Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041025\
Data File : BM049882.D
Acq On : 10 Apr 2025 13:31
Operator : RC/JU
Sample : Q1752-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-4

Quant Time: Apr 10 14:14:00 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	7.775	152	271450	20.000	ng	0.00
21) Naphthalene-d8	10.569	136	937049	20.000	ng	0.00
39) Acenaphthene-d10	14.416	164	617836	20.000	ng	0.00
64) Phenanthrene-d10	17.162	188	1273307	20.000	ng	0.00
76) Chrysene-d12	21.392	240	1263794	20.000	ng	-0.01
86) Perylene-d12	24.391	264	1367755	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	1868792	116.904	ng	0.00
7) Phenol-d6	6.951	99	2318584	116.575	ng	0.00
23) Nitrobenzene-d5	8.928	82	1344960	79.926	ng	0.00
42) 2,4,6-Tribromophenol	15.910	330	1132487	126.019	ng	0.00
45) 2-Fluorobiphenyl	13.039	172	3246020	71.243	ng	0.00
79) Terphenyl-d14	19.786	244	5171186	76.682	ng	0.00
Target Compounds						Qvalue

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

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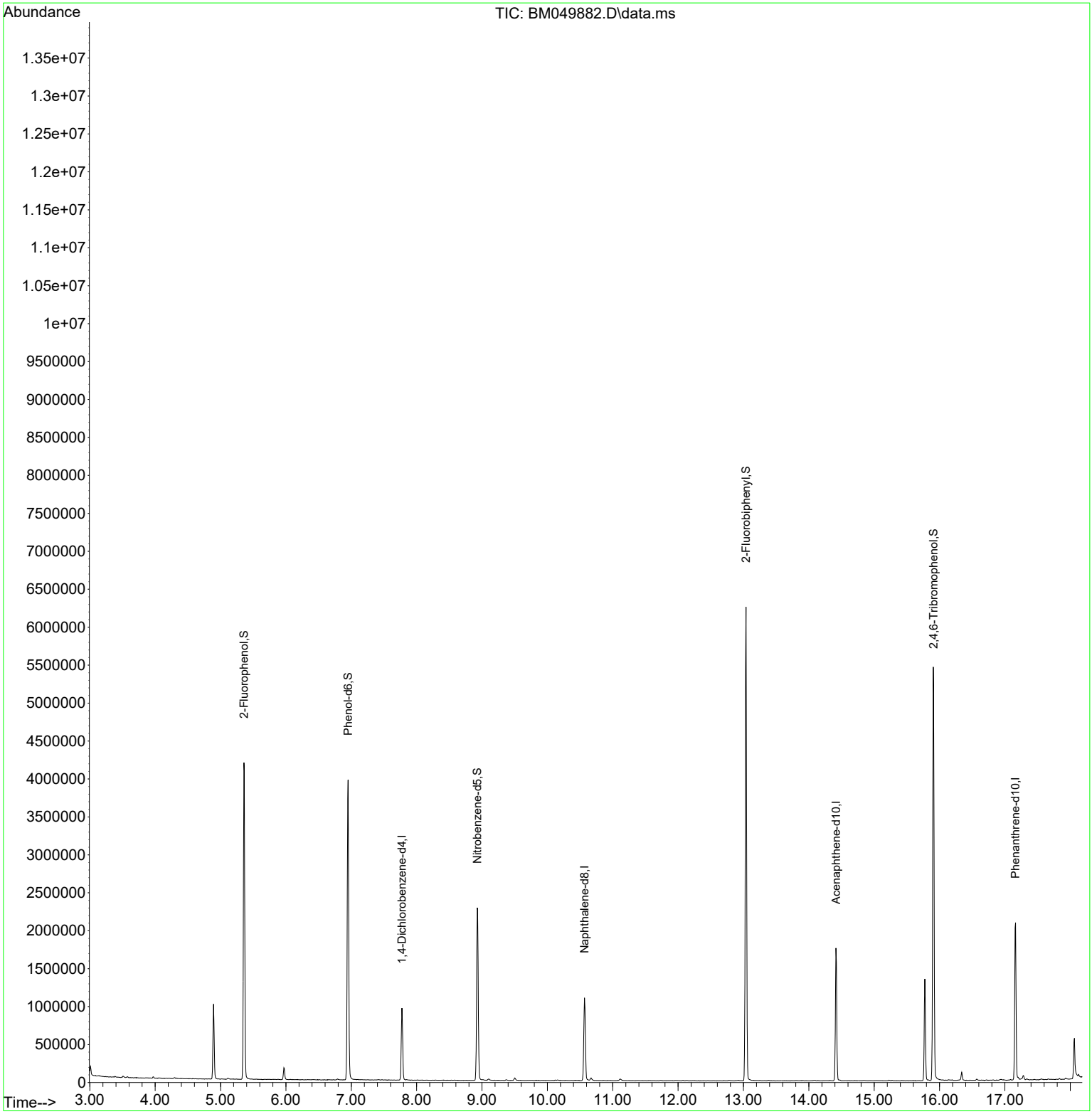

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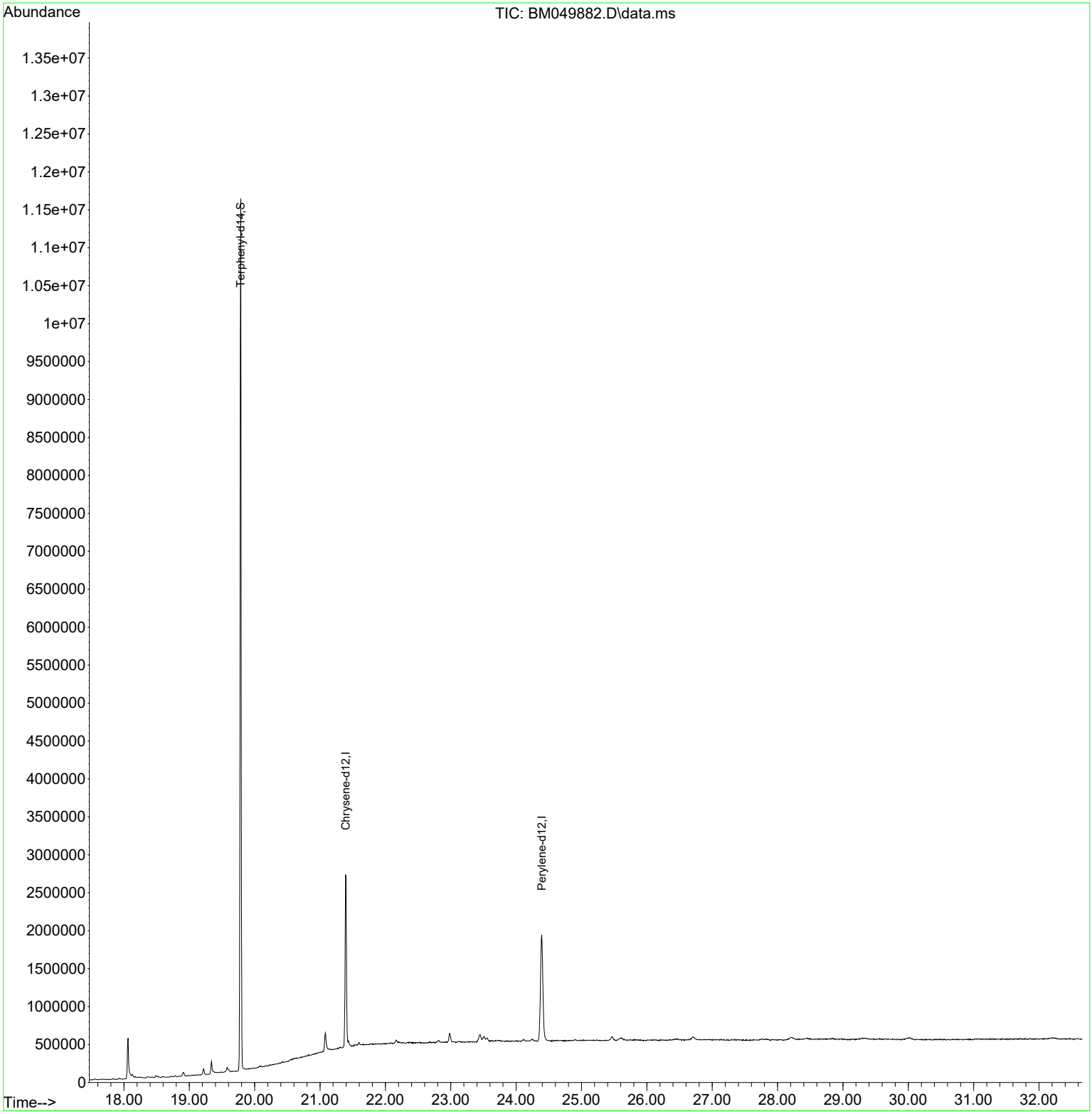
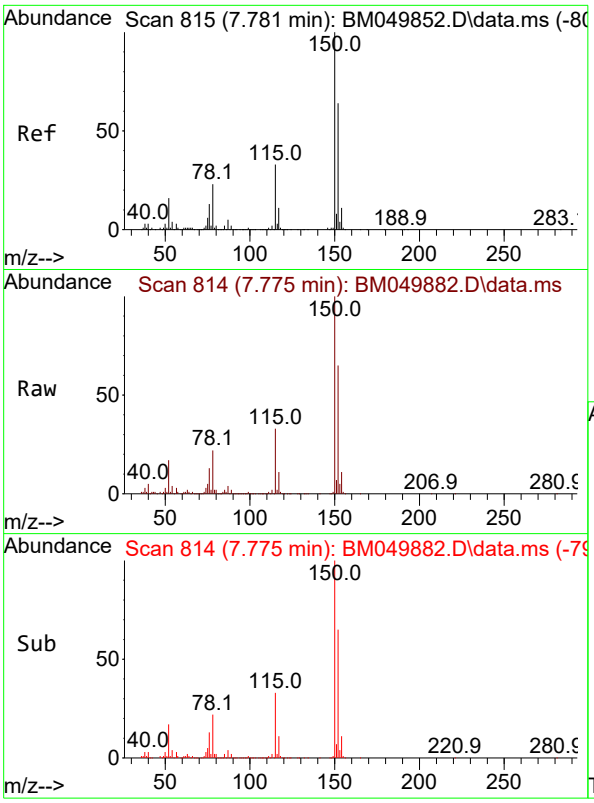


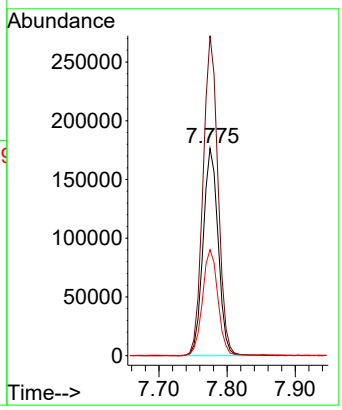


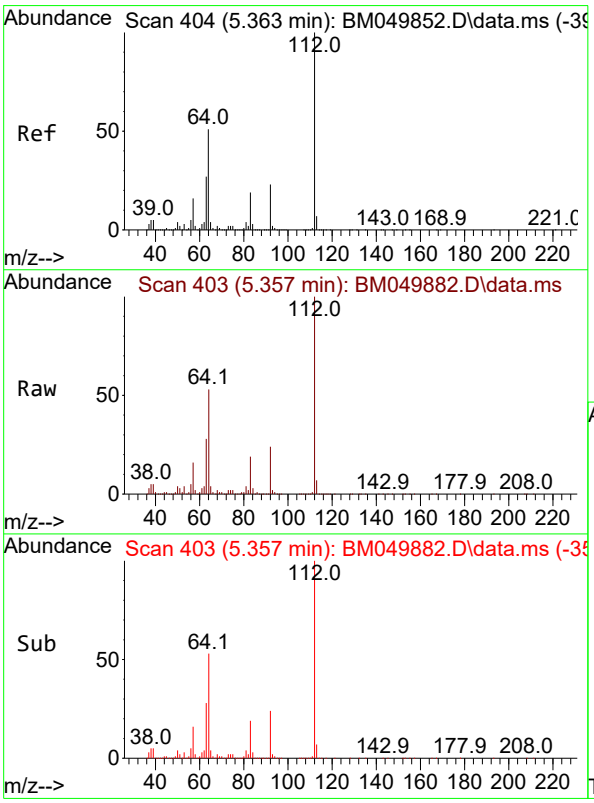
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.775 min Scan# 8
Delta R.T. -0.006 min
Lab File: BM049882.D
Acq: 10 Apr 2025 13:31

Instrument :
BNA_M
ClientSampleId :
TP-4

Tgt Ion:152 Resp: 271450

Ion	Ratio	Lower	Upper
152	100		
150	154.3	124.3	186.5
115	51.1	41.1	61.7

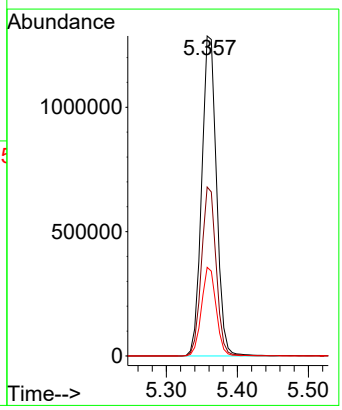


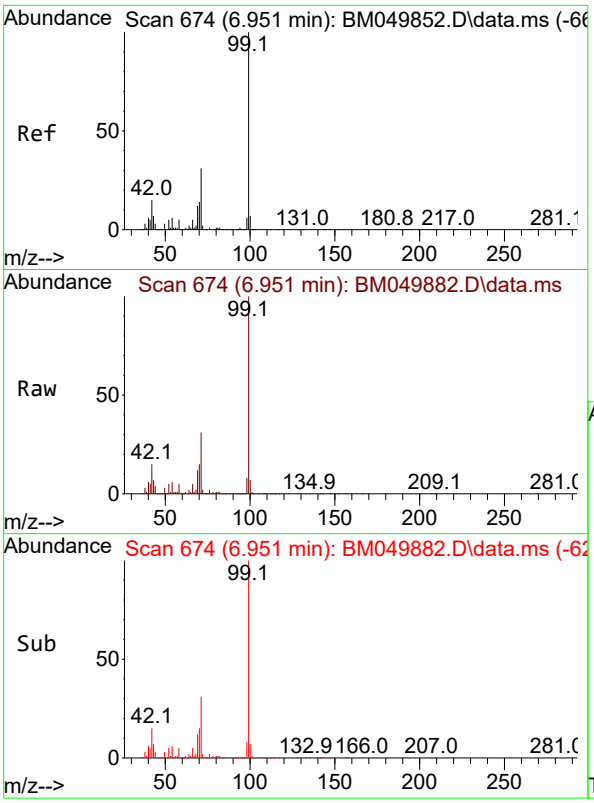


#5
2-Fluorophenol
Concen: 116.904 ng
RT: 5.357 min Scan# 403
Delta R.T. -0.006 min
Lab File: BM049882.D
Acq: 10 Apr 2025 13:31

Tgt Ion:112 Resp: 1868792

Ion	Ratio	Lower	Upper
112	100		
64	52.8	41.0	61.6
63	27.7	21.5	32.3



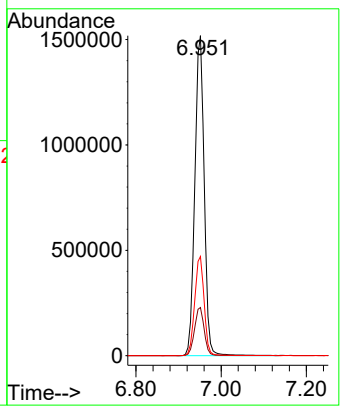


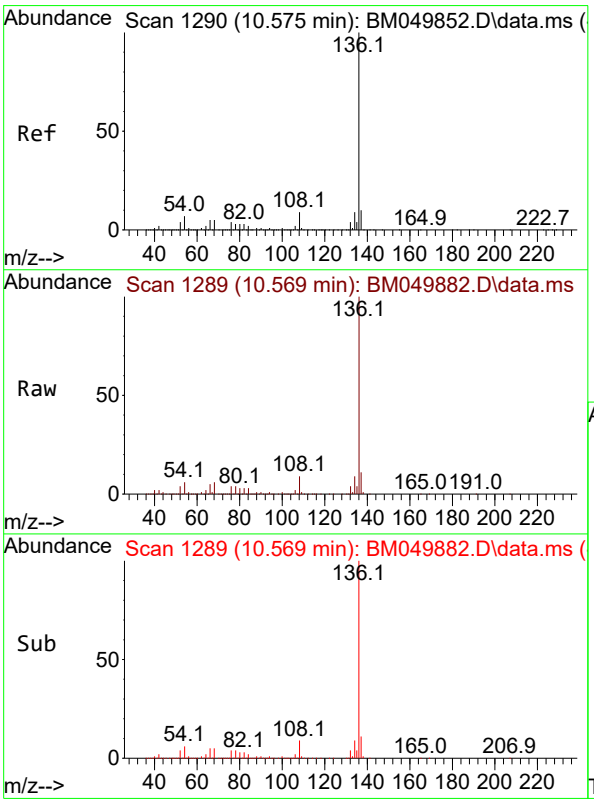
#7
Phenol-d6
Concen: 116.575 ng
RT: 6.951 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM049882.D
Acq: 10 Apr 2025 13:31

Instrument :
BNA_M
ClientSampleId :
TP-4

Tgt Ion: 99 Resp: 2318584

Ion	Ratio	Lower	Upper
99	100		
42	15.0	12.1	18.1
71	31.0	24.9	37.3

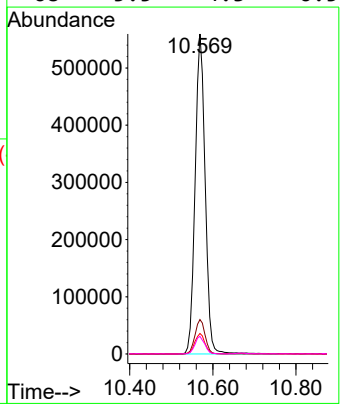


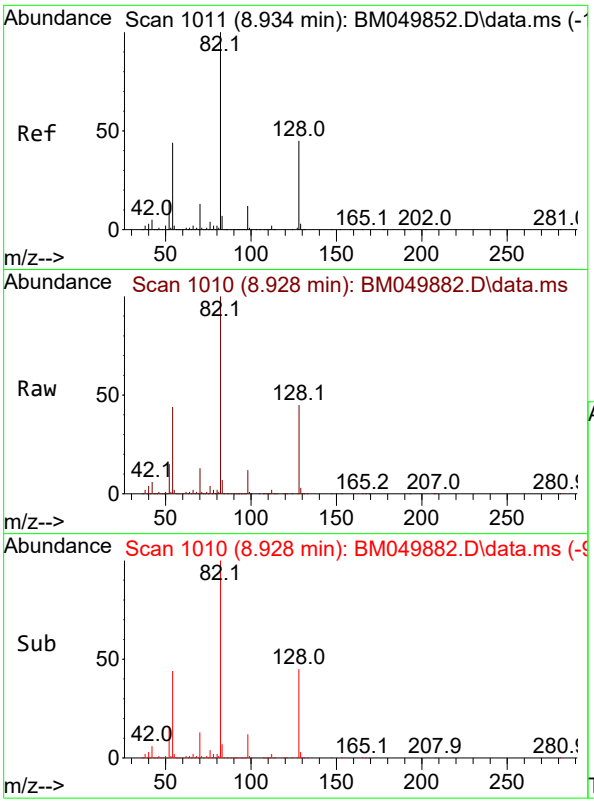


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.569 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BM049882.D
Acq: 10 Apr 2025 13:31

Tgt Ion:136 Resp: 937049

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.4	12.6
54	6.4	5.3	7.9
68	5.5	4.3	6.5



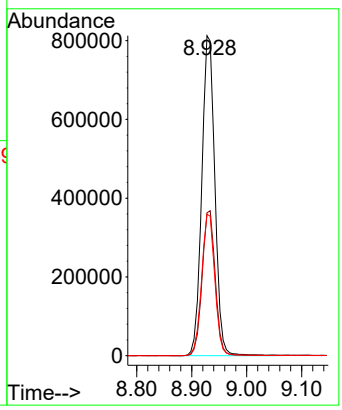


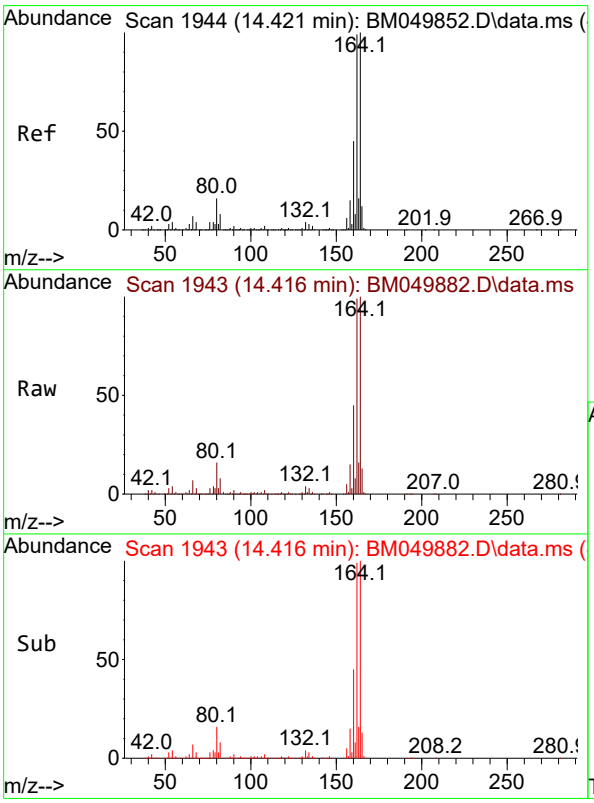
#23
Nitrobenzene-d5
Concen: 79.926 ng
RT: 8.928 min Scan# 1(
Delta R.T. -0.006 min
Lab File: BM049882.D
Acq: 10 Apr 2025 13:31

Instrument :
BNA_M
ClientSampleId :
TP-4

Tgt Ion: 82 Resp: 1344960

Ion	Ratio	Lower	Upper
82	100		
128	44.7	36.2	54.2
54	44.2	35.0	52.6

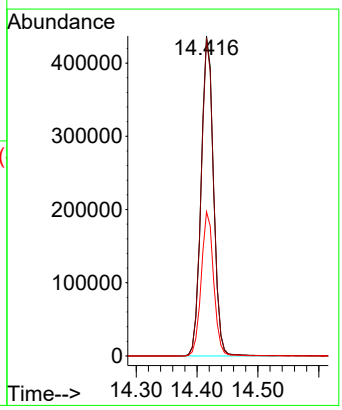


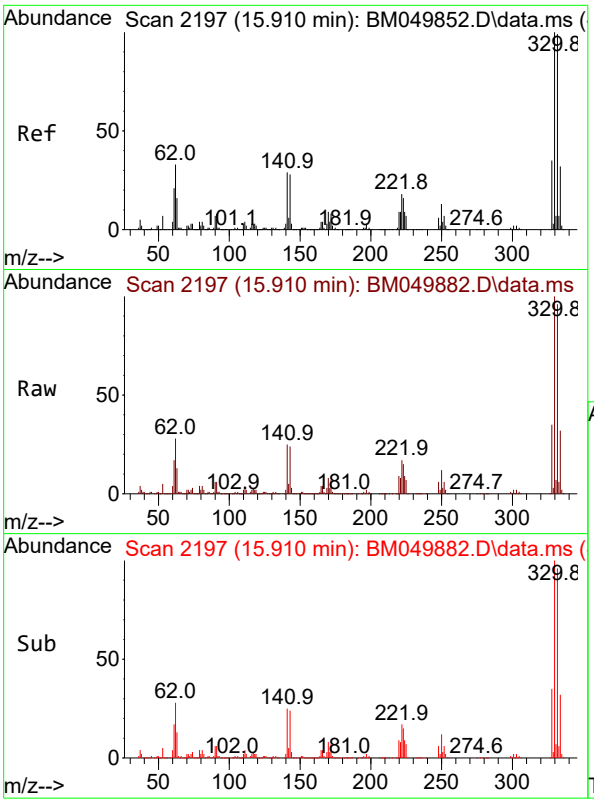


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.416 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BM049882.D
Acq: 10 Apr 2025 13:31

Tgt Ion:164 Resp: 617836

Ion	Ratio	Lower	Upper
164	100		
162	99.3	79.4	119.0
160	45.0	36.2	54.2



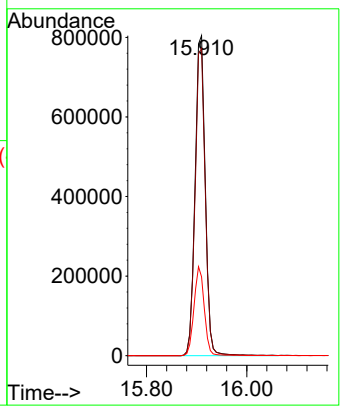


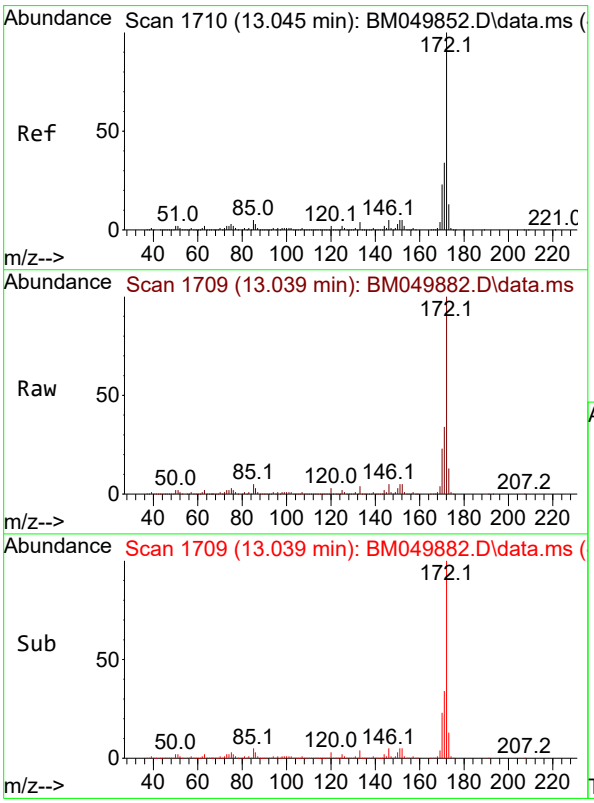
#42
2,4,6-Tribromophenol
Concen: 126.019 ng
RT: 15.910 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM049882.D
Acq: 10 Apr 2025 13:31

Instrument :
BNA_M
ClientSampleId :
TP-4

Tgt Ion:330 Resp: 1132487

Ion	Ratio	Lower	Upper
330	100		
332	96.0	78.0	117.0
141	28.1	23.5	35.3

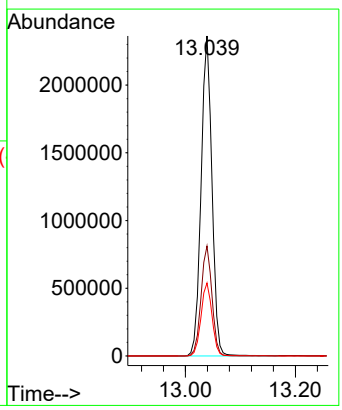


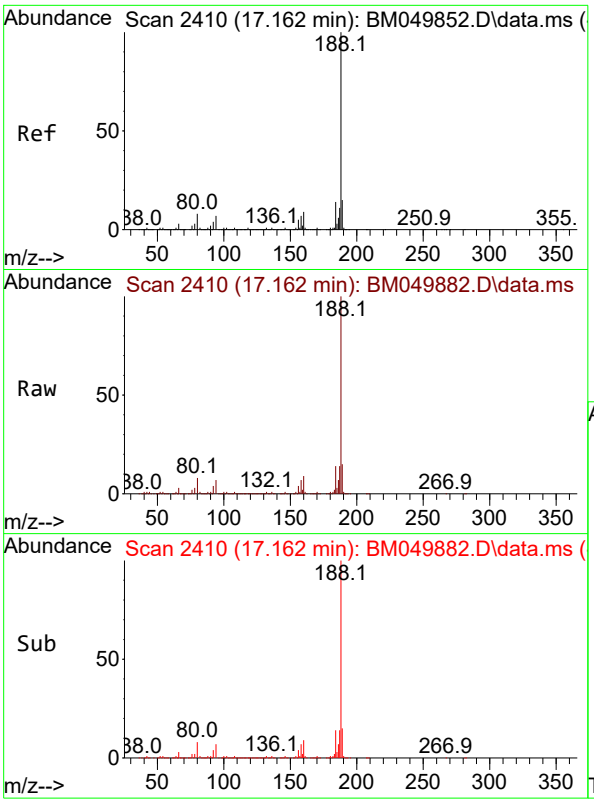


#45
2-Fluorobiphenyl
Concen: 71.243 ng
RT: 13.039 min Scan# 1709
Delta R.T. -0.006 min
Lab File: BM049882.D
Acq: 10 Apr 2025 13:31

Tgt Ion:172 Resp: 3246020

Ion	Ratio	Lower	Upper
172	100		
171	34.4	27.4	41.2
170	22.8	18.6	28.0



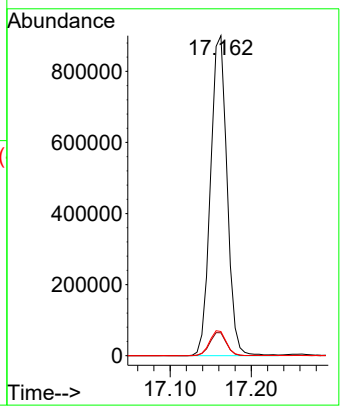


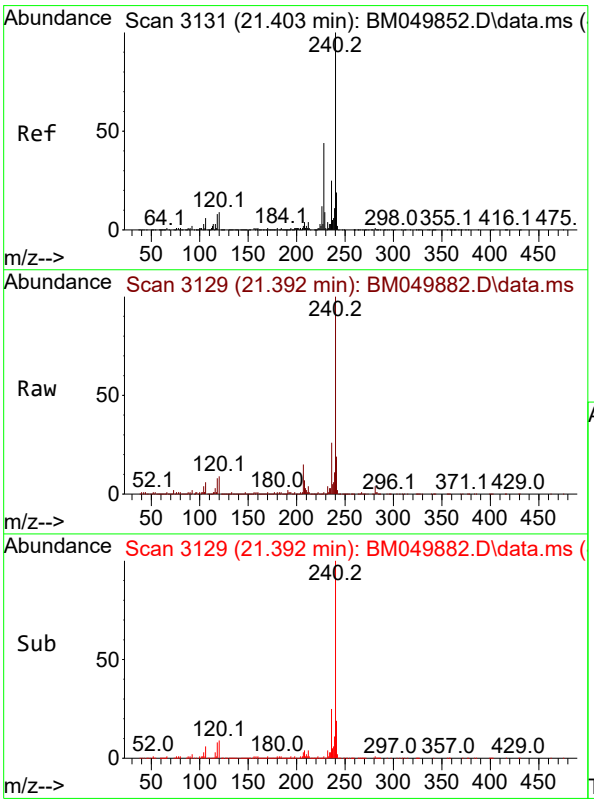
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.162 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM049882.D
Acq: 10 Apr 2025 13:31

Instrument :
BNA_M
ClientSampleId :
TP-4

Tgt Ion:188 Resp: 1273307

Ion	Ratio	Lower	Upper
188	100		
94	7.1	5.8	8.6
80	7.6	6.4	9.6

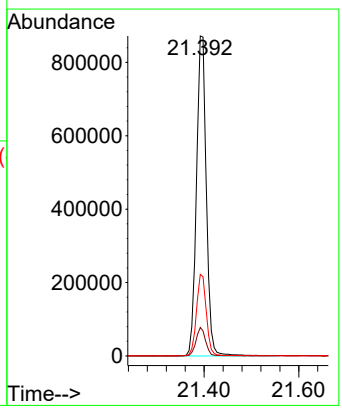


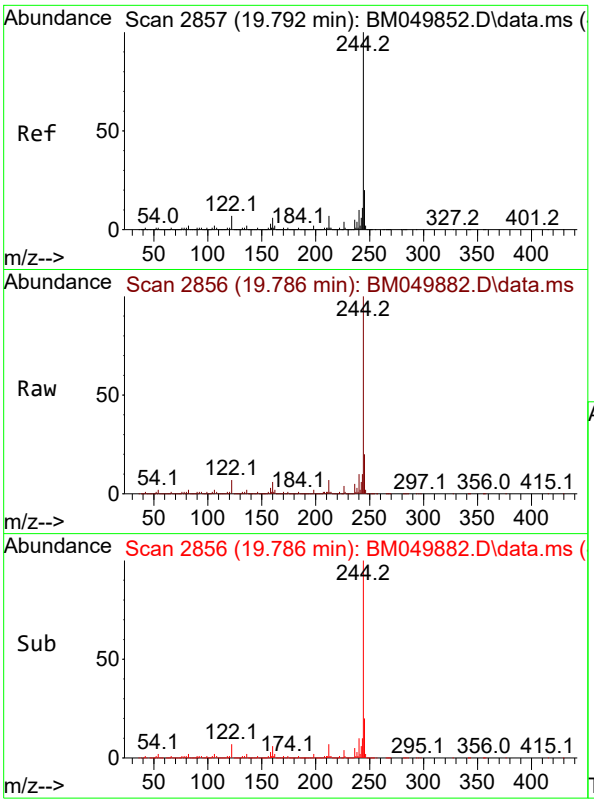


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.392 min Scan# 3129
Delta R.T. -0.012 min
Lab File: BM049882.D
Acq: 10 Apr 2025 13:31

Tgt Ion:240 Resp: 1263794

Ion	Ratio	Lower	Upper
240	100		
120	8.9	6.9	10.3
236	25.5	20.4	30.6



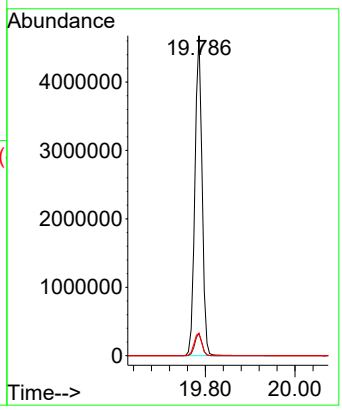


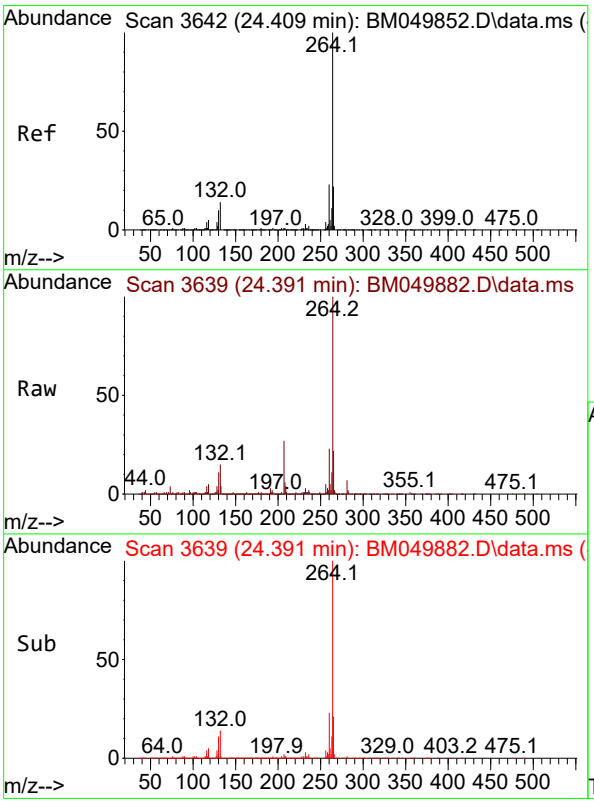
#79
Terphenyl-d14
Concen: 76.682 ng
RT: 19.786 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM049882.D
Acq: 10 Apr 2025 13:31

Instrument :
BNA_M
ClientSampleId :
TP-4

Tgt Ion:244 Resp: 5171186

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.5	8.3
122	7.0	5.4	8.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.391 min Scan# 3639
Delta R.T. -0.018 min
Lab File: BM049882.D
Acq: 10 Apr 2025 13:31

Tgt Ion:264 Resp: 1367755

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.6	28.0
265	22.0	17.8	26.8