Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050130.D
Acq On : 07 May 2025 10:35
Operator : RC/JU
Sample : PB167879BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167879BL

Quant Time: May 07 11:58:53 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	266570	20.000	ng	-0.02
21) Naphthalene-d8	10.539	136	933974	20.000	ng	-0.02
39) Acenaphthene-d10	14.392	164	599928	20.000	ng	-0.02
64) Phenanthrene-d10	17.145	188	1149458	20.000	ng	-0.01
76) Chrysene-d12	21.386	240	916515	20.000	ng	-0.01
86) Perylene-d12	24.380	264	987965	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1955505	128.455	ng	-0.02
7) Phenol-d6	6.934	99	2349152	122.776	ng	-0.02
23) Nitrobenzene-d5	8.904	82	1428667	75.376	ng	-0.02
42) 2,4,6-Tribromophenol	15.892	330	1127339	127.085	ng	-0.01
45) 2-Fluorobiphenyl	13.010	172	3828157	75.487	ng	-0.02
79) Terphenyl-d14	19.768	244	5570275	89.934	ng	-0.01
Target Compounds						Qvalue

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

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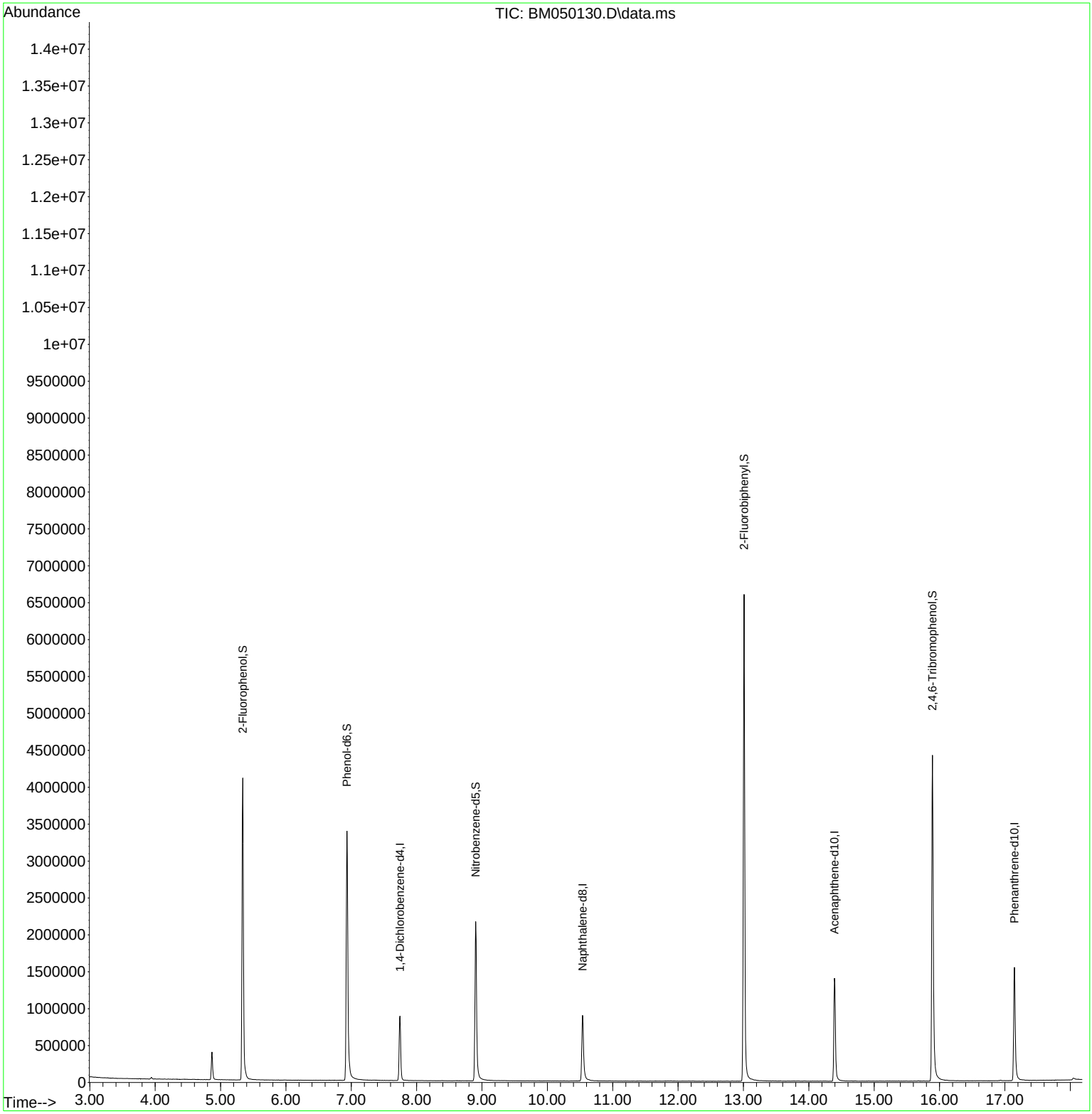

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
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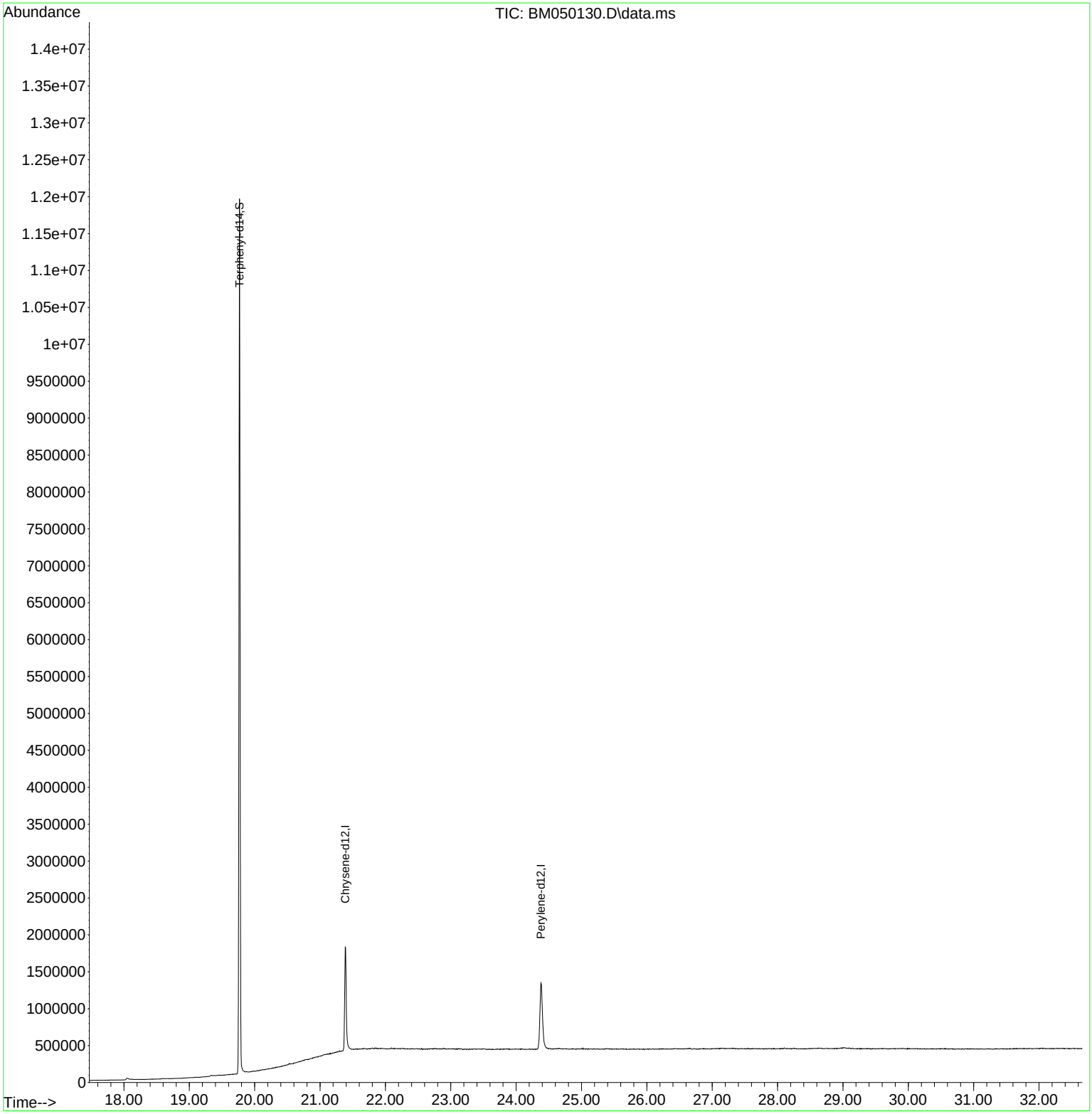
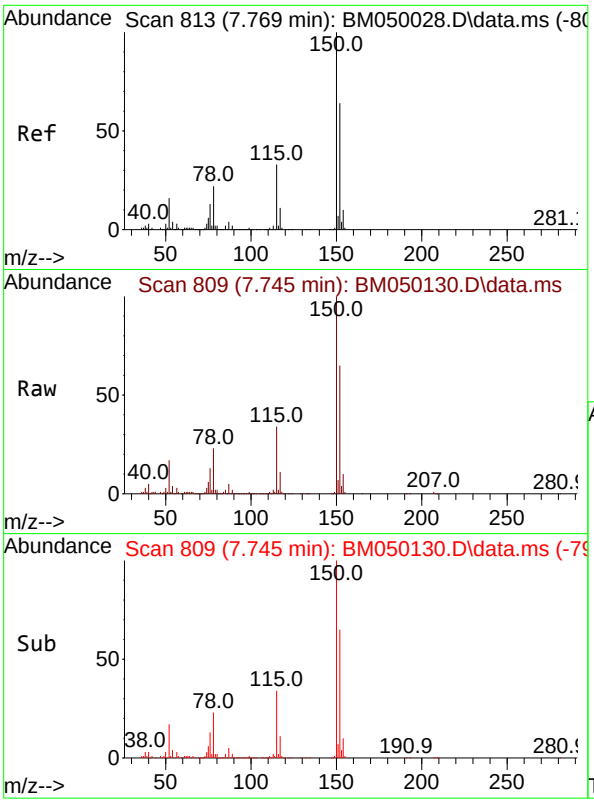


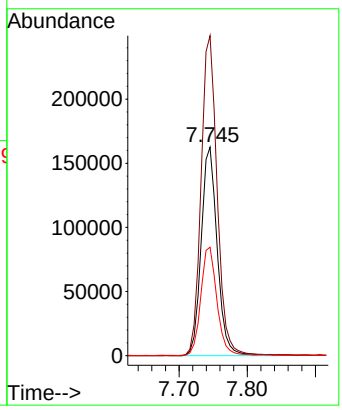


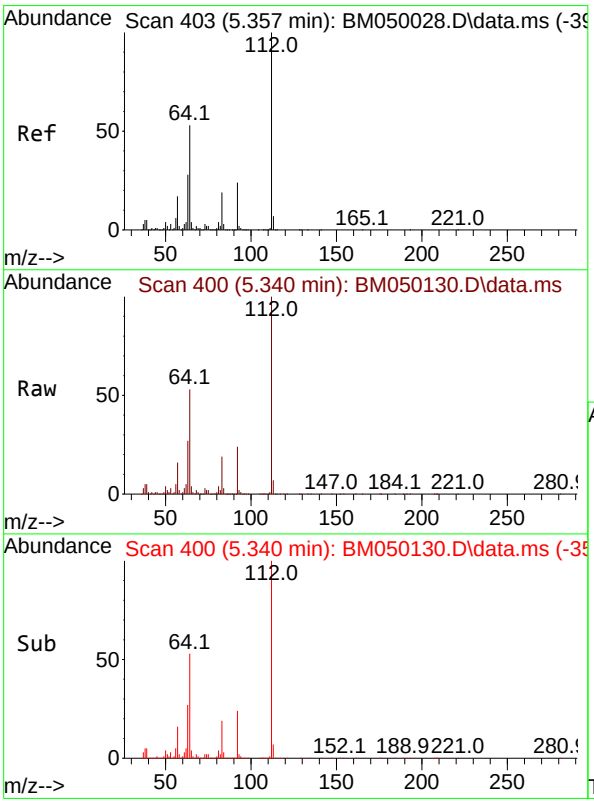
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.745 min Scan# 80
Delta R.T. -0.024 min
Lab File: BM050130.D
Acq: 07 May 2025 10:35

Instrument :
BNA_M
ClientSampleId :
PB167879BL

Tgt Ion:152 Resp: 266570

Ion	Ratio	Lower	Upper
152	100		
150	153.5	124.1	186.1
115	52.0	41.2	61.8

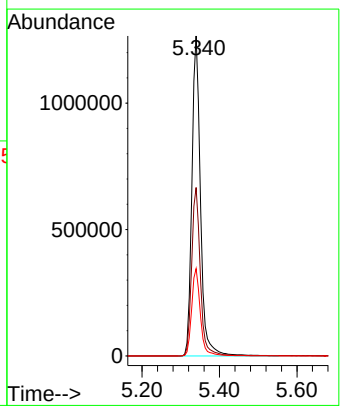


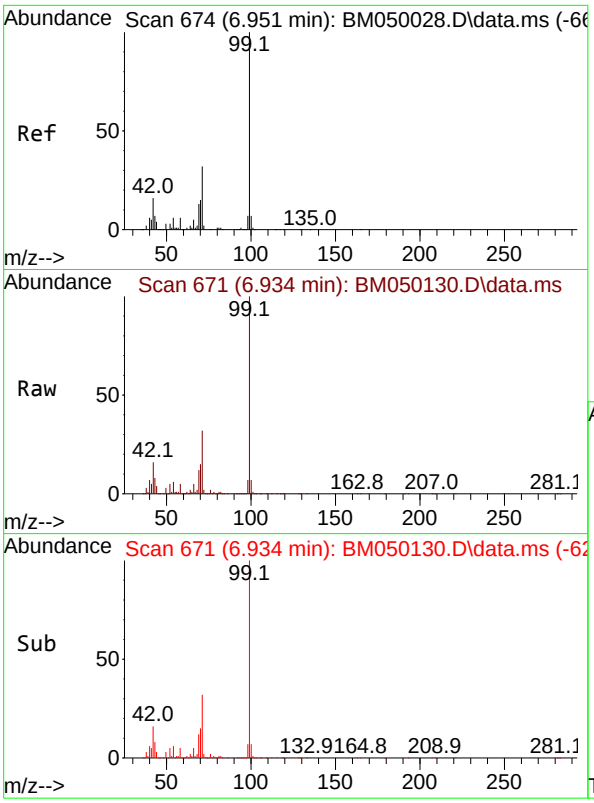


#5
2-Fluorophenol
Concen: 128.455 ng
RT: 5.340 min Scan# 400
Delta R.T. -0.018 min
Lab File: BM050130.D
Acq: 07 May 2025 10:35

Tgt Ion:112 Resp: 1955505

Ion	Ratio	Lower	Upper
112	100		
64	52.7	42.6	64.0
63	27.3	22.2	33.4



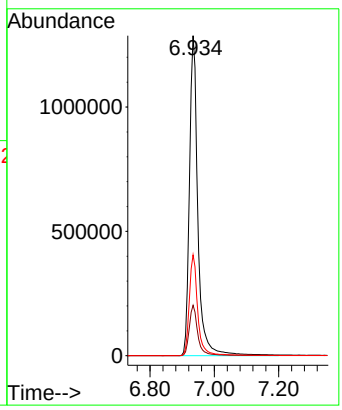


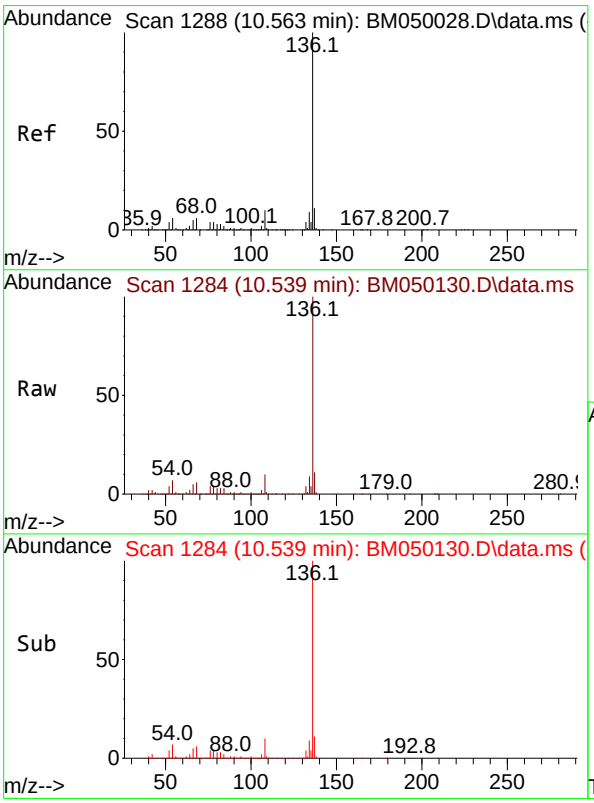
#7
Phenol-d6
Concen: 122.776 ng
RT: 6.934 min Scan# 6
Delta R.T. -0.018 min
Lab File: BM050130.D
Acq: 07 May 2025 10:35

Instrument :
BNA_M
ClientSampleId :
PB167879BL

Tgt Ion: 99 Resp: 2349152

Ion	Ratio	Lower	Upper
99	100		
42	15.8	13.0	19.4
71	31.5	25.6	38.4

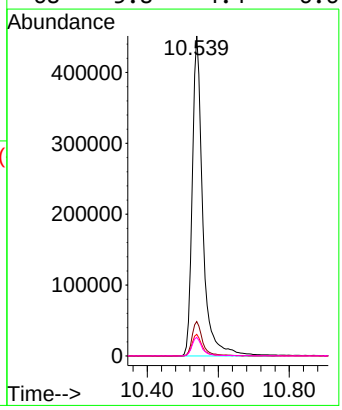


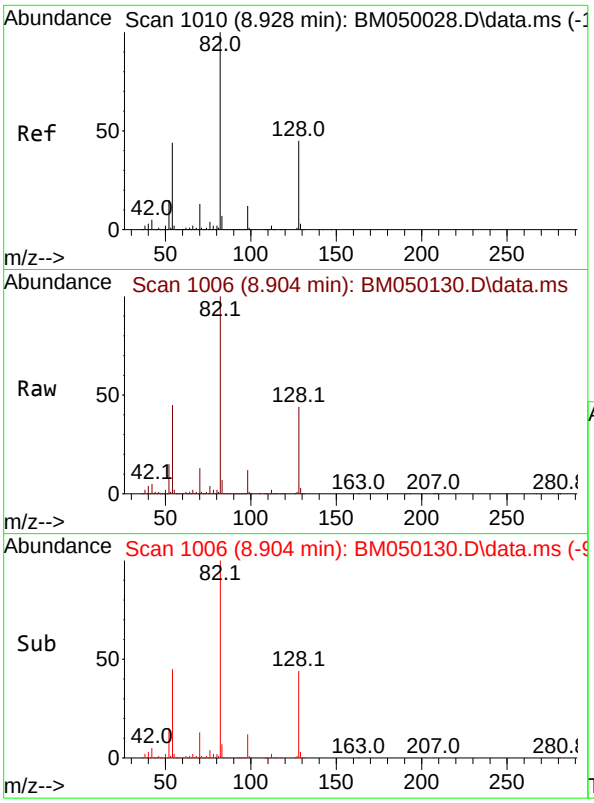


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.539 min Scan# 1284
Delta R.T. -0.024 min
Lab File: BM050130.D
Acq: 07 May 2025 10:35

Tgt Ion:136 Resp: 933974

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	6.8	5.1	7.7
68	5.8	4.4	6.6



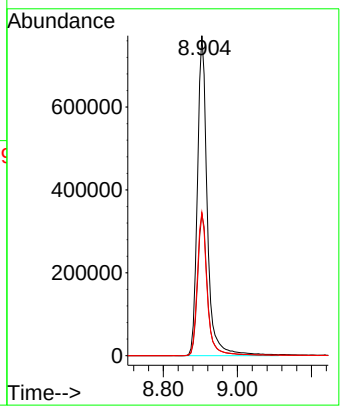


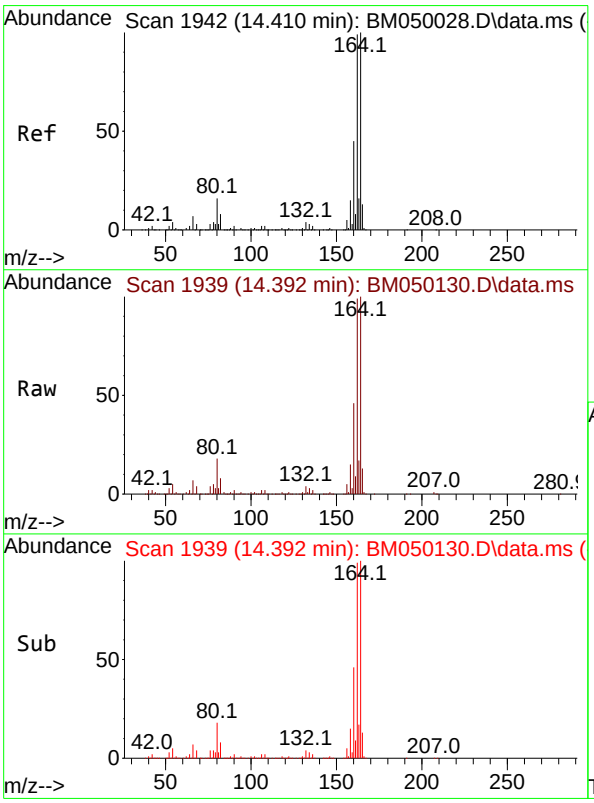
#23
Nitrobenzene-d5
Concen: 75.376 ng
RT: 8.904 min Scan# 1(
Delta R.T. -0.024 min
Lab File: BM050130.D
Acq: 07 May 2025 10:35

Instrument :
BNA_M
ClientSampleId :
PB167879BL

Tgt Ion: 82 Resp: 1428667

Ion	Ratio	Lower	Upper
82	100		
128	44.3	35.7	53.5
54	44.7	35.4	53.2

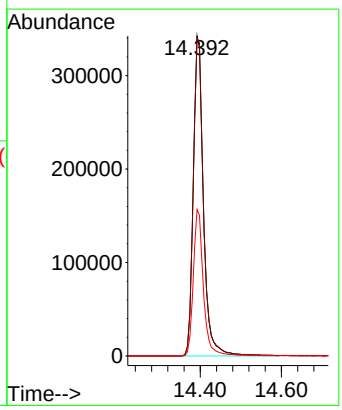


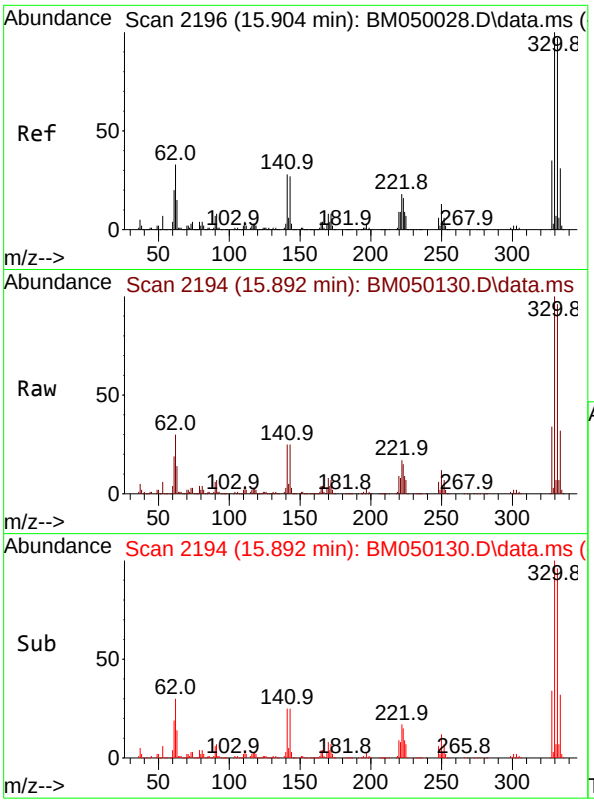


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1939
Delta R.T. -0.018 min
Lab File: BM050130.D
Acq: 07 May 2025 10:35

Tgt Ion:164 Resp: 599928

Ion	Ratio	Lower	Upper
164	100		
162	99.5	79.4	119.0
160	45.7	36.2	54.4



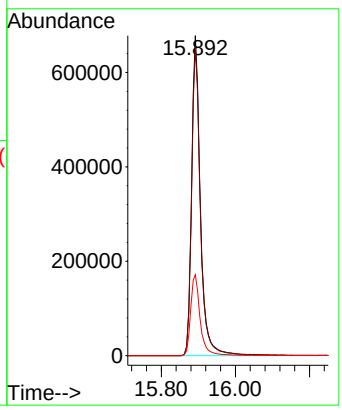


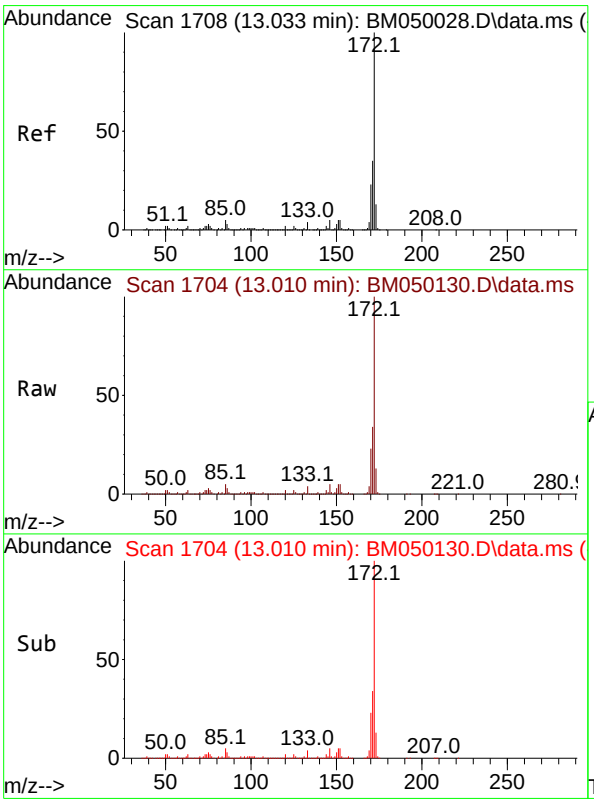
#42
2,4,6-Tribromophenol
Concen: 127.085 ng
RT: 15.892 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM050130.D
Acq: 07 May 2025 10:35

Instrument :
BNA_M
ClientSampleId :
PB167879BL

Tgt Ion:330 Resp: 1127339

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.3	115.9
141	27.3	22.5	33.7

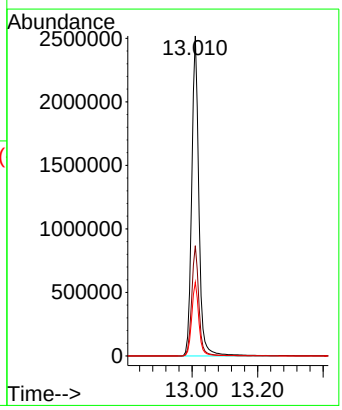


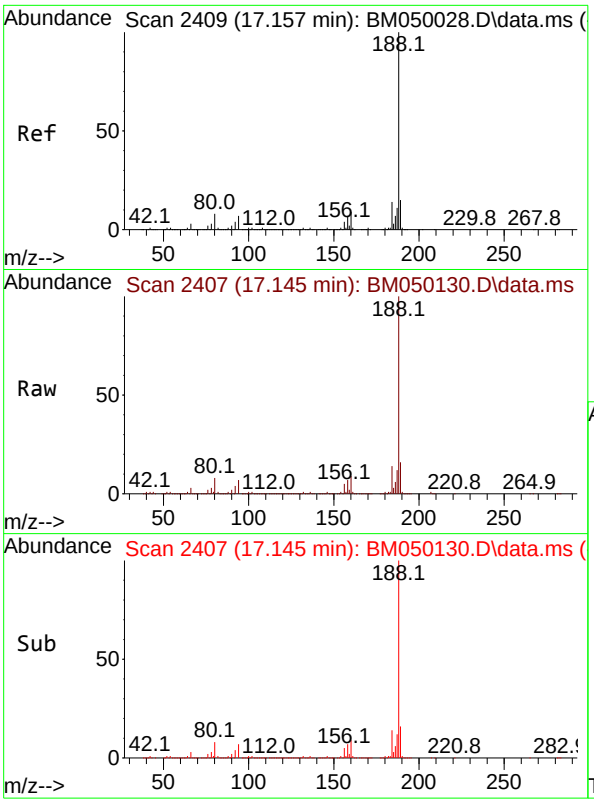


#45
2-Fluorobiphenyl
Concen: 75.487 ng
RT: 13.010 min Scan# 1704
Delta R.T. -0.024 min
Lab File: BM050130.D
Acq: 07 May 2025 10:35

Tgt Ion:172 Resp: 3828157

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



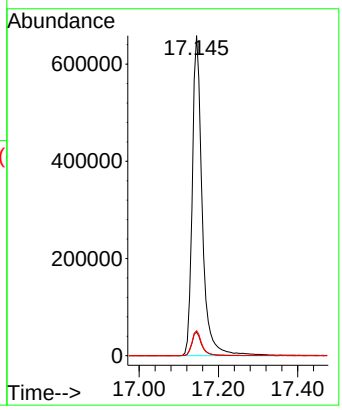


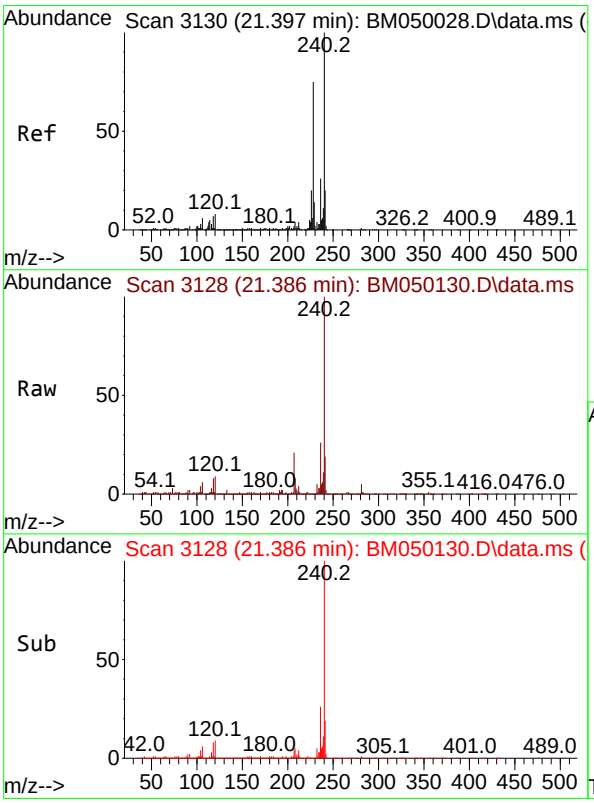
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 24
Delta R.T. -0.012 min
Lab File: BM050130.D
Acq: 07 May 2025 10:35

Instrument :
BNA_M
ClientSampleId :
PB167879BL

Tgt Ion:188 Resp: 1149458

Ion	Ratio	Lower	Upper
188	100		
94	7.4	5.7	8.5
80	7.8	6.2	9.4

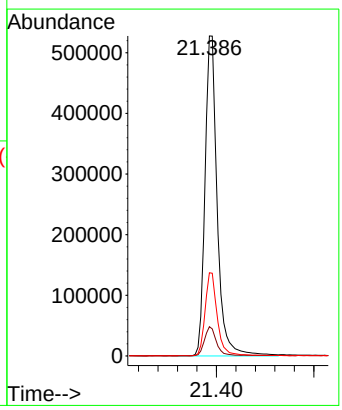


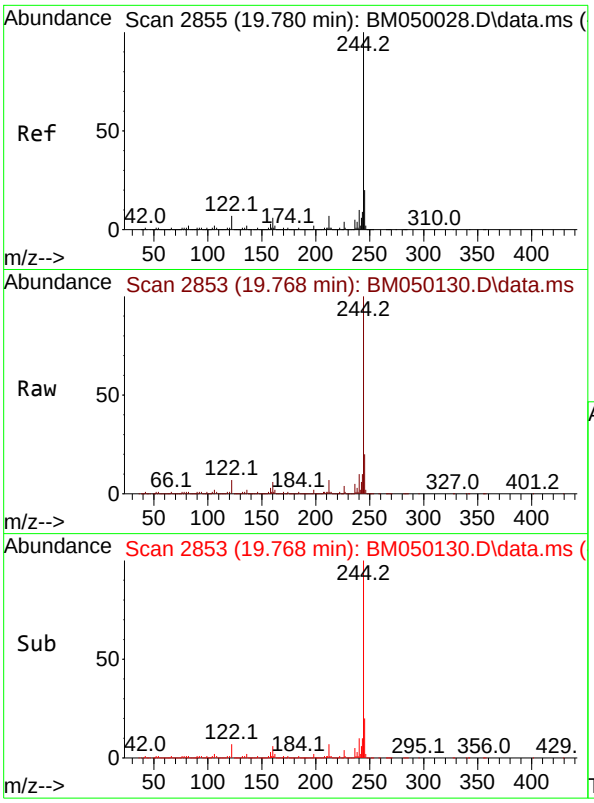


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 3128
Delta R.T. -0.011 min
Lab File: BM050130.D
Acq: 07 May 2025 10:35

Tgt Ion:240 Resp: 916515

Ion	Ratio	Lower	Upper
240	100		
120	9.1	6.5	9.7
236	26.0	20.9	31.3



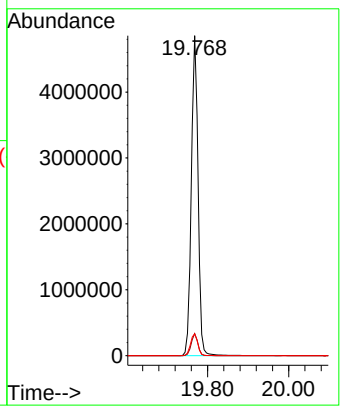


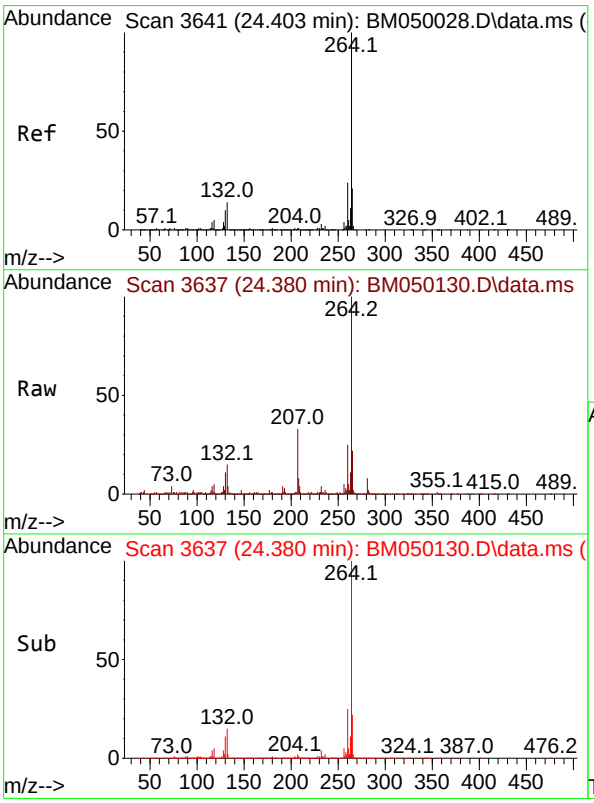
#79
Terphenyl-d14
Concen: 89.934 ng
RT: 19.768 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050130.D
Acq: 07 May 2025 10:35

Instrument :
BNA_M
ClientSampleId :
PB167879BL

Tgt Ion:244 Resp: 5570275

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





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.380 min Scan# 3637
Delta R.T. -0.024 min
Lab File: BM050130.D
Acq: 07 May 2025 10:35

Tgt Ion:264 Resp: 987965

Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.8	28.2
265	22.4	17.0	25.4