Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050625\
Data File : BM050123.D
Acq On : 06 May 2025 17:18
Operator : RC/JU
Sample : Q1956-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COMP1

Quant Time: May 06 18:28:58 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	7.745	152	297554	20.000	ng	-0.02
21) Naphthalene-d8	10.539	136	1063093	20.000	ng	-0.02
39) Acenaphthene-d10	14.392	164	714022	20.000	ng	-0.02
64) Phenanthrene-d10	17.145	188	1393022	20.000	ng	-0.01
76) Chrysene-d12	21.386	240	1246435	20.000	ng	-0.01
86) Perylene-d12	24.380	264	1278300	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1966435	115.723	ng	-0.02
7) Phenol-d6	6.934	99	2188060	102.449	ng	-0.02
23) Nitrobenzene-d5	8.904	82	1681665	77.948	ng	-0.02
42) 2,4,6-Tribromophenol	15.892	330	1444300	136.800	ng	-0.01
45) 2-Fluorobiphenyl	13.010	172	4520913	74.902	ng	-0.02
79) Terphenyl-d14	19.768	244	7658339	90.918	ng	-0.01
Target Compounds						Qvalue
56) 4-Nitrophenol	14.680	139	84	4.543	ng	# 58

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

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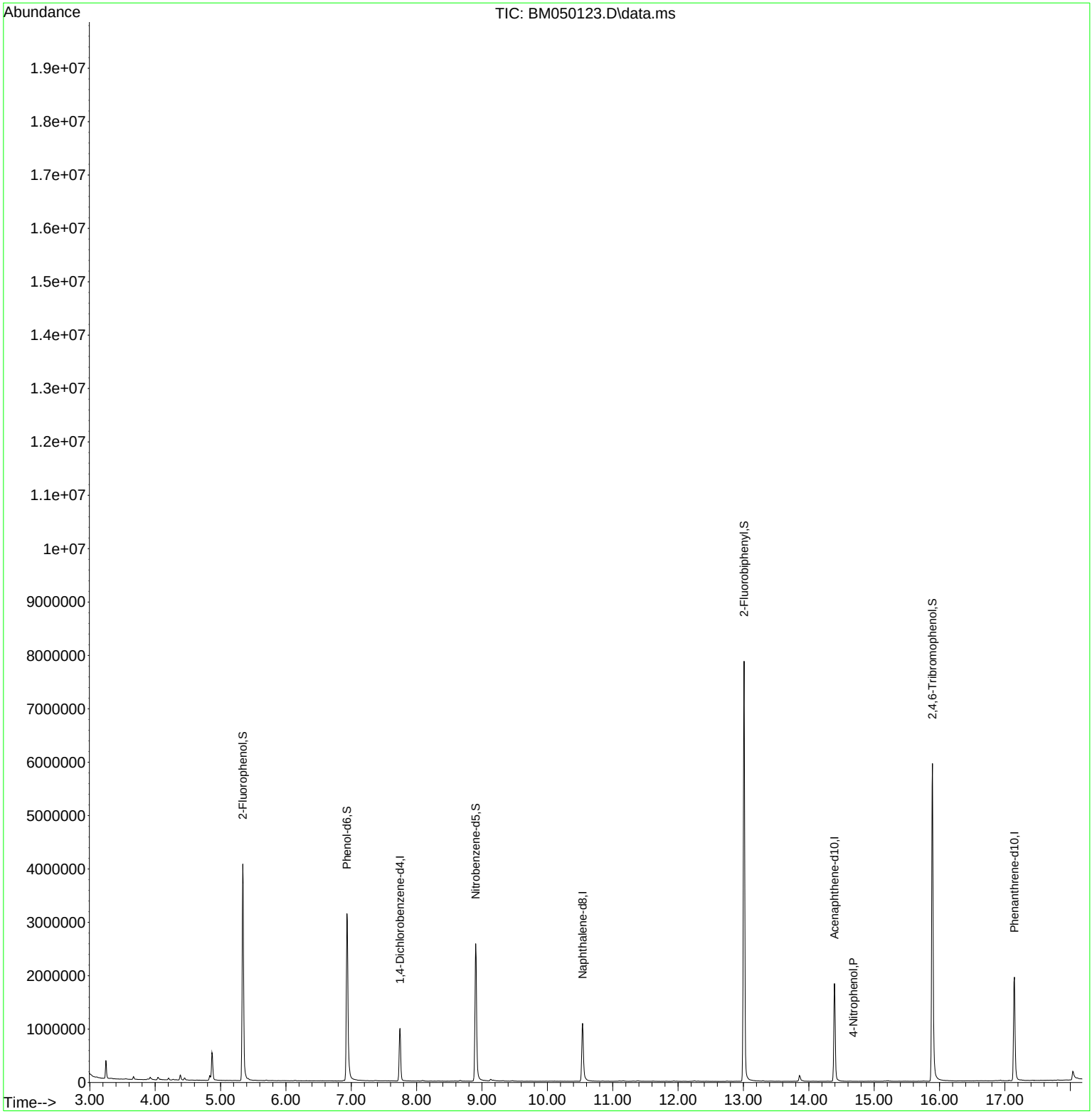

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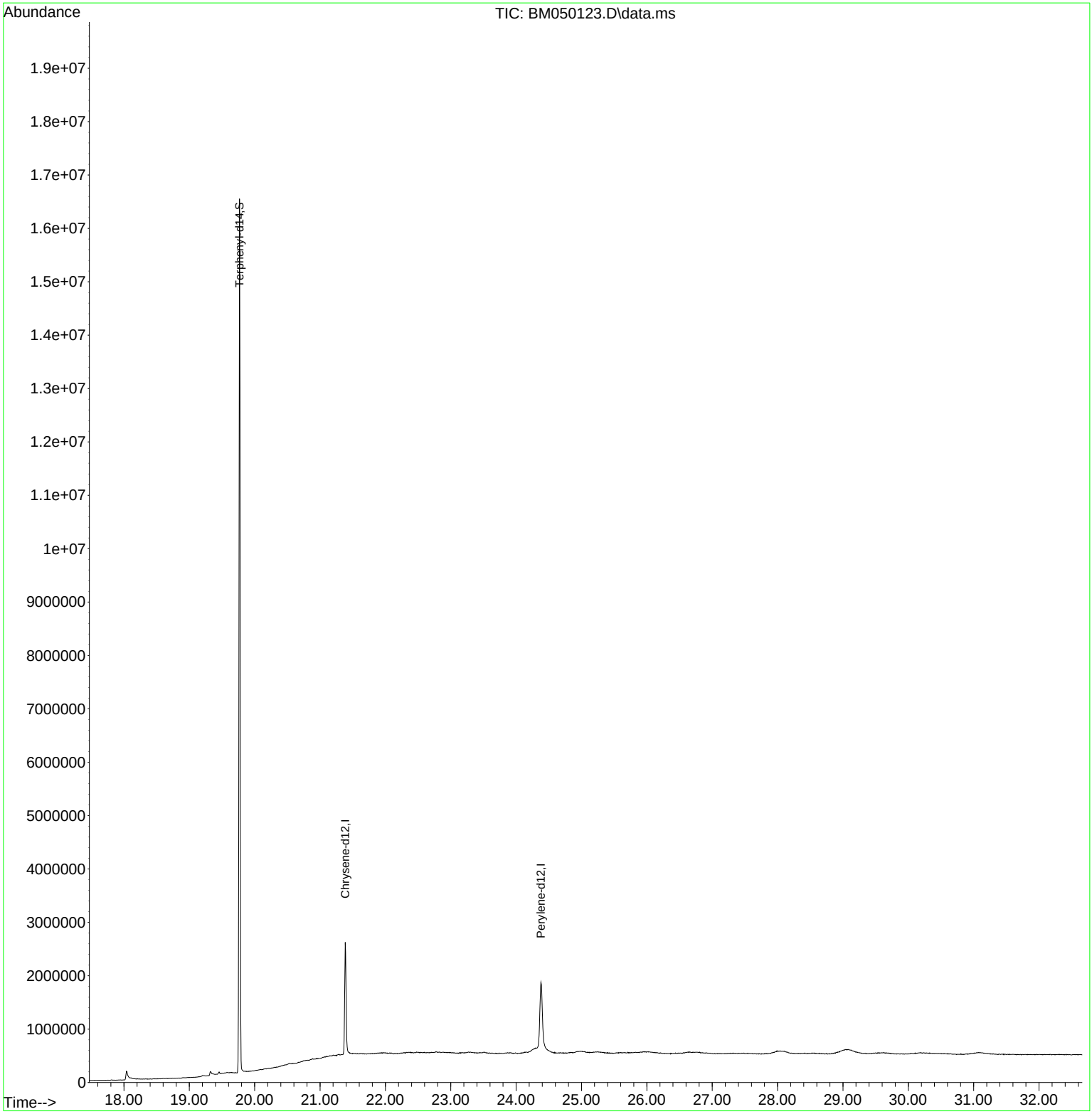
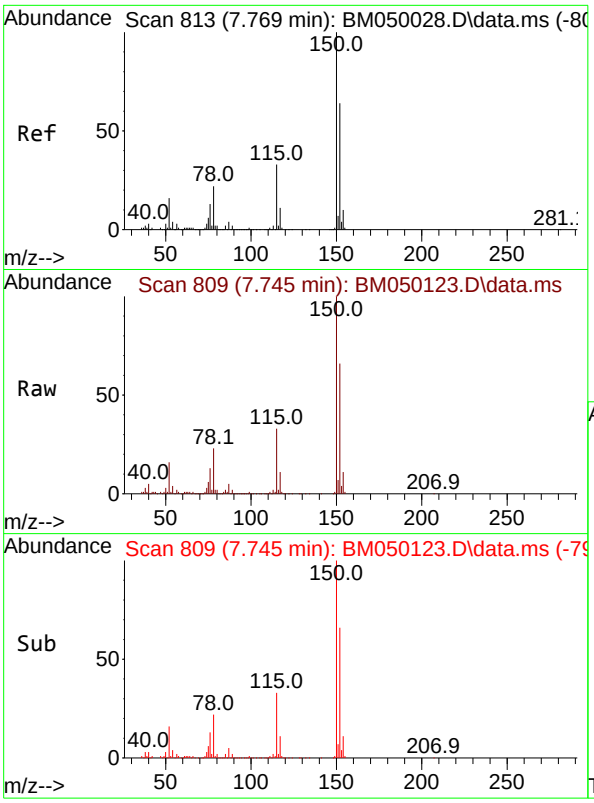


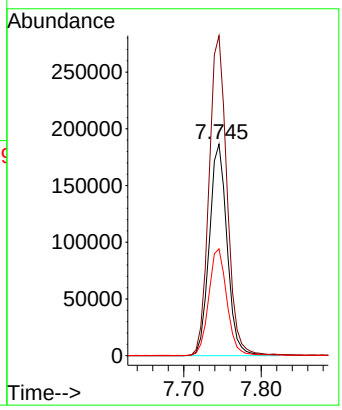


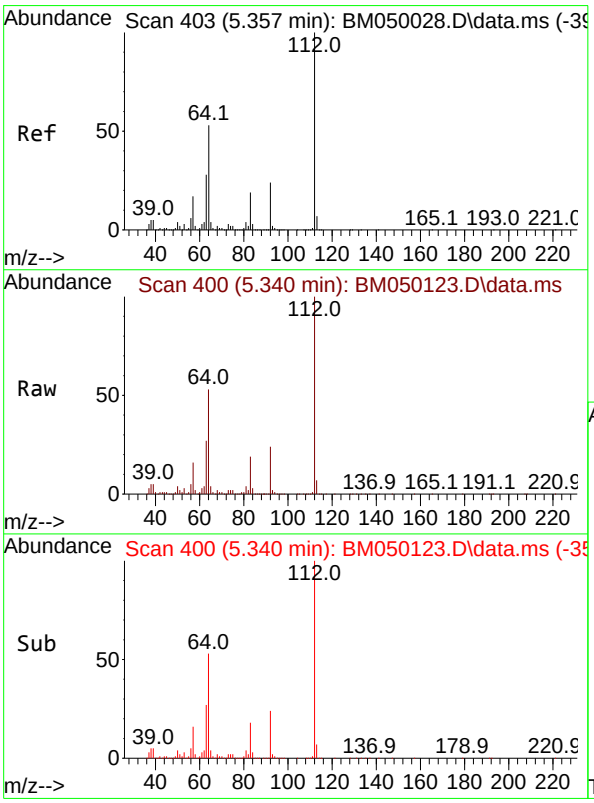
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.745 min Scan# 80
Delta R.T. -0.024 min
Lab File: BM050123.D
Acq: 06 May 2025 17:18

Instrument :
BNA_M
ClientSampleId :
COMP1

Tgt Ion:152 Resp: 297554

Ion	Ratio	Lower	Upper
152	100		
150	151.3	124.1	186.1
115	50.5	41.2	61.8

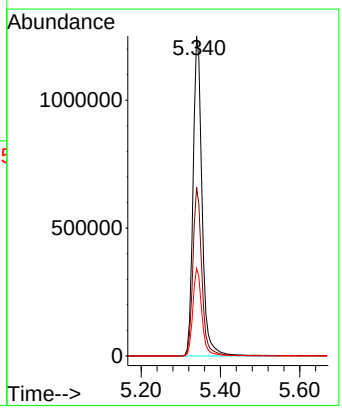


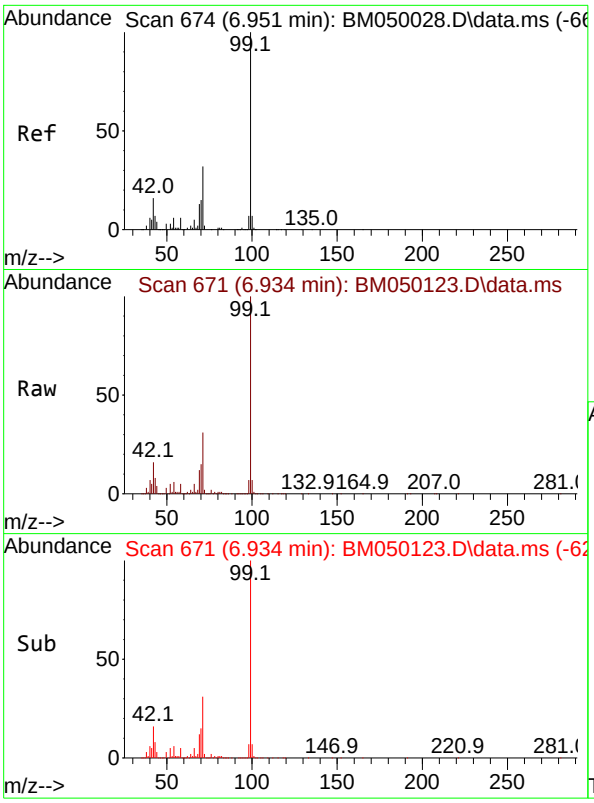


#5
2-Fluorophenol
Concen: 115.723 ng
RT: 5.340 min Scan# 400
Delta R.T. -0.018 min
Lab File: BM050123.D
Acq: 06 May 2025 17:18

Tgt Ion:112 Resp: 1966435

Ion	Ratio	Lower	Upper
112	100		
64	52.8	42.6	64.0
63	27.4	22.2	33.4



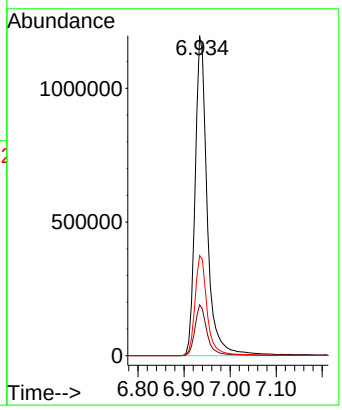


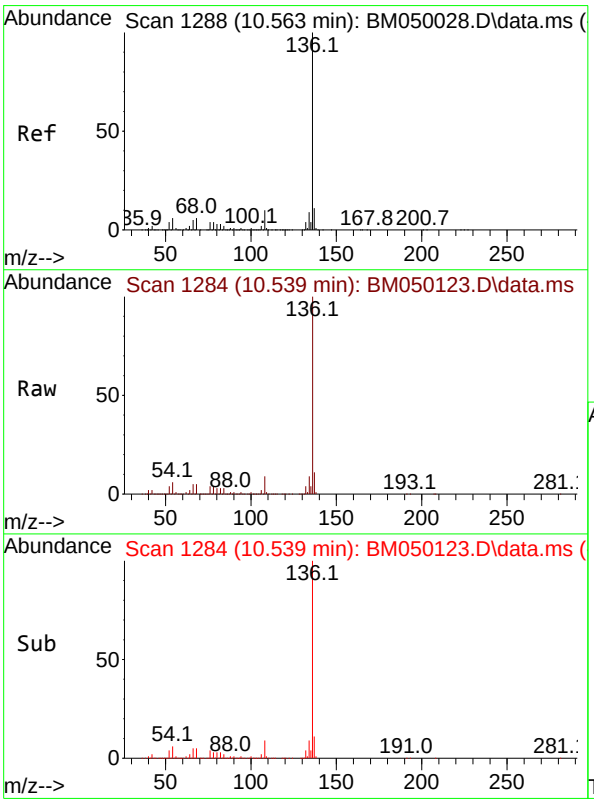
#7
Phenol-d6
Concen: 102.449 ng
RT: 6.934 min Scan# 6
Delta R.T. -0.018 min
Lab File: BM050123.D
Acq: 06 May 2025 17:18

Instrument :
BNA_M
ClientSampleId :
COMP1

Tgt Ion: 99 Resp: 2188060

Ion	Ratio	Lower	Upper
99	100		
42	15.9	13.0	19.4
71	31.3	25.6	38.4

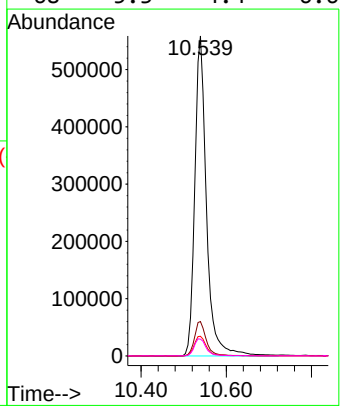


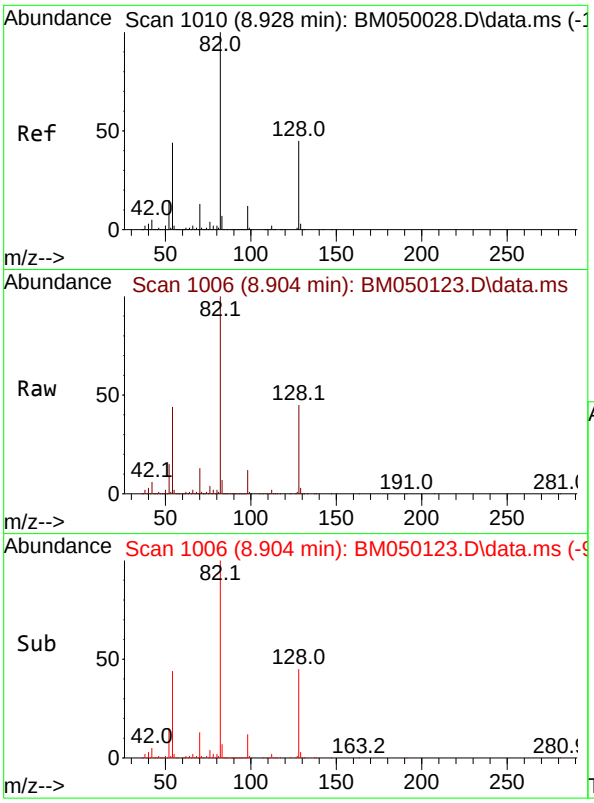


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.539 min Scan# 1284
Delta R.T. -0.024 min
Lab File: BM050123.D
Acq: 06 May 2025 17:18

Tgt Ion:136 Resp: 1063093

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	6.2	5.1	7.7
68	5.3	4.4	6.6



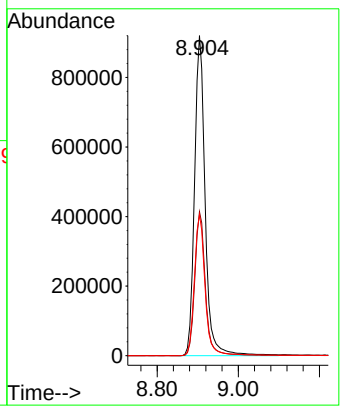


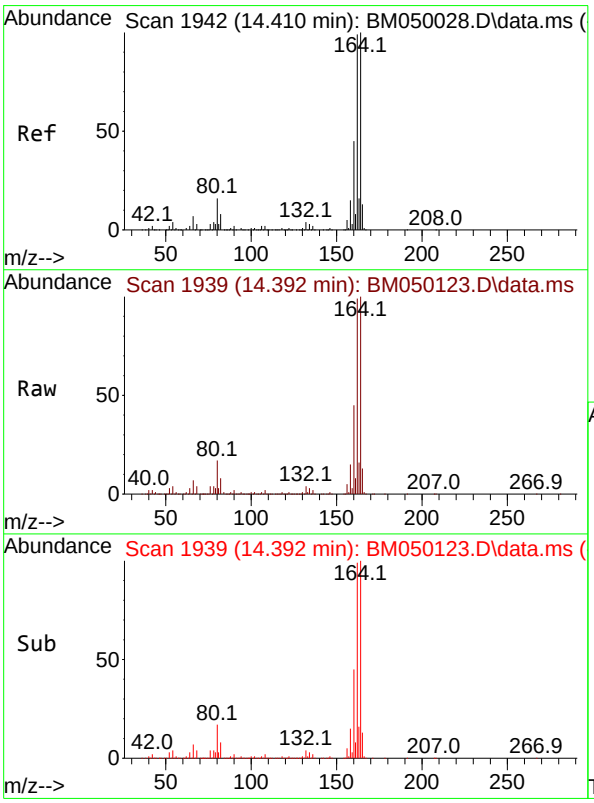
#23
Nitrobenzene-d5
Concen: 77.948 ng
RT: 8.904 min Scan# 1(
Delta R.T. -0.024 min
Lab File: BM050123.D
Acq: 06 May 2025 17:18

Instrument :
BNA_M
ClientSampleId :
COMP1

Tgt Ion: 82 Resp: 1681665

Ion	Ratio	Lower	Upper
82	100		
128	45.0	35.7	53.5
54	44.1	35.4	53.2

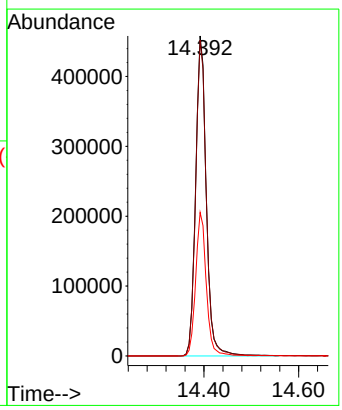


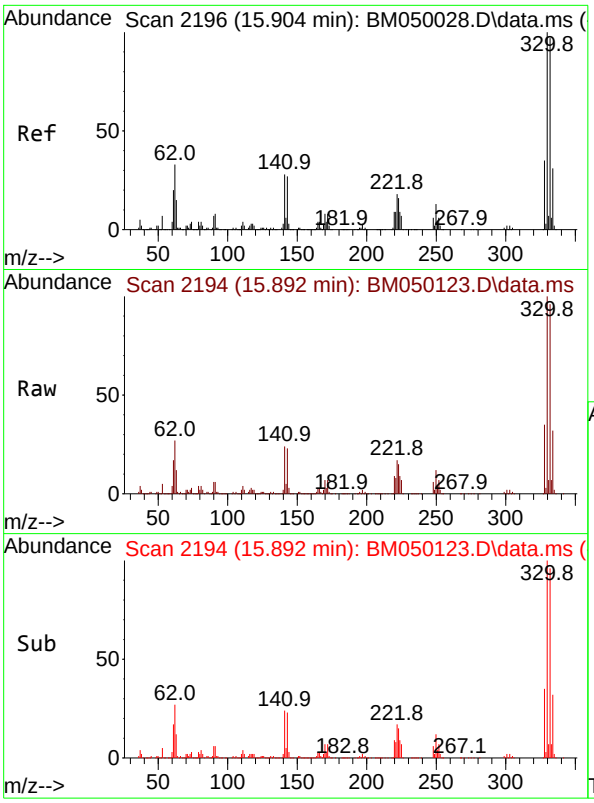


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1939
Delta R.T. -0.018 min
Lab File: BM050123.D
Acq: 06 May 2025 17:18

Tgt Ion:164 Resp: 714022

Ion	Ratio	Lower	Upper
164	100		
162	98.7	79.4	119.0
160	44.8	36.2	54.4



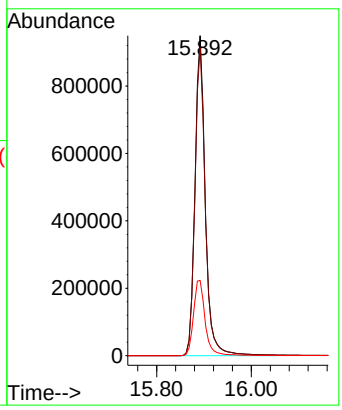


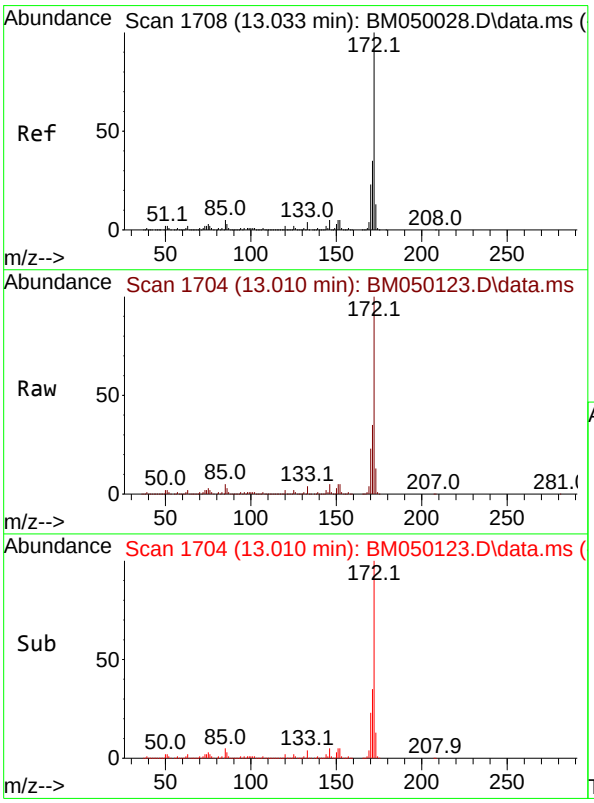
#42
2,4,6-Tribromophenol
Concen: 136.800 ng
RT: 15.892 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM050123.D
Acq: 06 May 2025 17:18

Instrument :
BNA_M
ClientSampleId :
COMP1

Tgt Ion:330 Resp: 1444300

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.3	115.9
141	26.6	22.5	33.7

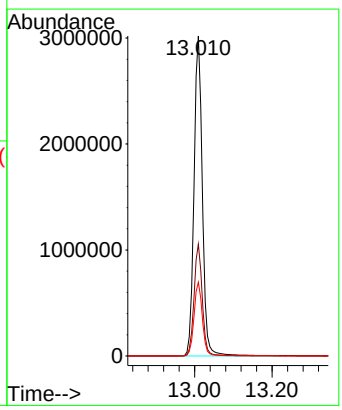


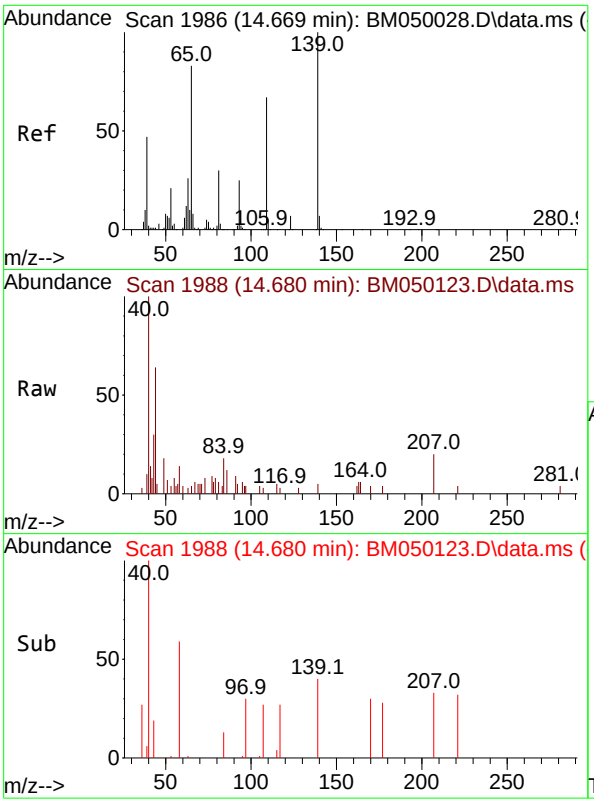


#45
2-Fluorobiphenyl
Concen: 74.902 ng
RT: 13.010 min Scan# 1704
Delta R.T. -0.024 min
Lab File: BM050123.D
Acq: 06 May 2025 17:18

Tgt Ion:172 Resp: 4520913

Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.8	41.6
170	23.0	18.6	28.0



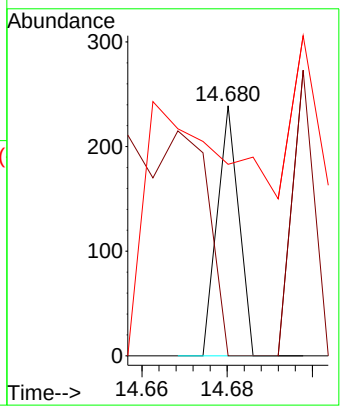


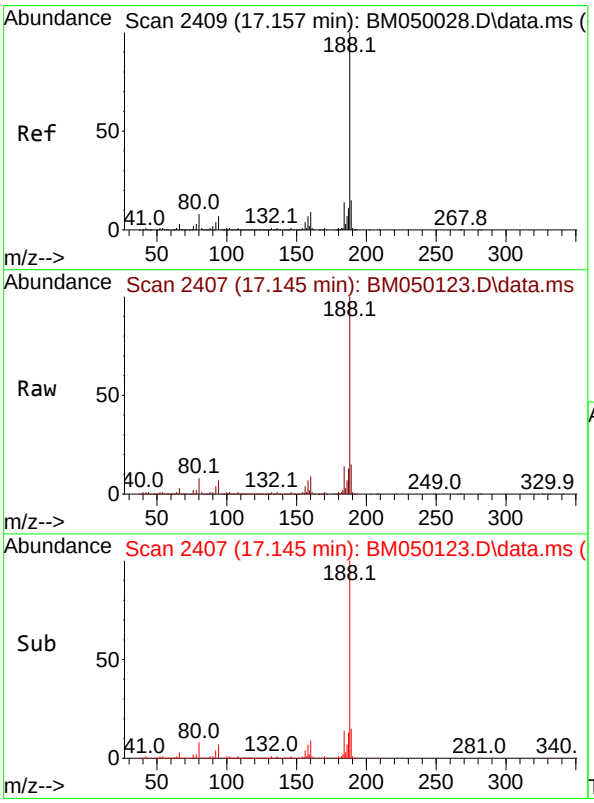
#56
4-Nitrophenol
Concen: 4.543 ng
RT: 14.680 min Scan# 1
Delta R.T. 0.011 min
Lab File: BM050123.D
Acq: 06 May 2025 17:18

Instrument :
BNA_M
ClientSampleId :
COMP1

Tgt Ion:139 Resp: 84

Ion	Ratio	Lower	Upper
139	100		
109	0.0	47.0	87.0#
65	76.6	64.3	104.3

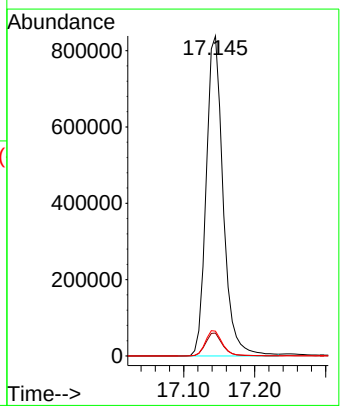


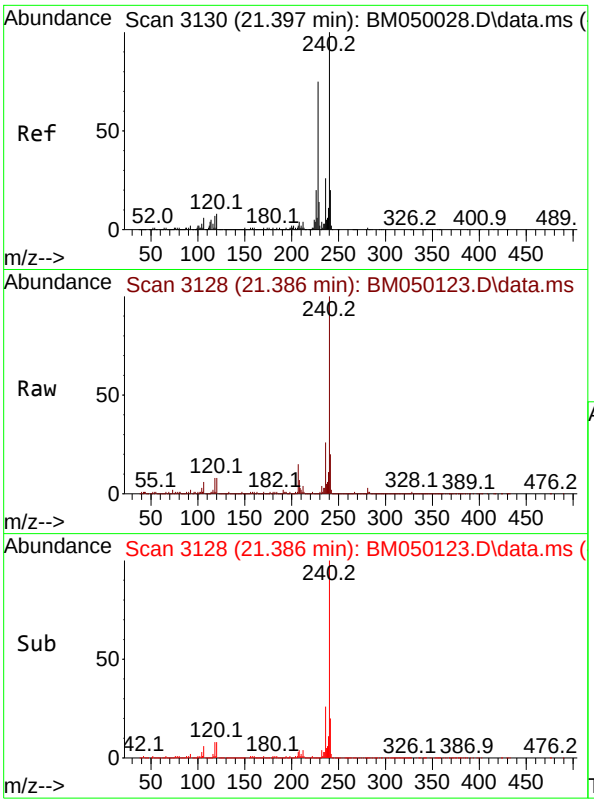


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 2407
Delta R.T. -0.012 min
Lab File: BM050123.D
Acq: 06 May 2025 17:18

Tgt Ion:188 Resp: 1393022

Ion	Ratio	Lower	Upper
188	100		
94	7.2	5.7	8.5
80	7.7	6.2	9.4



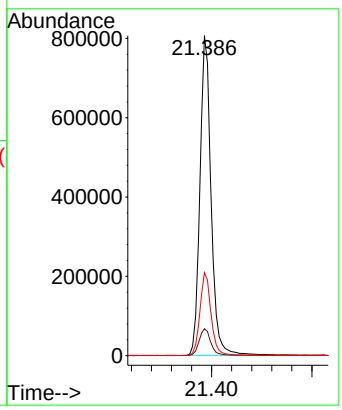


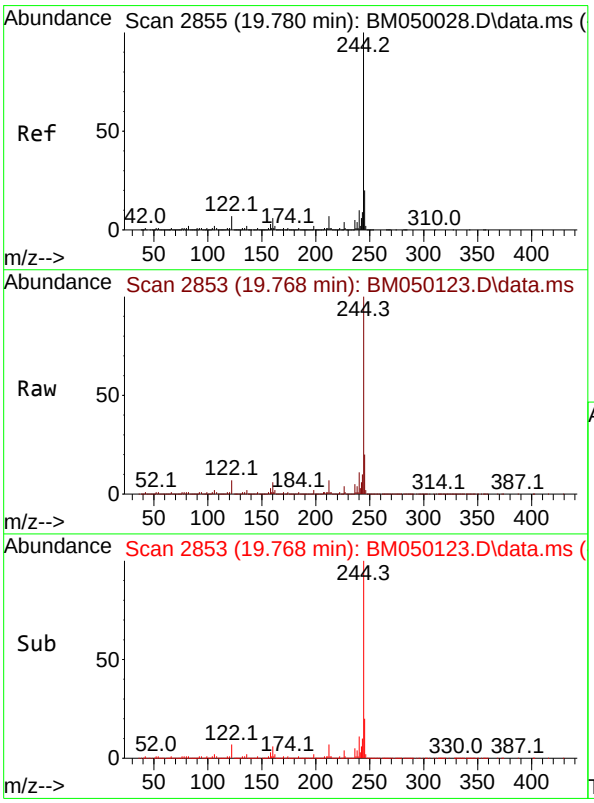
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 3
Delta R.T. -0.011 min
Lab File: BM050123.D
Acq: 06 May 2025 17:18

Instrument :
BNA_M
ClientSampleId :
COMP1

Tgt Ion:240 Resp: 1246435

Ion	Ratio	Lower	Upper
240	100		
120	8.4	6.5	9.7
236	25.9	20.9	31.3

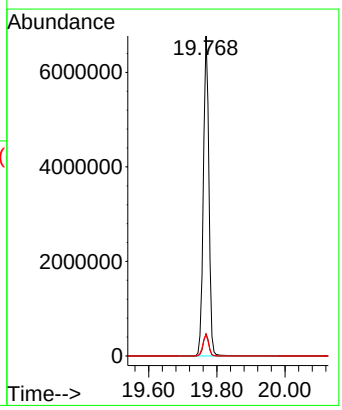


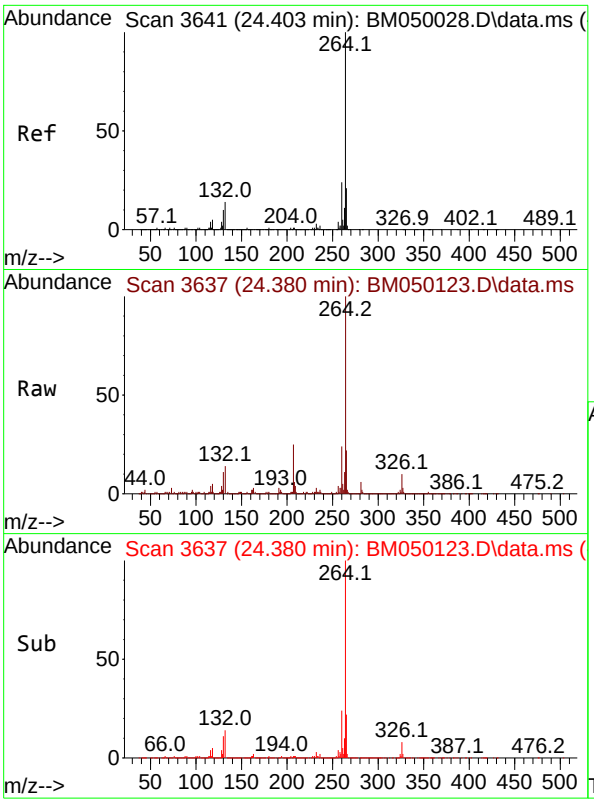


#79
Terphenyl-d14
Concen: 90.918 ng
RT: 19.768 min Scan# 2853
Delta R.T. -0.012 min
Lab File: BM050123.D
Acq: 06 May 2025 17:18

Tgt Ion:244 Resp: 7658339

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: 24.380 min Scan# 3
Delta R.T. -0.024 min
Lab File: BM050123.D
Acq: 06 May 2025 17:18

Instrument :
BNA_M
ClientSampleId :
COMP1

Tgt Ion:264 Resp: 1278300

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.8	28.2
265	22.3	17.0	25.4