Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050625\
Data File : BM050117.D
Acq On : 06 May 2025 13:23
Operator : RC/JU
Sample : Q1937-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-F

Quant Time: May 06 14:04:05 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	292655	20.000	ng	-0.02
21) Naphthalene-d8	10.539	136	1075638	20.000	ng	-0.02
39) Acenaphthene-d10	14.392	164	728595	20.000	ng	-0.02
64) Phenanthrene-d10	17.139	188	1420998	20.000	ng	-0.02
76) Chrysene-d12	21.386	240	1302021	20.000	ng	-0.01
86) Perylene-d12	24.374	264	1310183	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1481486	88.643	ng	-0.02
7) Phenol-d6	6.934	99	1921759	91.486	ng	-0.02
23) Nitrobenzene-d5	8.904	82	1161561	53.213	ng	-0.02
42) 2,4,6-Tribromophenol	15.892	330	999195	92.748	ng	-0.01
45) 2-Fluorobiphenyl	13.010	172	3167476	51.429	ng	-0.02
79) Terphenyl-d14	19.768	244	5097045	57.928	ng	-0.01
Target Compounds						Qvalue

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

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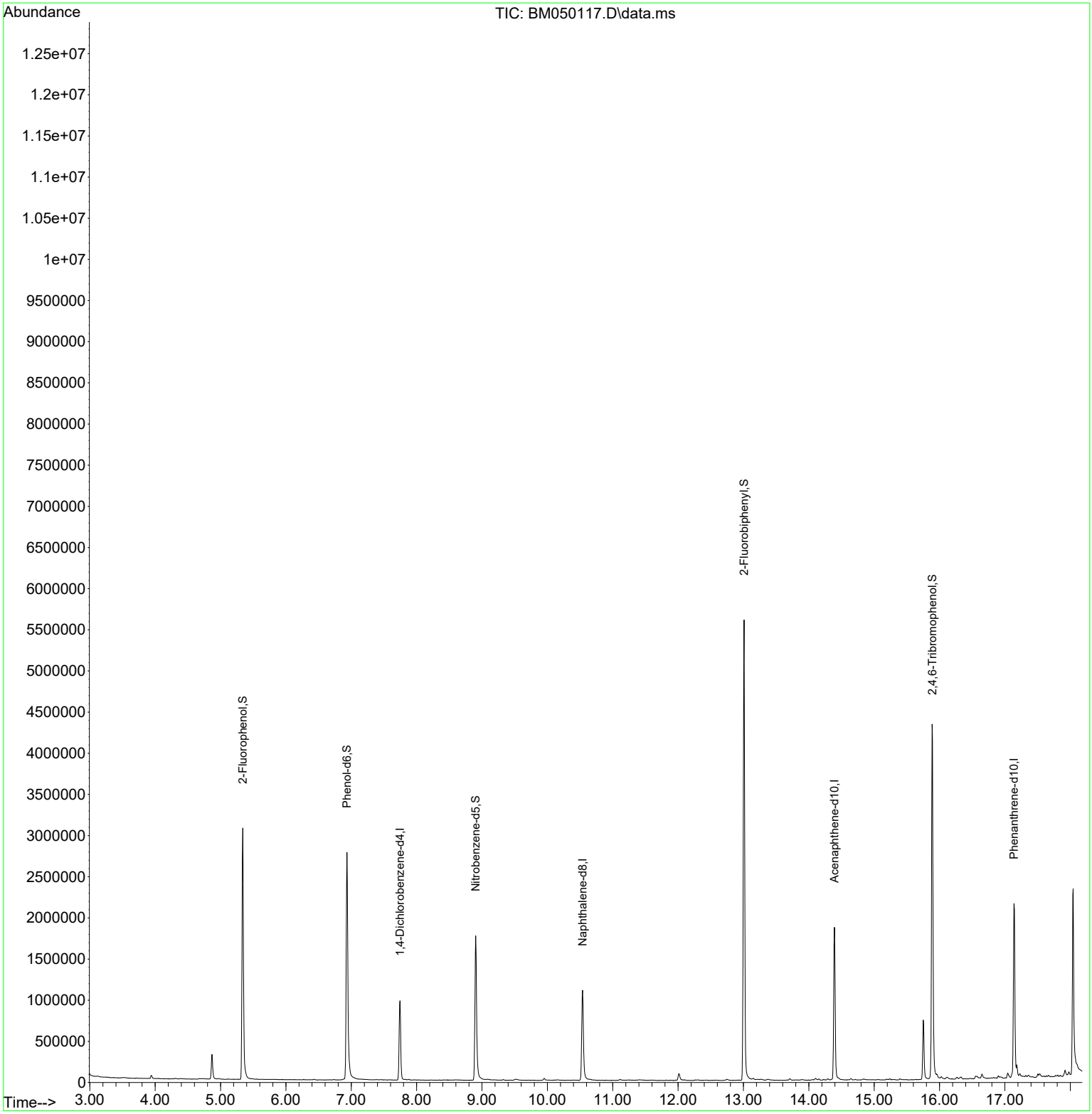

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Data File : BM050117.D
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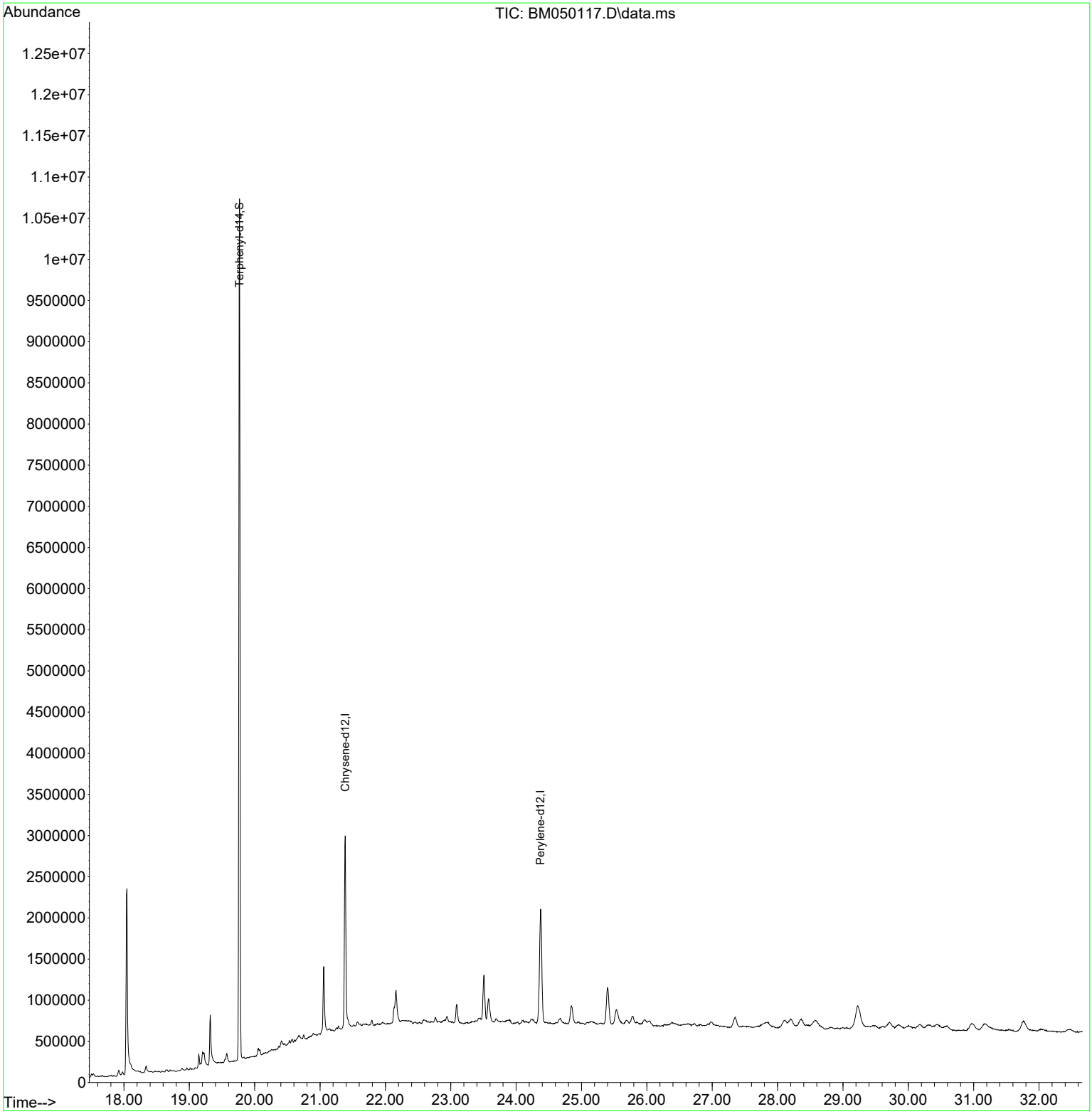
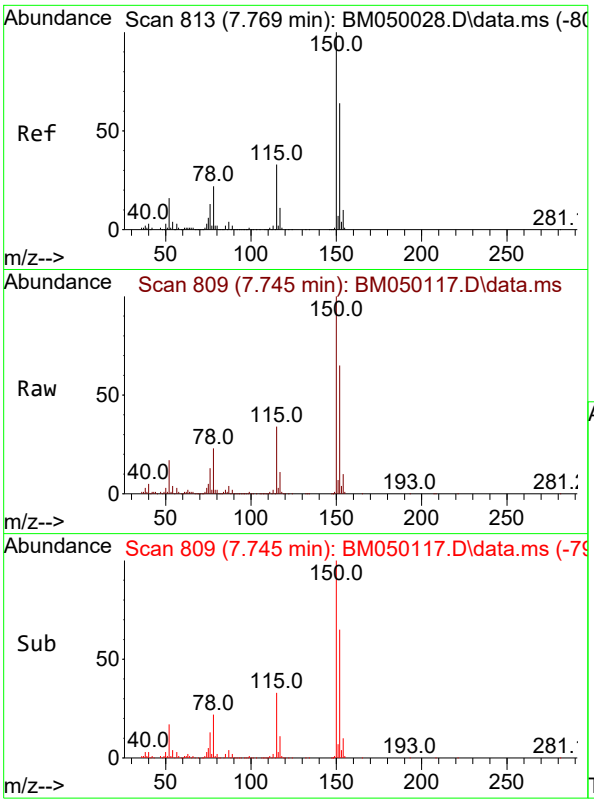


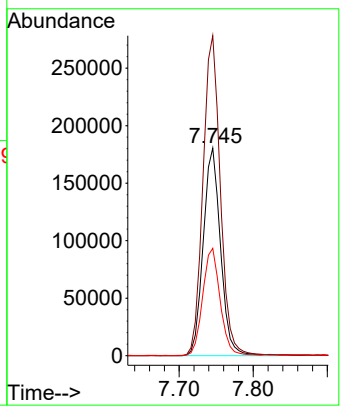


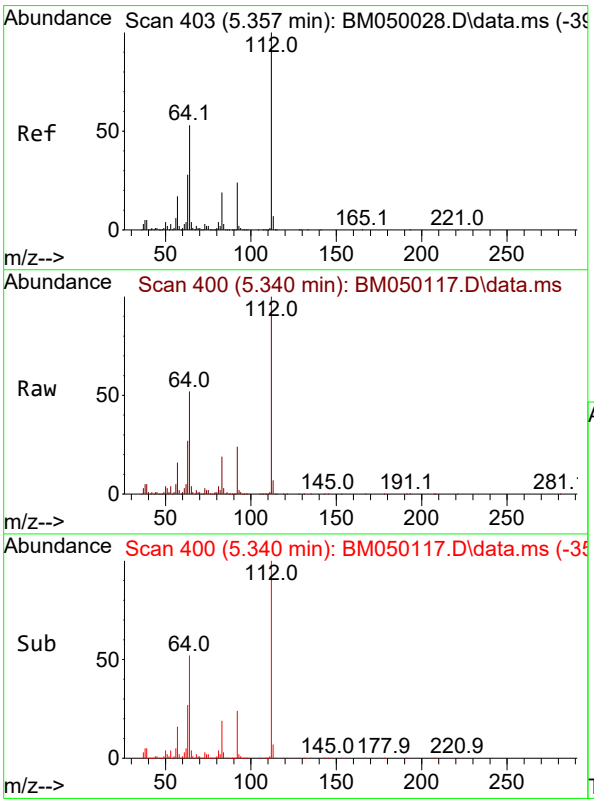
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.745 min Scan# 80
Delta R.T. -0.024 min
Lab File: BM050117.D
Acq: 06 May 2025 13:23

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-F

Tgt Ion:152 Resp: 292655

Ion	Ratio	Lower	Upper
152	100		
150	154.0	124.1	186.1
115	51.7	41.2	61.8

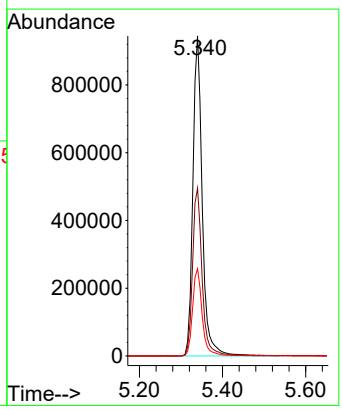


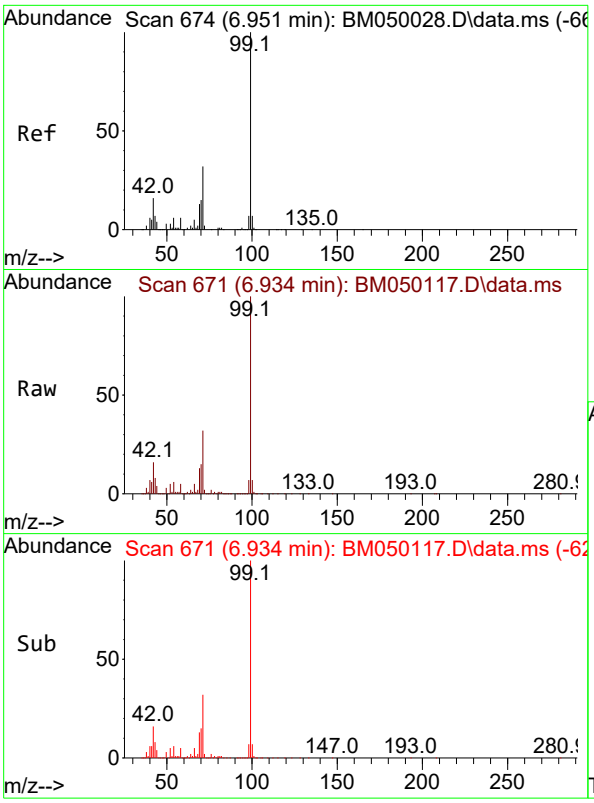


#5
2-Fluorophenol
Concen: 88.643 ng
RT: 5.340 min Scan# 400
Delta R.T. -0.018 min
Lab File: BM050117.D
Acq: 06 May 2025 13:23

Tgt Ion:112 Resp: 1481486

Ion	Ratio	Lower	Upper
112	100		
64	52.5	42.6	64.0
63	27.3	22.2	33.4



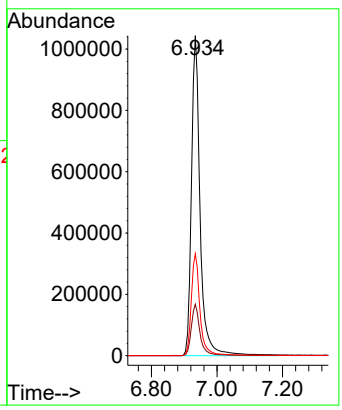


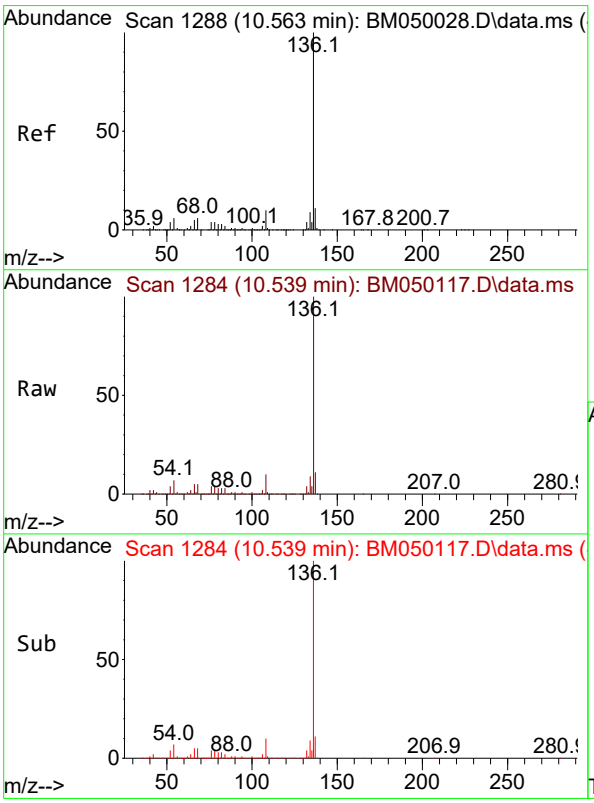
#7
Phenol-d6
Concen: 91.486 ng
RT: 6.934 min Scan# 6
Delta R.T. -0.018 min
Lab File: BM050117.D
Acq: 06 May 2025 13:23

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-F

Tgt Ion: 99 Resp: 1921759

Ion	Ratio	Lower	Upper
99	100		
42	16.1	13.0	19.4
71	31.8	25.6	38.4

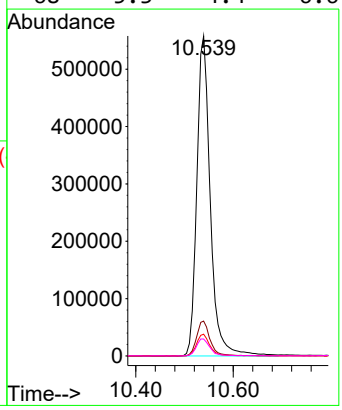


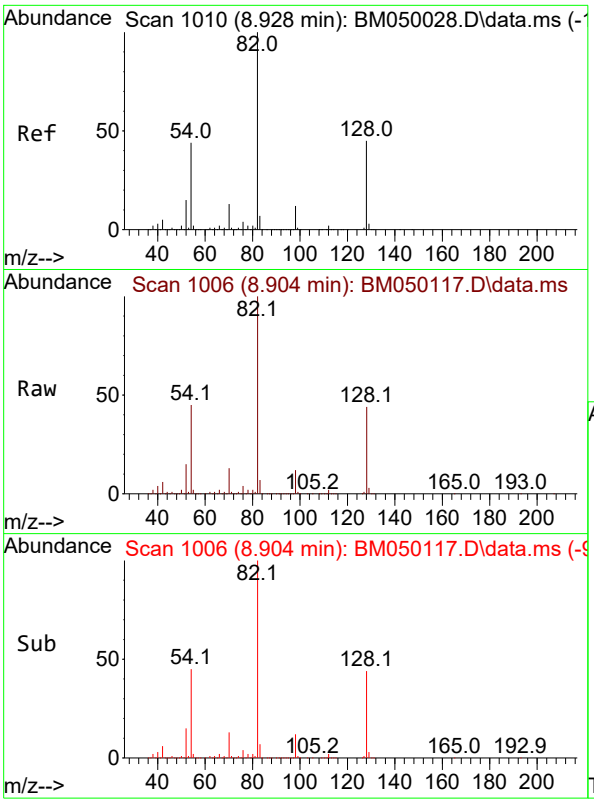


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.539 min Scan# 1284
Delta R.T. -0.024 min
Lab File: BM050117.D
Acq: 06 May 2025 13:23

Tgt Ion:136 Resp: 1075638

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.8	5.1	7.7
68	5.3	4.4	6.6



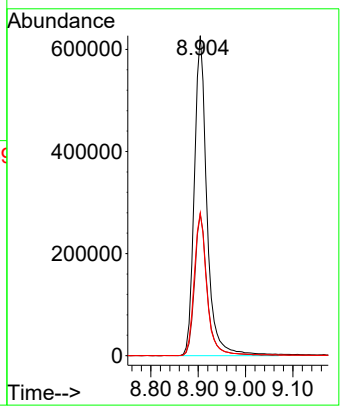


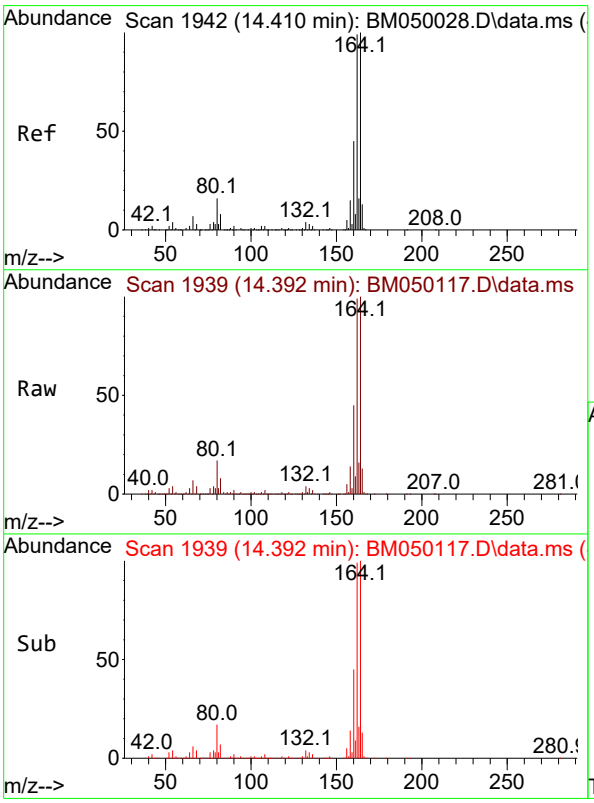
#23
Nitrobenzene-d5
Concen: 53.213 ng
RT: 8.904 min Scan# 1(
Delta R.T. -0.024 min
Lab File: BM050117.D
Acq: 06 May 2025 13:23

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-F

Tgt Ion: 82 Resp: 1161561

Ion	Ratio	Lower	Upper
82	100		
128	44.2	35.7	53.5
54	44.7	35.4	53.2

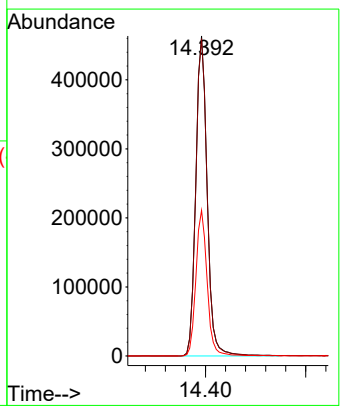


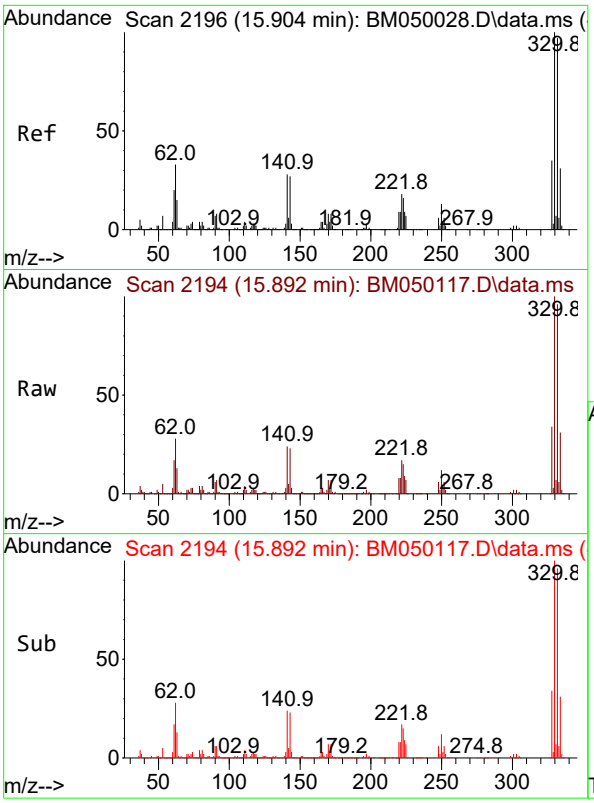


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1939
Delta R.T. -0.018 min
Lab File: BM050117.D
Acq: 06 May 2025 13:23

Tgt Ion:164 Resp: 728595

Ion	Ratio	Lower	Upper
164	100		
162	99.2	79.4	119.0
160	45.5	36.2	54.4



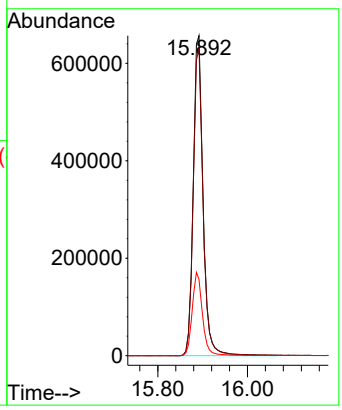


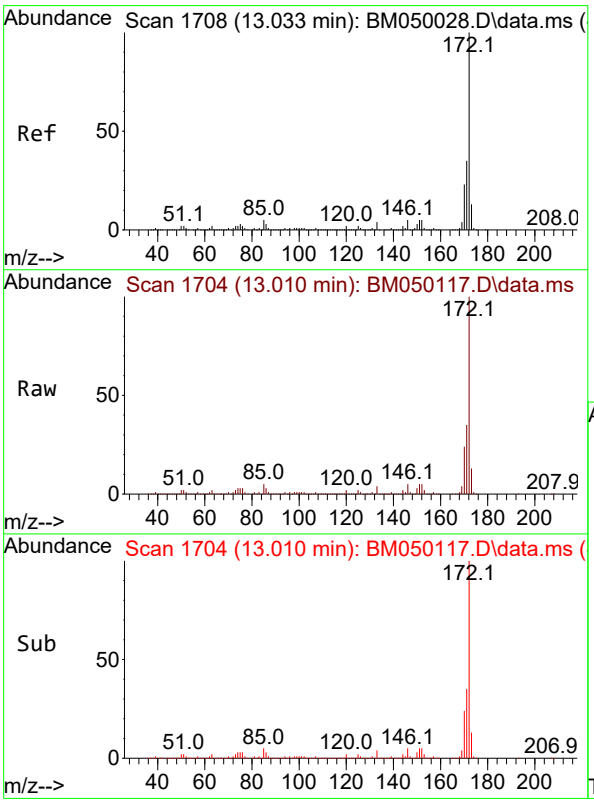
#42
2,4,6-Tribromophenol
Concen: 92.748 ng
RT: 15.892 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050117.D
Acq: 06 May 2025 13:23

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-F

Tgt Ion:330 Resp: 999195

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.3	115.9
141	27.3	22.5	33.7

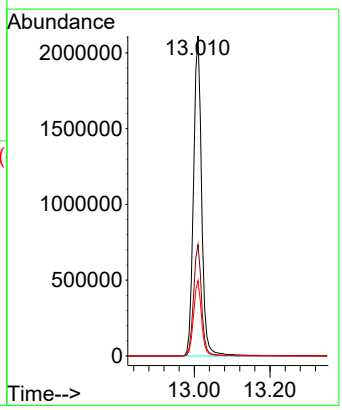


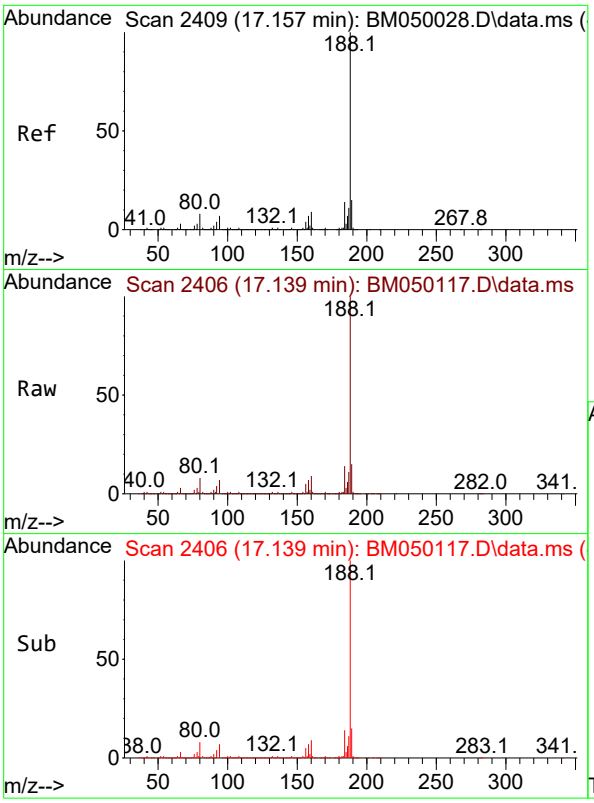


#45
2-Fluorobiphenyl
Concen: 51.429 ng
RT: 13.010 min Scan# 1704
Delta R.T. -0.024 min
Lab File: BM050117.D
Acq: 06 May 2025 13:23

Tgt Ion:172 Resp: 3167476

Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.8	41.6
170	23.5	18.6	28.0



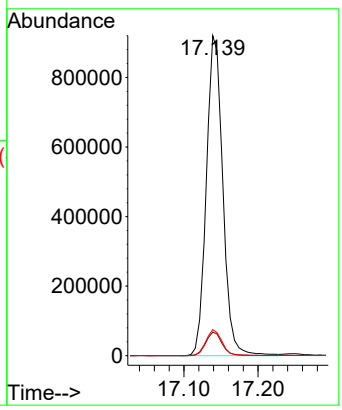


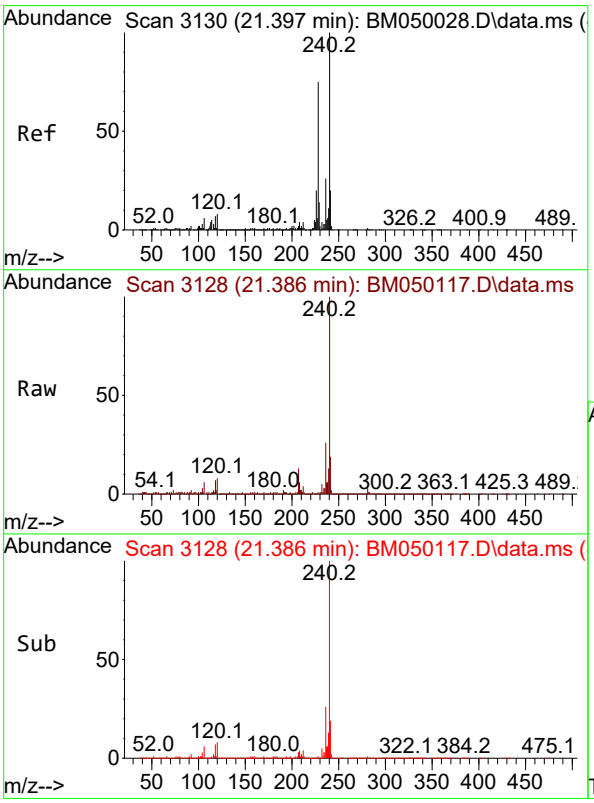
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.139 min Scan# 24
Delta R.T. -0.018 min
Lab File: BM050117.D
Acq: 06 May 2025 13:23

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-F

Tgt Ion:188 Resp: 1420998

Ion	Ratio	Lower	Upper
188	100		
94	7.4	5.7	8.5
80	8.1	6.2	9.4

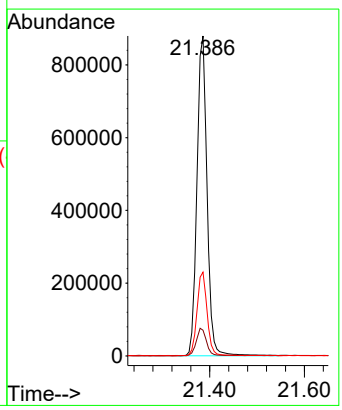


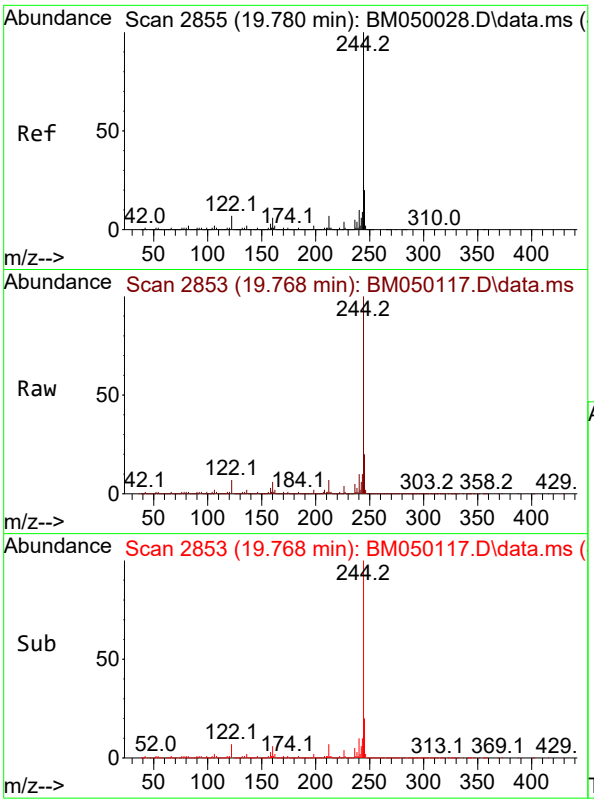


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 3128
Delta R.T. -0.011 min
Lab File: BM050117.D
Acq: 06 May 2025 13:23

Tgt Ion:240 Resp: 1302021

Ion	Ratio	Lower	Upper
240	100		
120	8.1	6.5	9.7
236	26.2	20.9	31.3



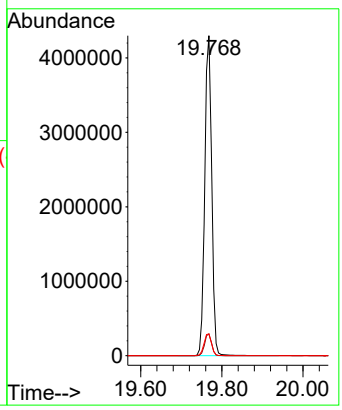


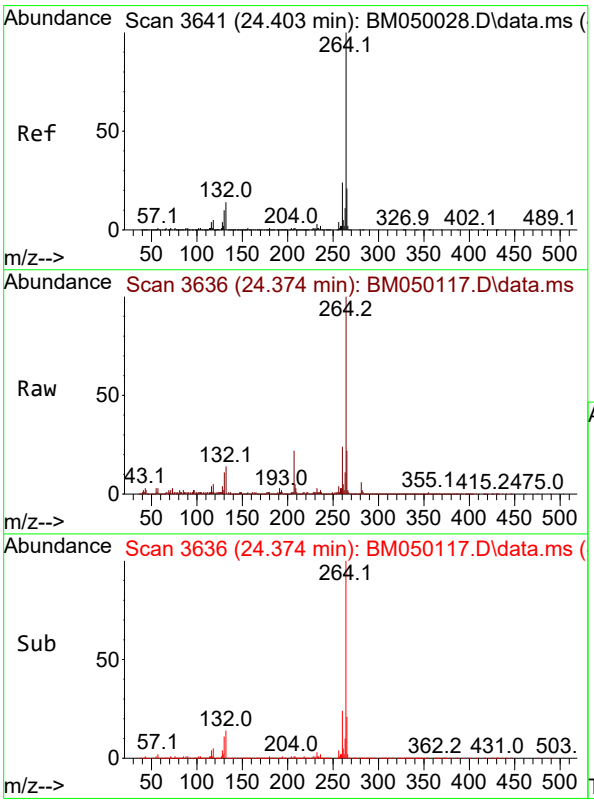
#79
Terphenyl-d14
Concen: 57.928 ng
RT: 19.768 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050117.D
Acq: 06 May 2025 13:23

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-F

Tgt Ion:244 Resp: 5097045

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.6	8.4
122	6.8	5.6	8.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.374 min Scan# 3636
Delta R.T. -0.029 min
Lab File: BM050117.D
Acq: 06 May 2025 13:23

Tgt Ion:264 Resp: 1310183

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.8	28.2
265	21.9	17.0	25.4