Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM043025\
Data File : BM050058.D
Acq On : 30 Apr 2025 23:54
Operator : RC/JU
Sample : Q1883-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OU4-VSL-18-042325

Quant Time: May 01 02:21:04 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	244720	20.000	ng	0.00
21) Naphthalene-d8	10.557	136	862862	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	592525	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	1178654	20.000	ng	0.00
76) Chrysene-d12	21.392	240	1117971	20.000	ng	0.00
86) Perylene-d12	24.391	264	1185662	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1134083	81.148	ng	0.00
7) Phenol-d6	6.946	99	1424533	81.099	ng	0.00
23) Nitrobenzene-d5	8.922	82	861079	49.175	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	646642	73.807	ng	0.00
45) 2-Fluorobiphenyl	13.027	172	2338280	46.684	ng	0.00
79) Terphenyl-d14	19.780	244	3924914	51.950	ng	0.00
Target Compounds						Qvalue
63) Azobenzene	15.768	77	280968	8.216	ng	# 1

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

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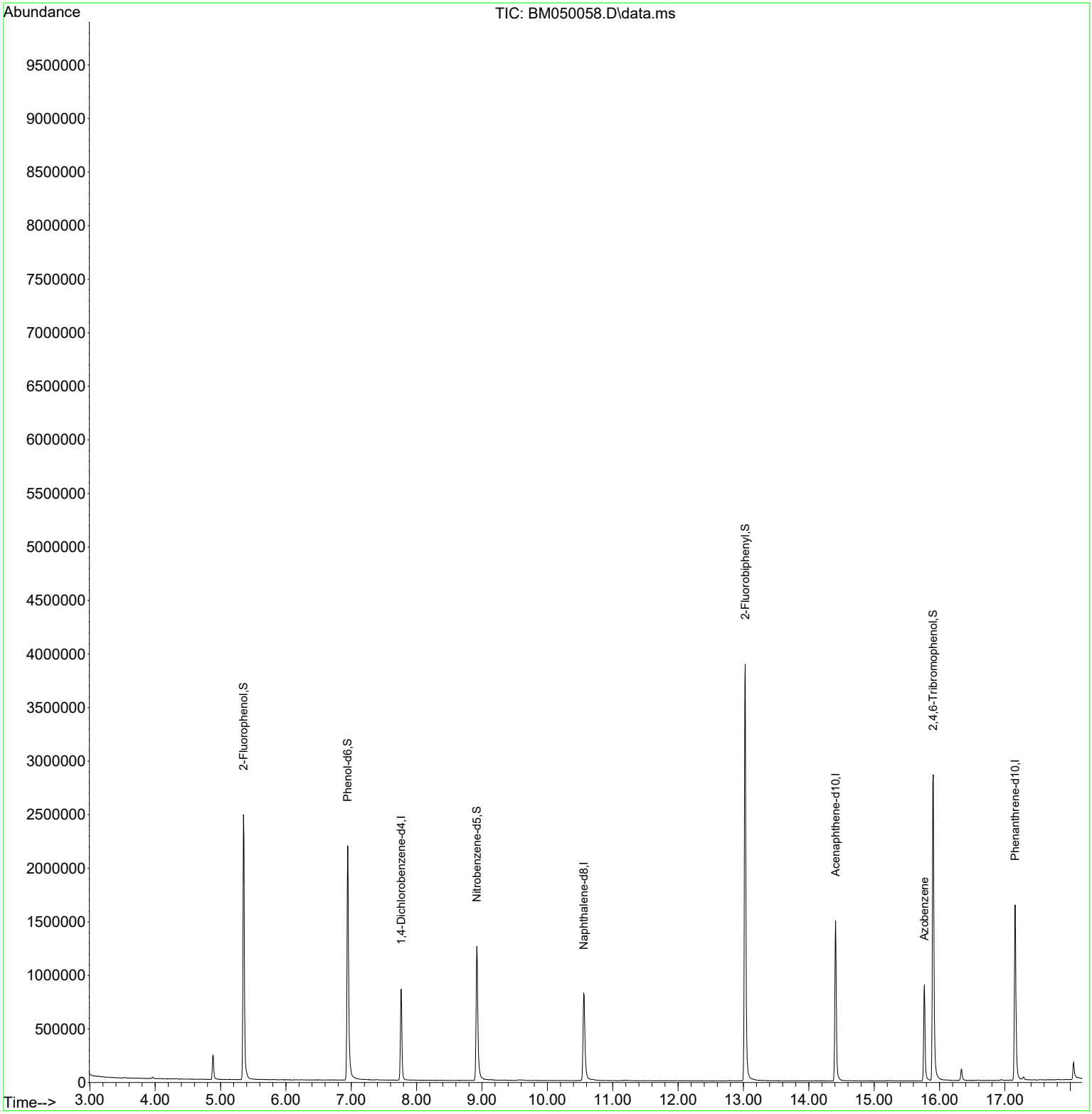

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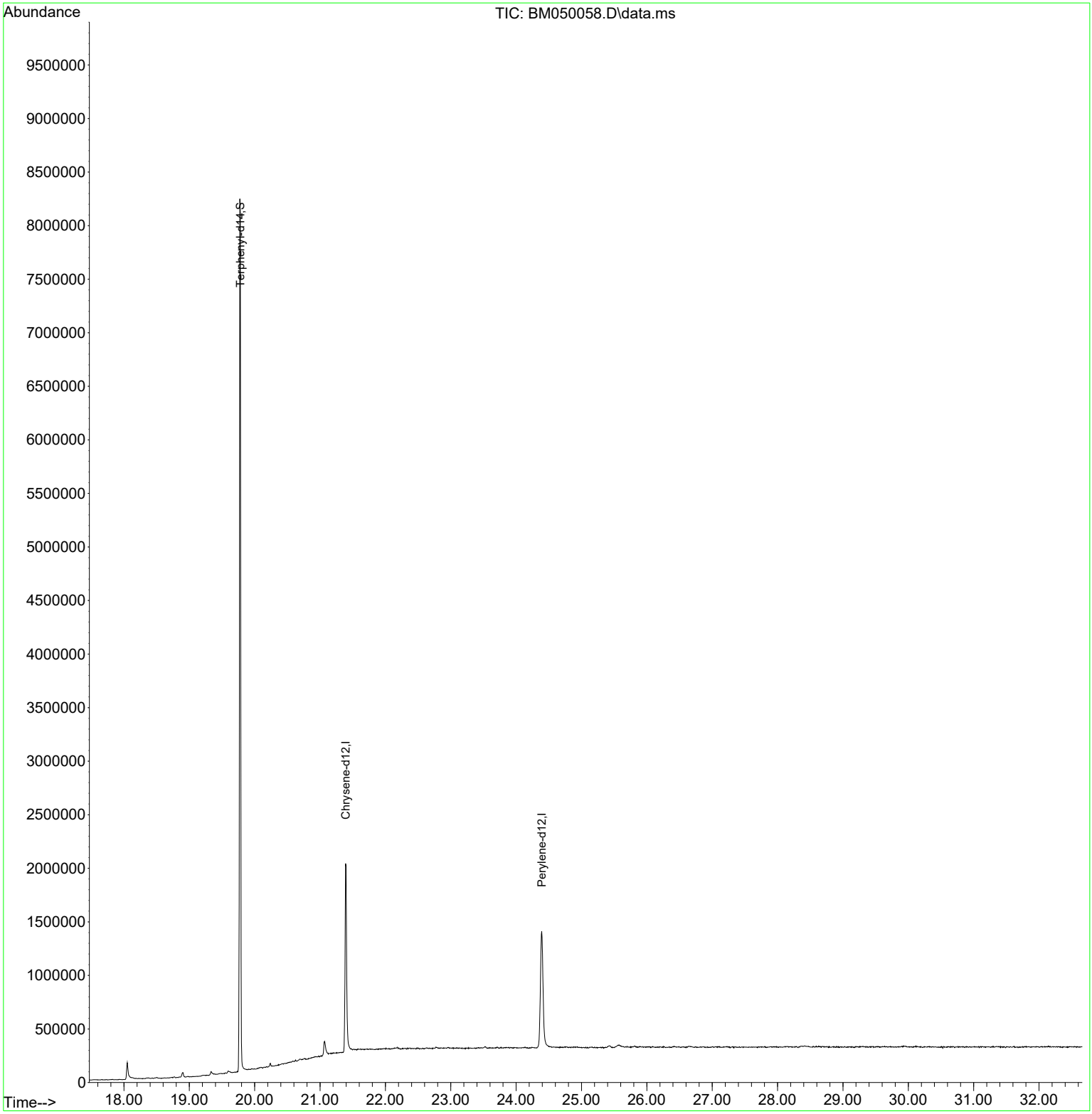
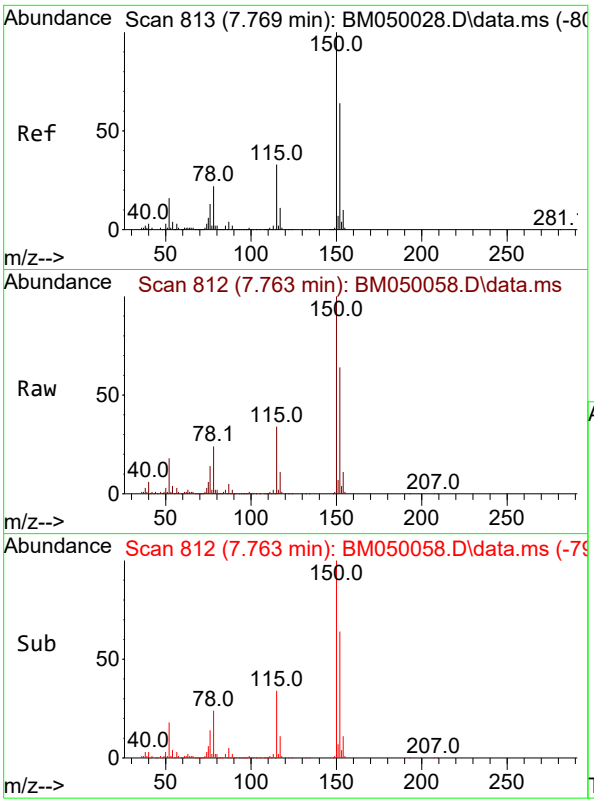


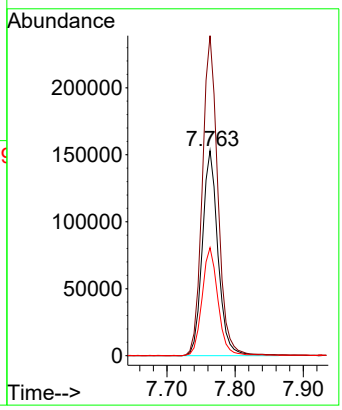


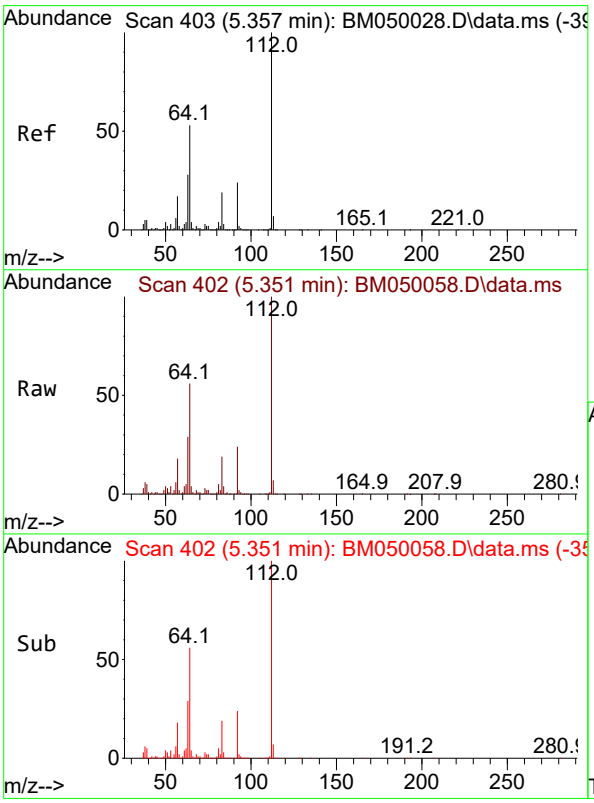
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 8
Delta R.T. -0.006 min
Lab File: BM050058.D
Acq: 30 Apr 2025 23:54

Instrument :
BNA_M
ClientSampleId :
OU4-VSL-18-042325

Tgt Ion:152 Resp: 244720

Ion	Ratio	Lower	Upper
152	100		
150	156.1	124.1	186.1
115	52.7	41.2	61.8

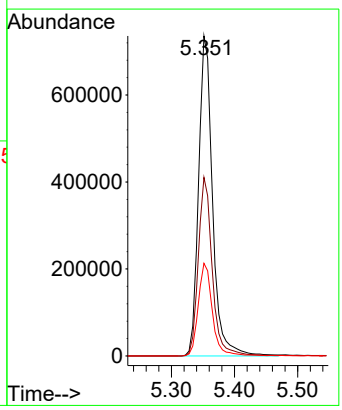


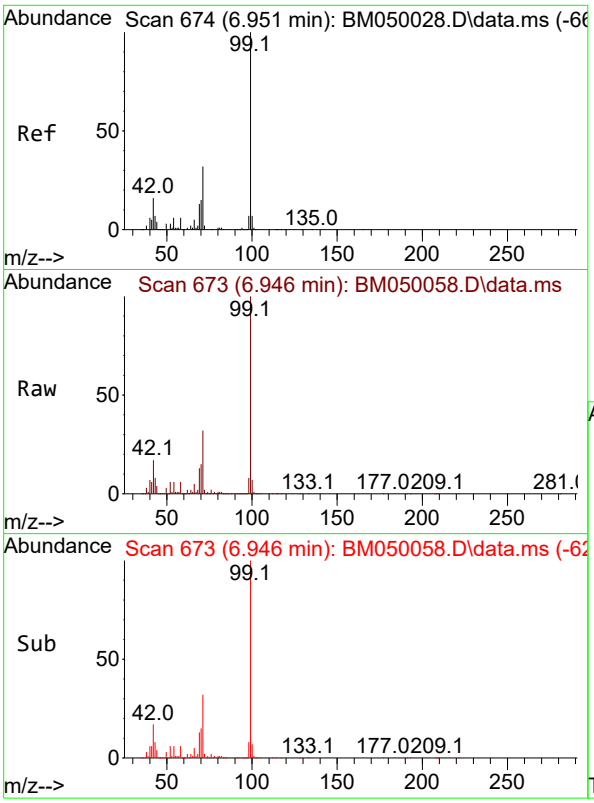


#5
2-Fluorophenol
Concen: 81.148 ng
RT: 5.351 min Scan# 402
Delta R.T. -0.006 min
Lab File: BM050058.D
Acq: 30 Apr 2025 23:54

Tgt Ion:112 Resp: 1134083

Ion	Ratio	Lower	Upper
112	100		
64	55.8	42.6	64.0
63	29.0	22.2	33.4



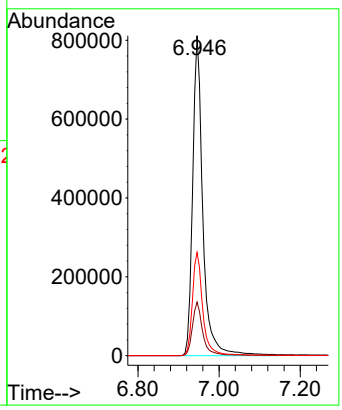


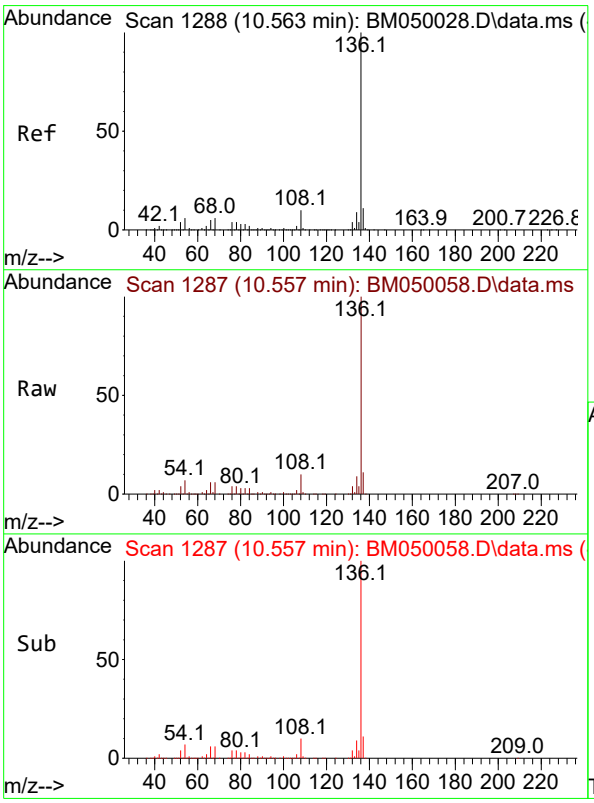
#7
Phenol-d6
Concen: 81.099 ng
RT: 6.946 min Scan# 6
Delta R.T. -0.006 min
Lab File: BM050058.D
Acq: 30 Apr 2025 23:54

Instrument :
BNA_M
ClientSampleId :
OU4-VSL-18-042325

Tgt Ion: 99 Resp: 1424533

Ion	Ratio	Lower	Upper
99	100		
42	16.7	13.0	19.4
71	32.2	25.6	38.4

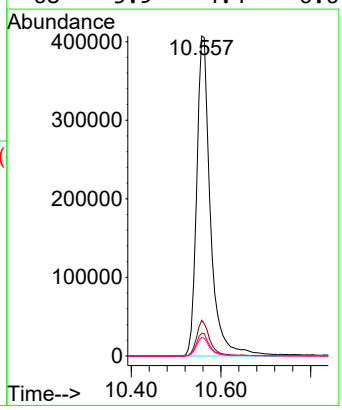


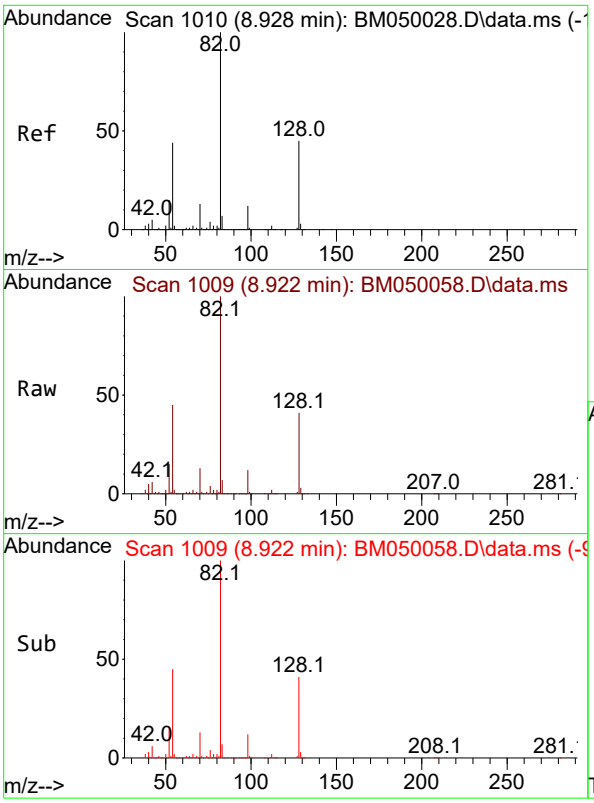


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.557 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BM050058.D
Acq: 30 Apr 2025 23:54

Tgt Ion:136 Resp: 862862

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	7.1	5.1	7.7
68	5.9	4.4	6.6



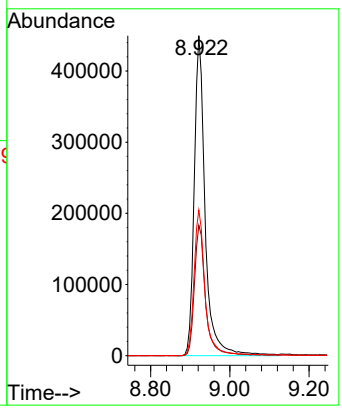


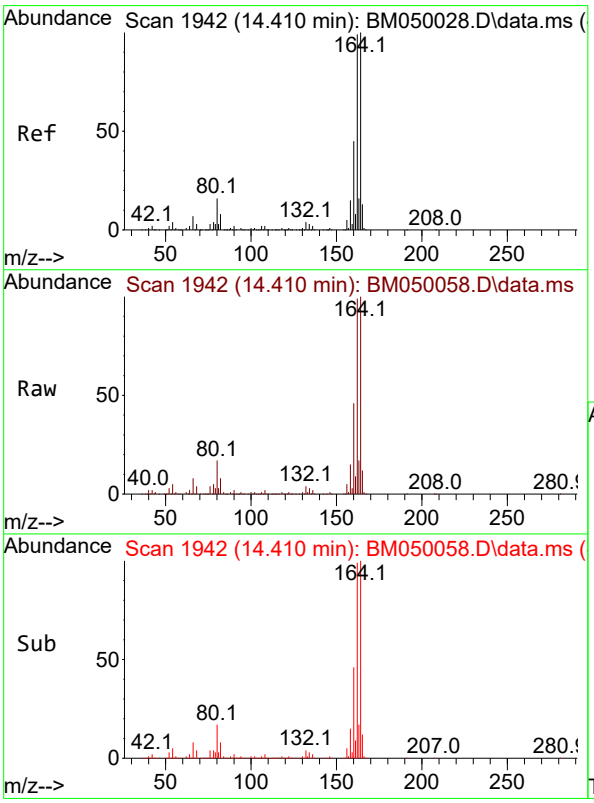
#23
Nitrobenzene-d5
Concen: 49.175 ng
RT: 8.922 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050058.D
Acq: 30 Apr 2025 23:54

Instrument :
BNA_M
ClientSampleId :
OU4-VSL-18-042325

Tgt Ion: 82 Resp: 861079

Ion	Ratio	Lower	Upper
82	100		
128	40.7	35.7	53.5
54	45.5	35.4	53.2

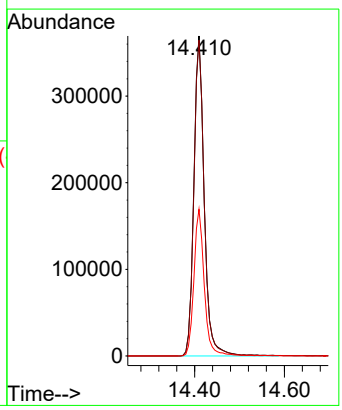


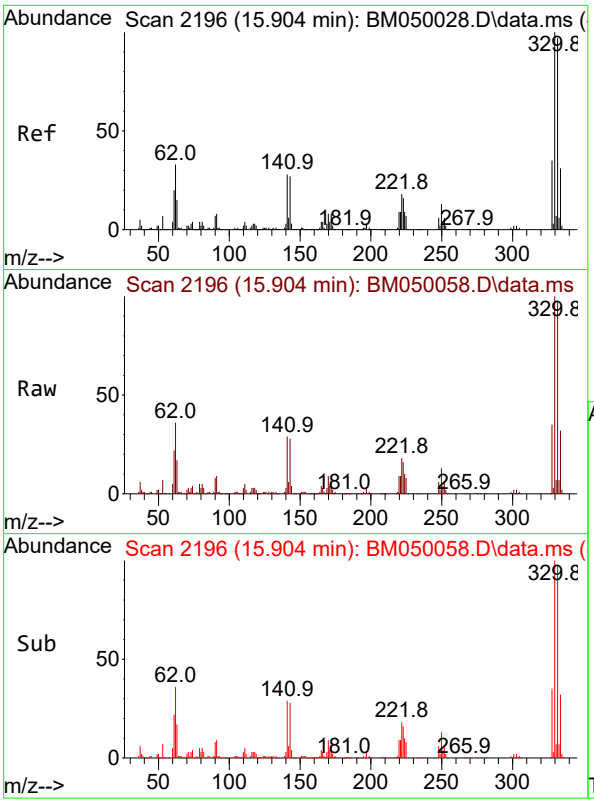


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1942
Delta R.T. -0.000 min
Lab File: BM050058.D
Acq: 30 Apr 2025 23:54

Tgt Ion:164 Resp: 592525

Ion	Ratio	Lower	Upper
164	100		
162	98.7	79.4	119.0
160	45.8	36.2	54.4



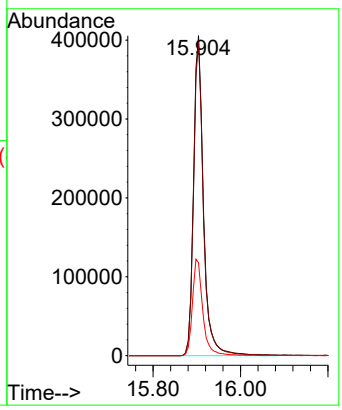


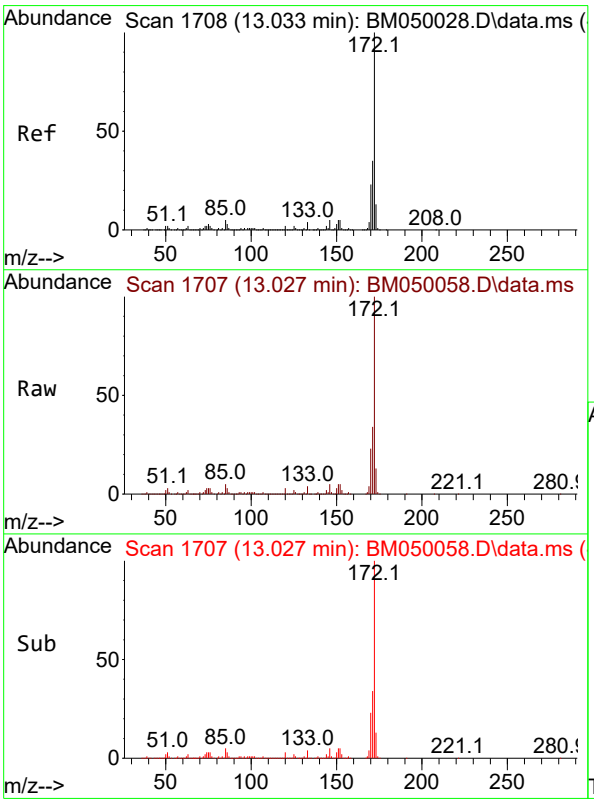
#42
2,4,6-Tribromophenol
Concen: 73.807 ng
RT: 15.904 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050058.D
Acq: 30 Apr 2025 23:54

Instrument :
BNA_M
ClientSampleId :
OU4-VSL-18-042325

Tgt Ion:330 Resp: 646642

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.3	115.9
141	31.5	22.5	33.7

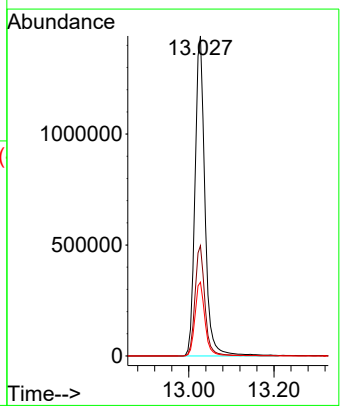


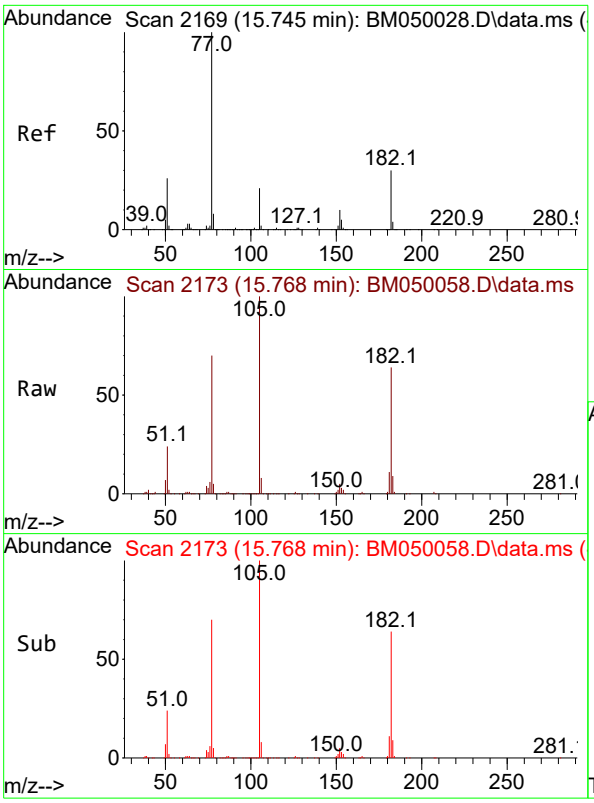


#45
2-Fluorobiphenyl
Concen: 46.684 ng
RT: 13.027 min Scan# 1707
Delta R.T. -0.006 min
Lab File: BM050058.D
Acq: 30 Apr 2025 23:54

Tgt Ion:172 Resp: 2338280

Ion	Ratio	Lower	Upper
172	100		
171	34.5	27.8	41.6
170	23.1	18.6	28.0



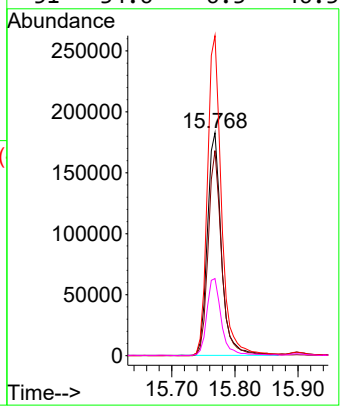


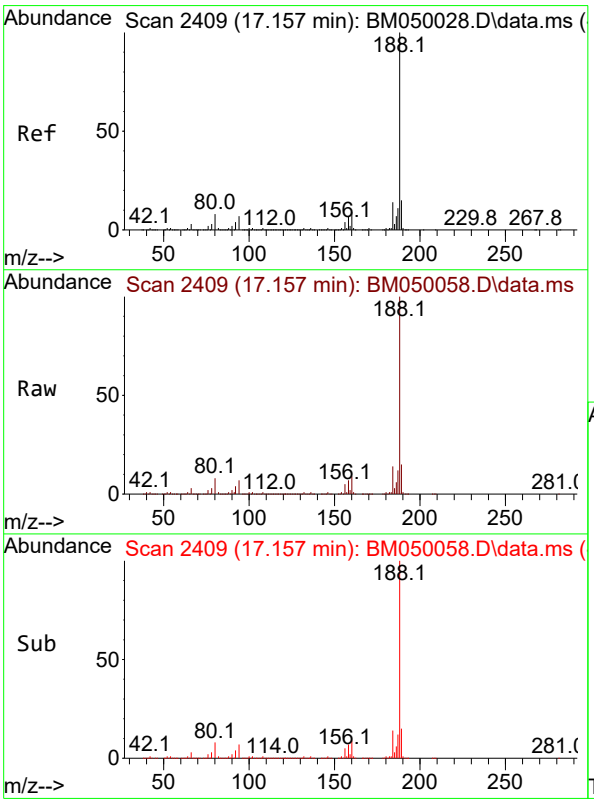
#63
Azobenzene
Concen: 8.216 ng
RT: 15.768 min Scan# 21
Delta R.T. 0.024 min
Lab File: BM050058.D
Acq: 30 Apr 2025 23:54

Instrument :
BNA_M
ClientSampleId :
OU4-VSL-18-042325

Tgt Ion: 77 Resp: 280968

Ion	Ratio	Lower	Upper
77	100		
182	92.0	10.5	50.5#
105	143.6	1.1	41.1#
51	34.6	6.3	46.3

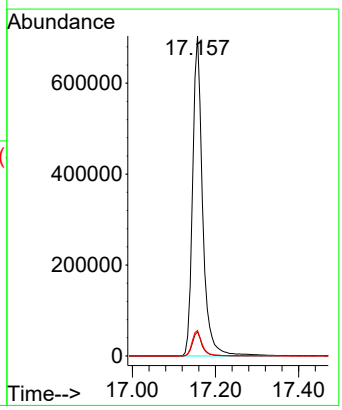


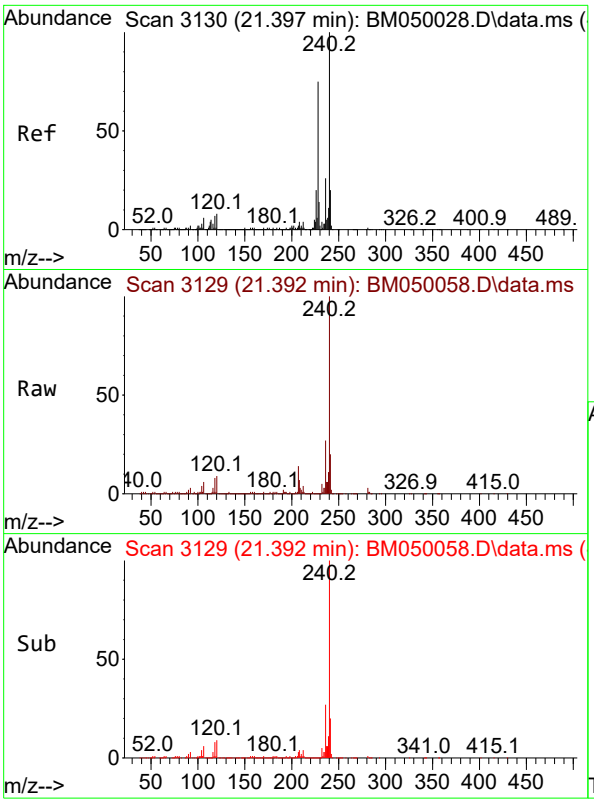


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 2409
Delta R.T. -0.000 min
Lab File: BM050058.D
Acq: 30 Apr 2025 23:54

Tgt Ion:188 Resp: 1178654

Ion	Ratio	Lower	Upper
188	100		
94	7.5	5.7	8.5
80	8.0	6.2	9.4



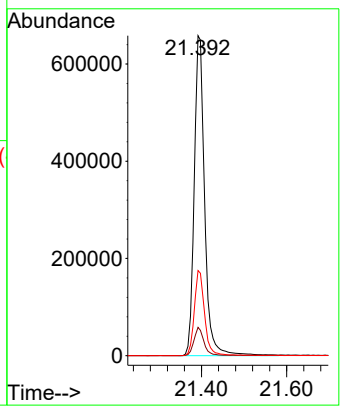


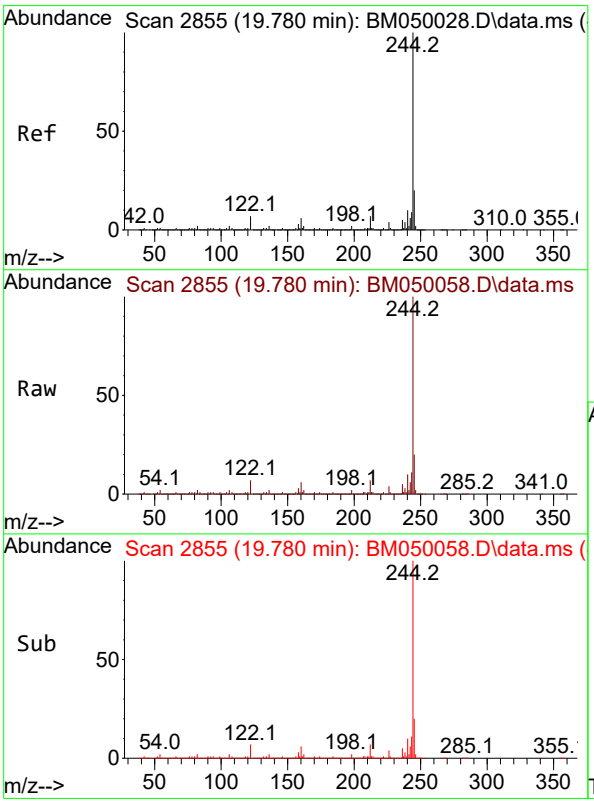
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.392 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM050058.D
Acq: 30 Apr 2025 23:54

Instrument :
BNA_M
ClientSampleId :
OU4-VSL-18-042325

Tgt Ion:240 Resp: 1117971

Ion	Ratio	Lower	Upper
240	100		
120	8.9	6.5	9.7
236	26.6	20.9	31.3

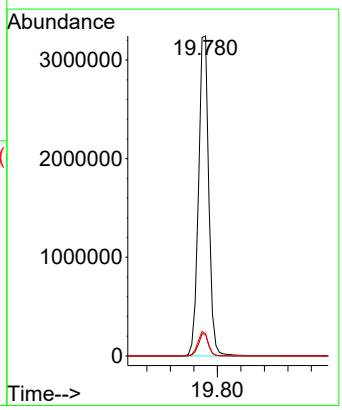


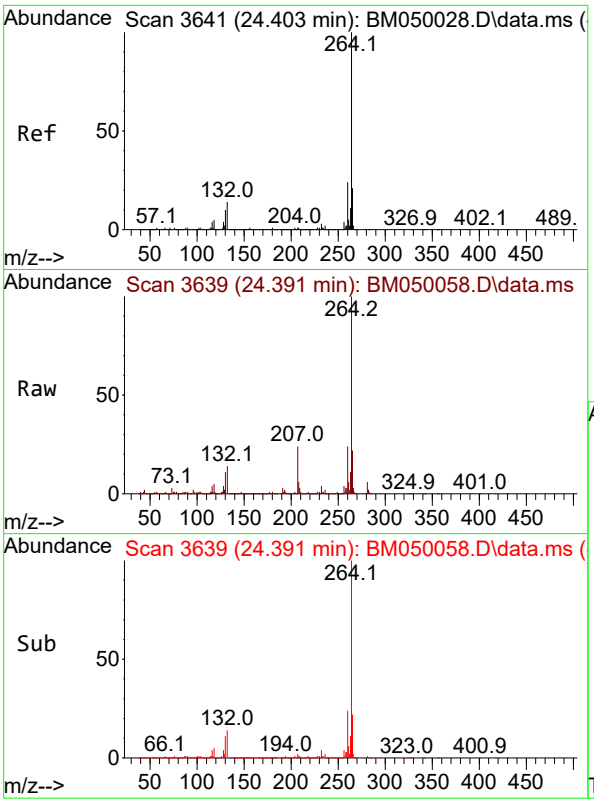


#79
Terphenyl-d14
Concen: 51.950 ng
RT: 19.780 min Scan# 2855
Delta R.T. 0.000 min
Lab File: BM050058.D
Acq: 30 Apr 2025 23:54

Tgt Ion:244 Resp: 3924914

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.6	8.4
122	6.9	5.6	8.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.391 min Scan# 3
Delta R.T. -0.012 min
Lab File: BM050058.D
Acq: 30 Apr 2025 23:54

Instrument :
BNA_M
ClientSampleId :
OU4-VSL-18-042325

Tgt Ion:264 Resp: 1185662

Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.8	28.2
265	22.0	17.0	25.4