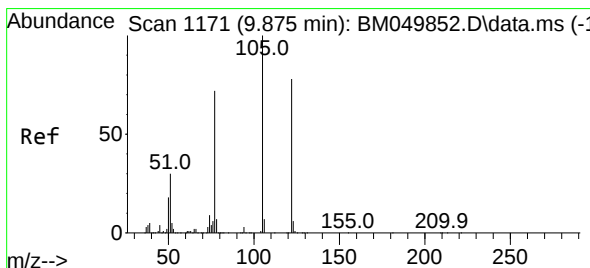
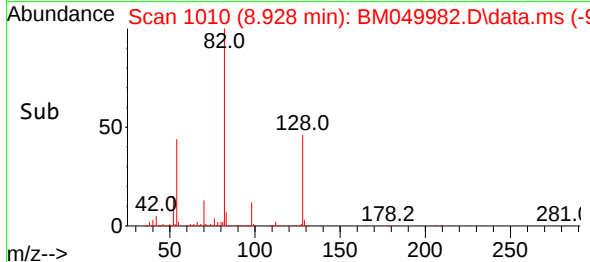
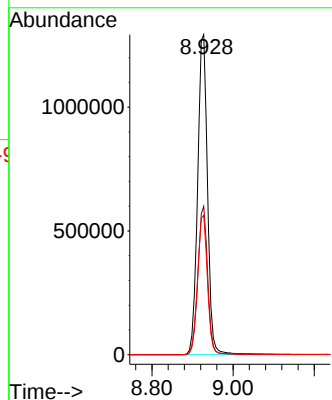
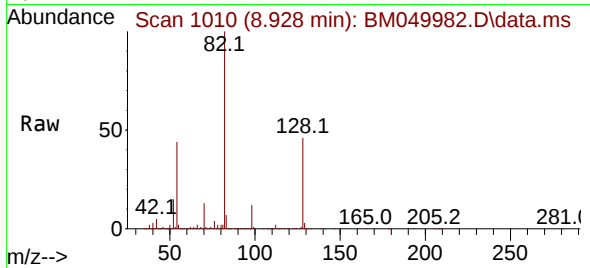




#23
Nitrobenzene-d5
Concen: 88.024 ng
RT: 8.928 min Scan# 110
Delta R.T. -0.006 min
Lab File: BM049982.D
Acq: 21 Apr 2025 13:17

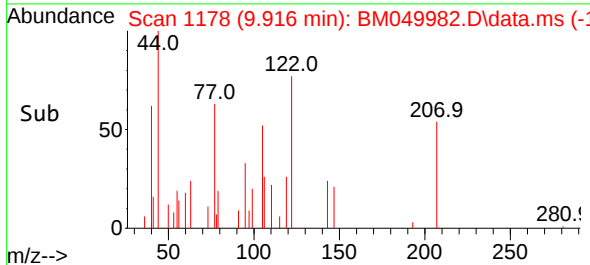
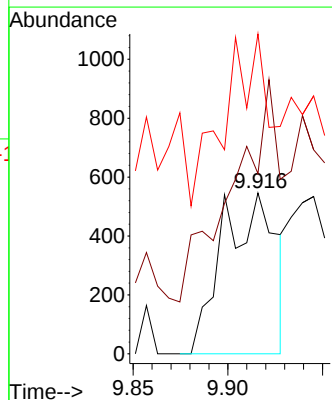
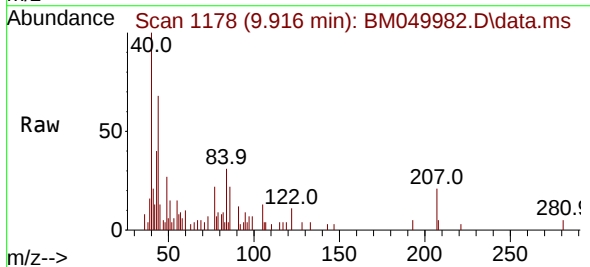
Instrument :
BNA_M
ClientSampleId :
PL-714-COMP-05

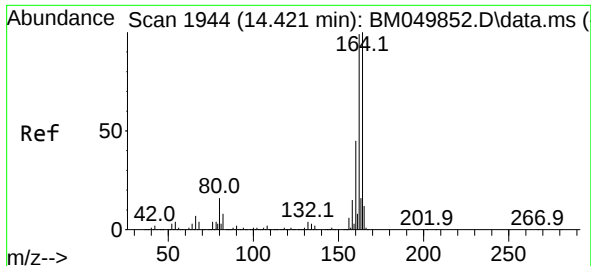
Tgt Ion: 82 Resp: 2201090
Ion Ratio Lower Upper
82 100
128 46.3 36.2 54.2
54 43.5 35.0 52.6



#32
Benzoic acid
Concen: 8.587 ng
RT: 9.916 min Scan# 1178
Delta R.T. 0.041 min
Lab File: BM049982.D
Acq: 21 Apr 2025 13:17

Tgt Ion:122 Resp: 1055
Ion Ratio Lower Upper
122 100
105 112.1 103.8 143.8
77 198.9 70.7 110.7#

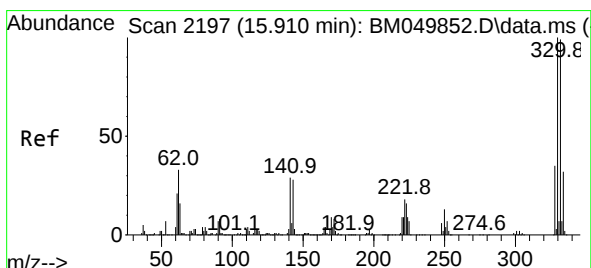
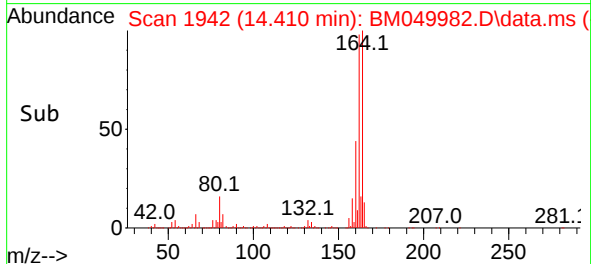
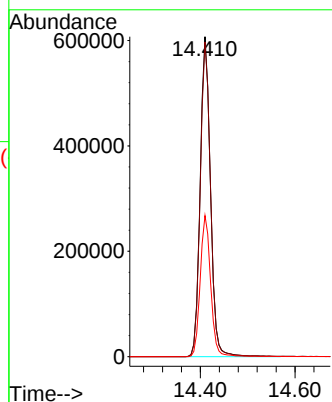
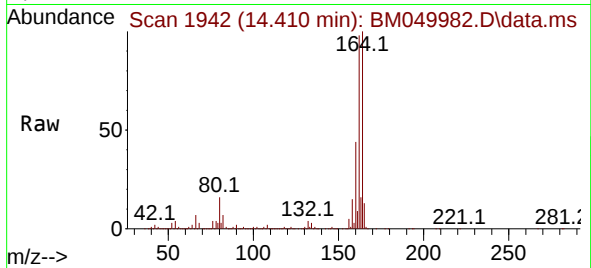




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1942
Delta R.T. -0.012 min
Lab File: BM049982.D
Acq: 21 Apr 2025 13:17

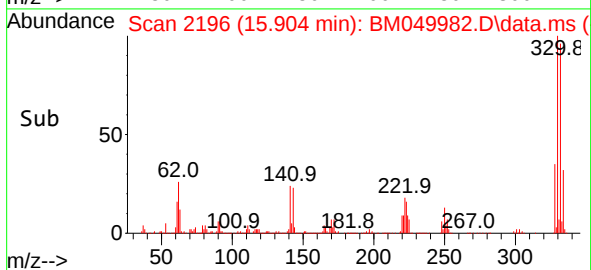
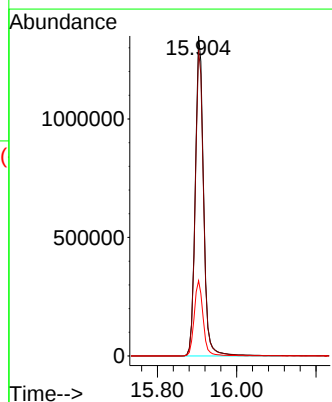
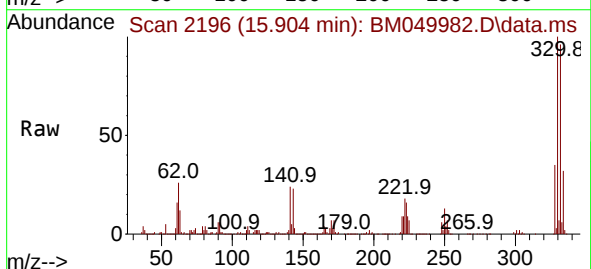
Instrument :
BNA_M
ClientSampleId :
PL-714-COMP-05

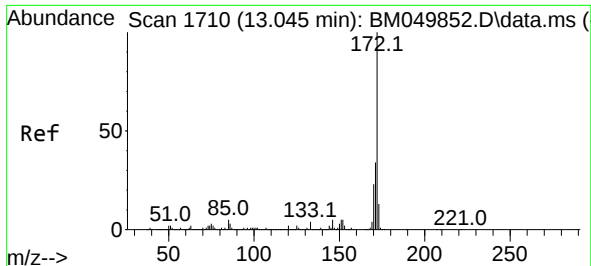
Tgt Ion:164 Resp: 914393
Ion Ratio Lower Upper
164 100
162 98.3 79.4 119.0
160 44.1 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 147.807 ng
RT: 15.904 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BM049982.D
Acq: 21 Apr 2025 13:17

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

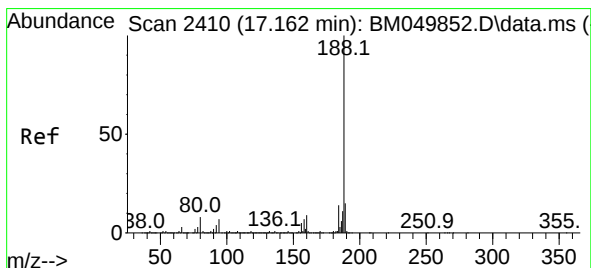
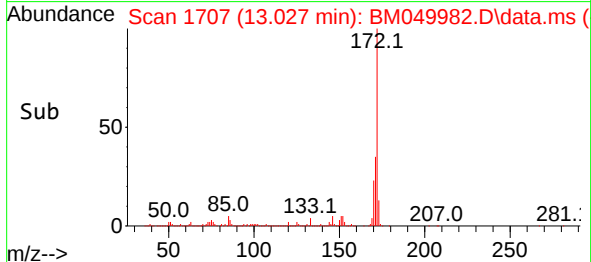
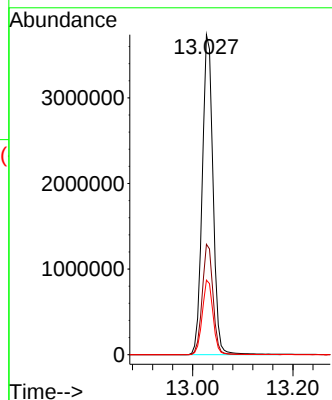
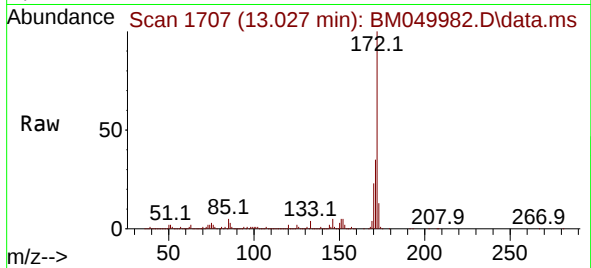




#45
2-Fluorobiphenyl
Concen: 82.977 ng
RT: 13.027 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM049982.D
Acq: 21 Apr 2025 13:17

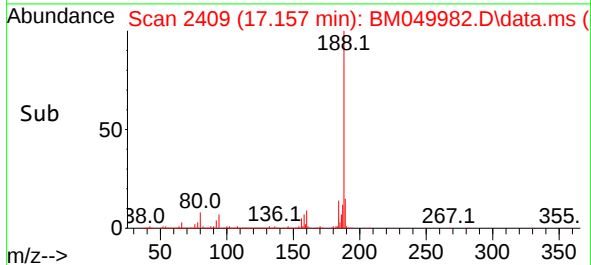
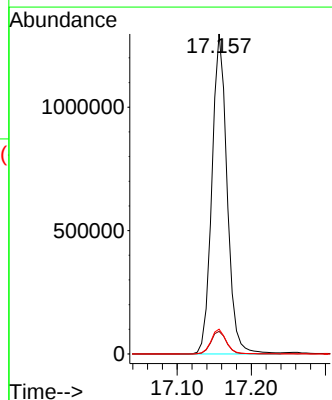
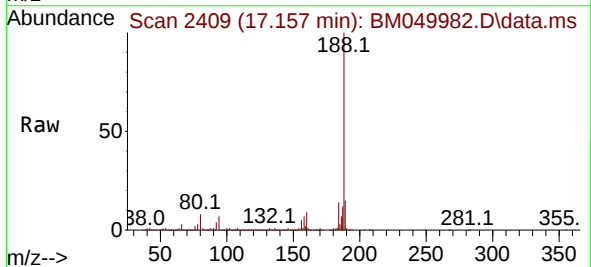
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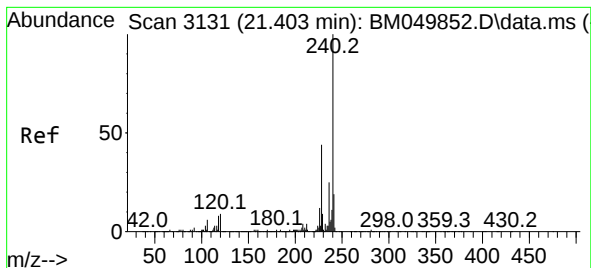
Tgt Ion:172 Resp: 5595373
Ion Ratio Lower Upper
172 100
171 34.5 27.4 41.2
170 23.3 18.6 28.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BM049982.D
Acq: 21 Apr 2025 13:17

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# 31

Delta R.T. -0.006 min

Lab File: BM049982.D

Acq: 21 Apr 2025 13:17

Instrument :

BNA_M

ClientSampleId :

PL-714-COMP-05

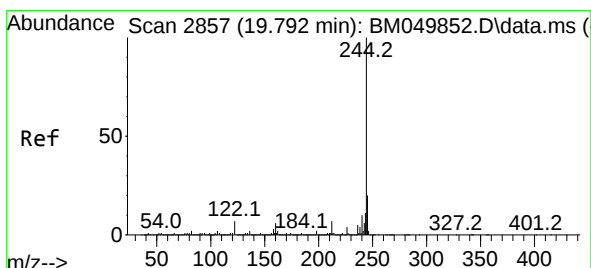
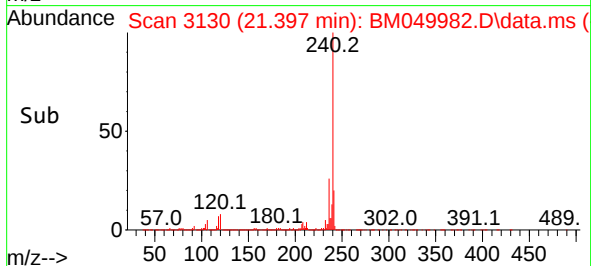
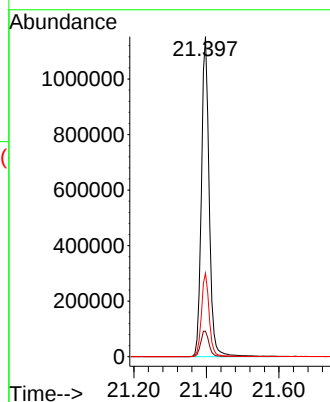
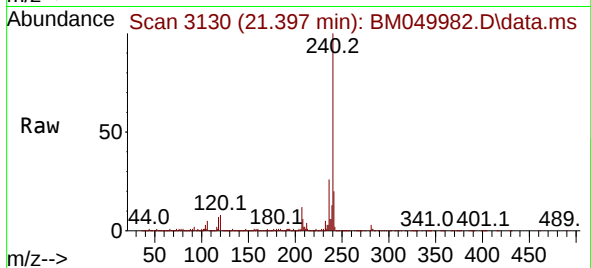
Tgt Ion:240 Resp: 1716566

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# 2856

Delta R.T. -0.006 min

Lab File: BM049982.D

Acq: 21 Apr 2025 13:17

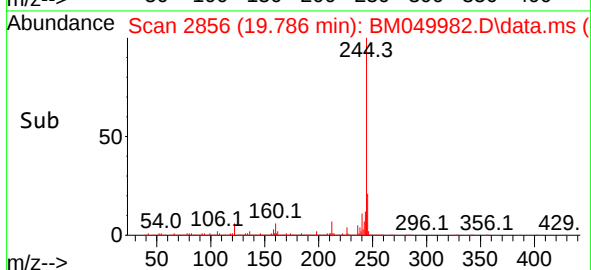
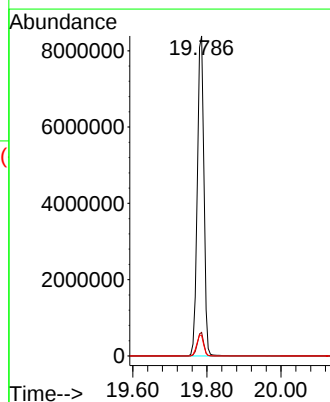
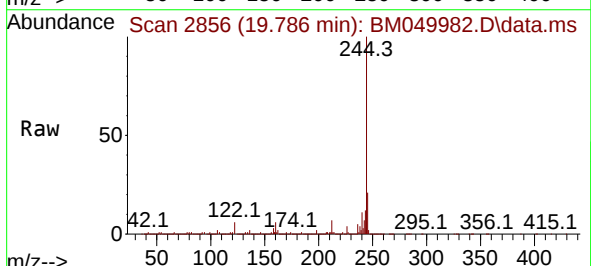
Tgt Ion:244 Resp:10388101

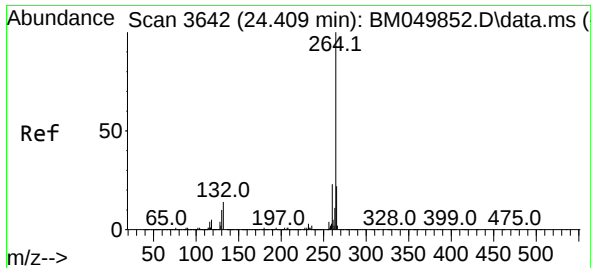
Ion Ratio Lower Upper

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# 30
 Delta R.T. -0.006 min
 Lab File: BM049982.D
 Acq: 21 Apr 2025 13:17

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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

