Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041425\
Data File : BM049913.D
Acq On : 14 Apr 2025 14:31
Operator : RC/JU
Sample : Q1756-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-9

Quant Time: Apr 14 15:38:41 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	7.769	152	357006	20.000	ng	-0.01
21) Naphthalene-d8	10.563	136	1249576	20.000	ng	-0.01
39) Acenaphthene-d10	14.416	164	816099	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	1638754	20.000	ng	0.00
76) Chrysene-d12	21.392	240	1640964	20.000	ng	-0.01
86) Perylene-d12	24.391	264	1861634	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	2496021	118.722	ng	0.00
7) Phenol-d6	6.951	99	2760227	105.522	ng	0.00
23) Nitrobenzene-d5	8.928	82	1965472	87.588	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	1692514	142.582	ng	0.00
45) 2-Fluorobiphenyl	13.033	172	5094124	84.643	ng	-0.01
79) Terphenyl-d14	19.786	244	8880132	101.415	ng	0.00
Target Compounds						Qvalue

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

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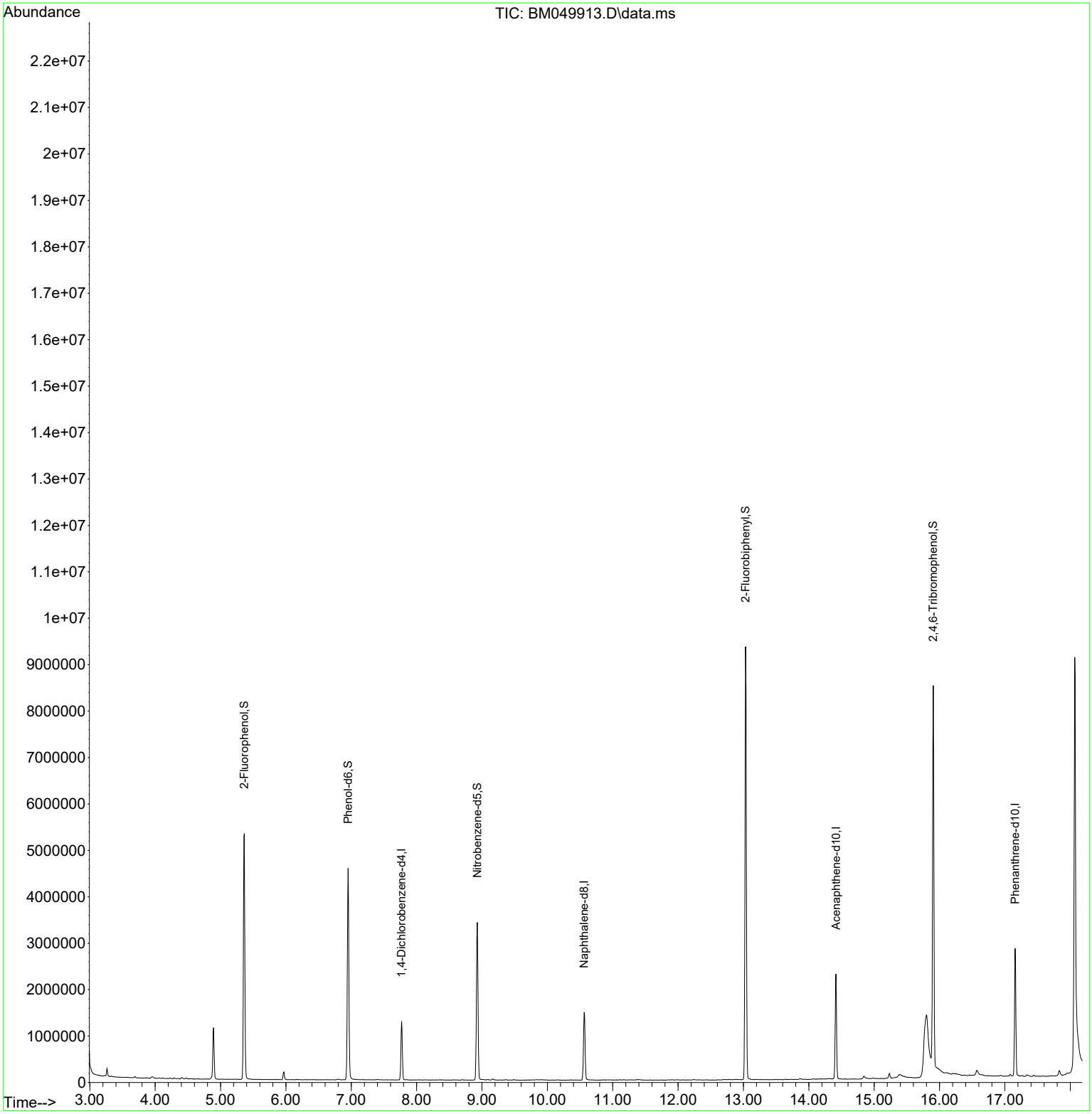

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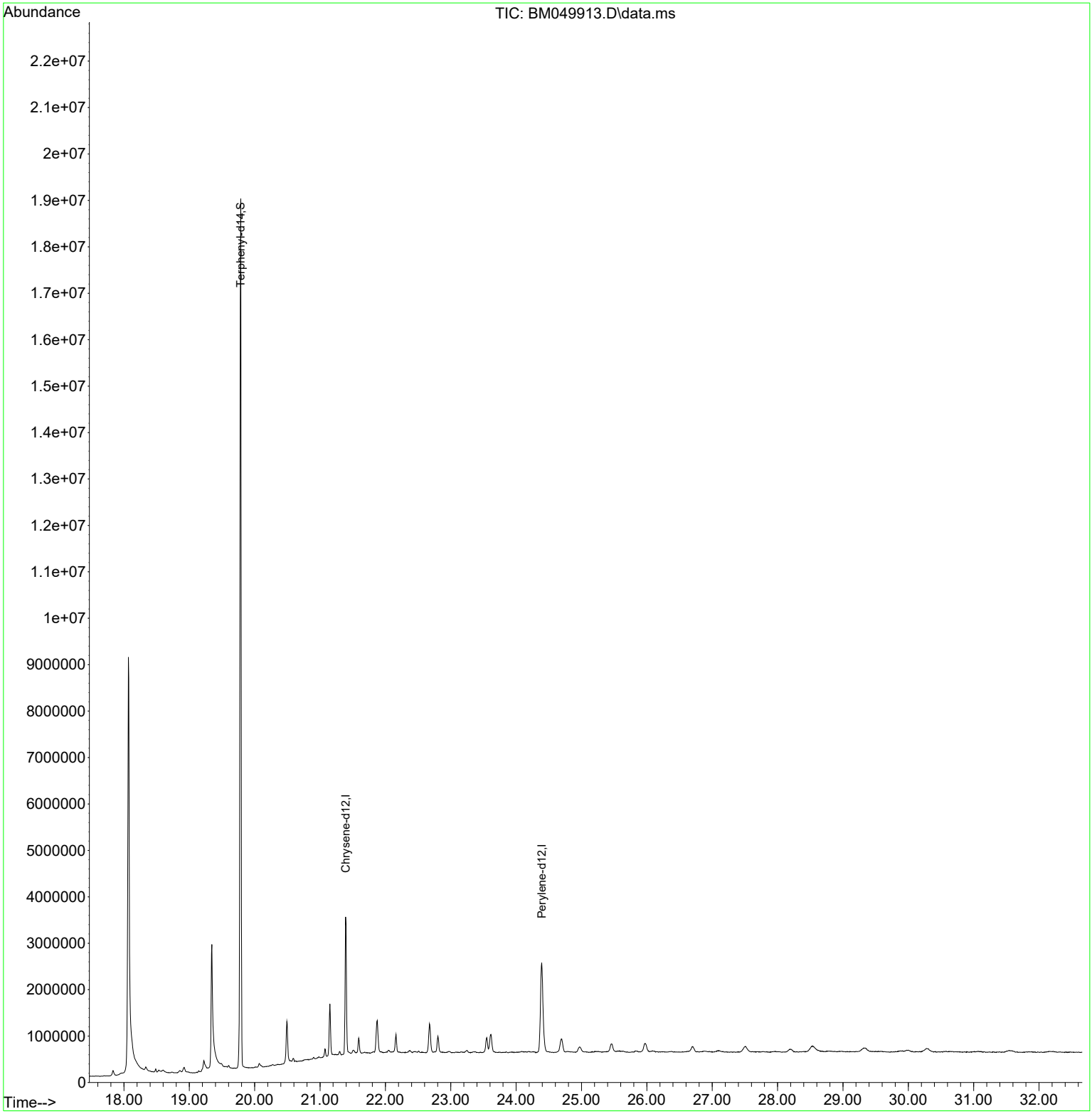
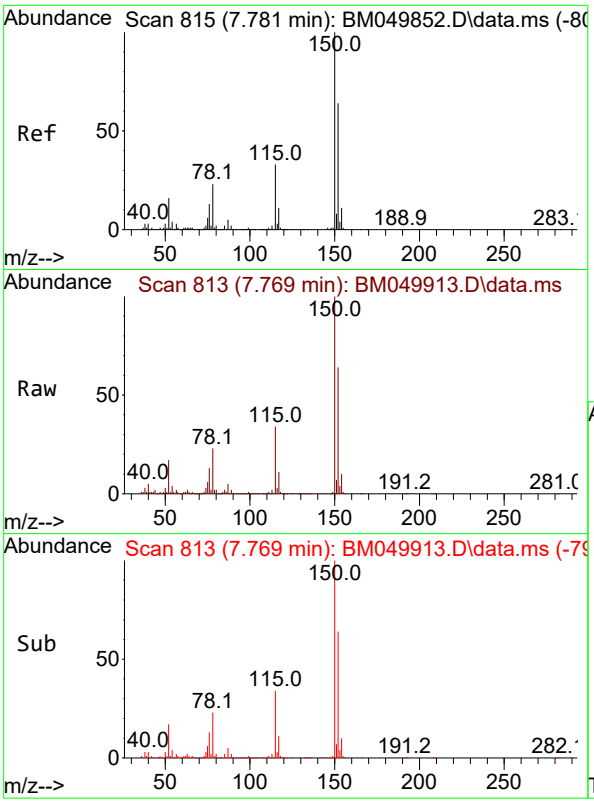


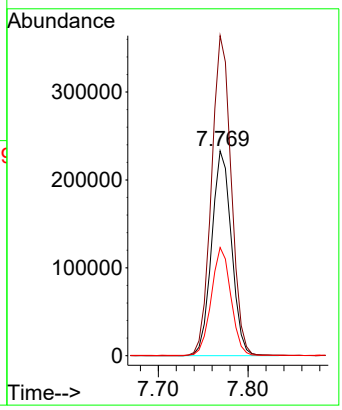


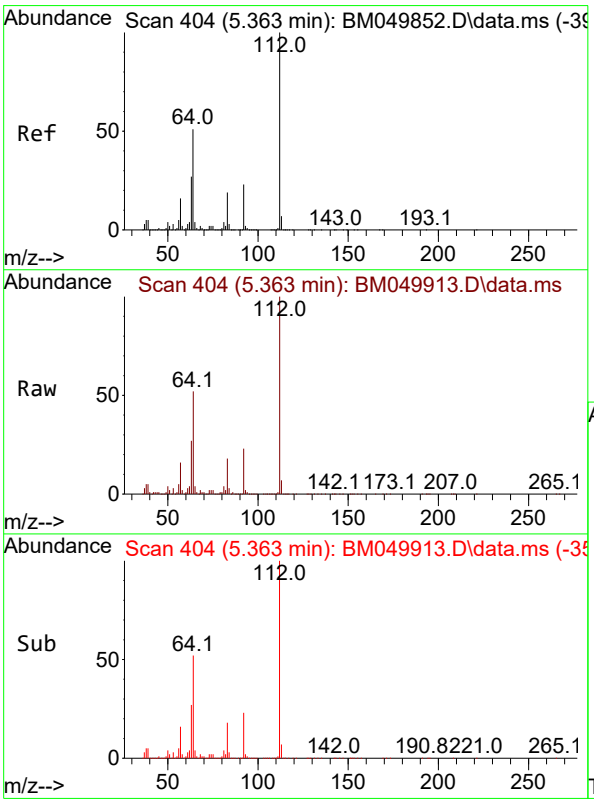
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 8
Delta R.T. -0.012 min
Lab File: BM049913.D
Acq: 14 Apr 2025 14:31

Instrument :
BNA_M
ClientSampleId :
TP-9

Tgt Ion:152 Resp: 357006

Ion	Ratio	Lower	Upper
152	100		
150	156.3	124.3	186.5
115	52.8	41.1	61.7

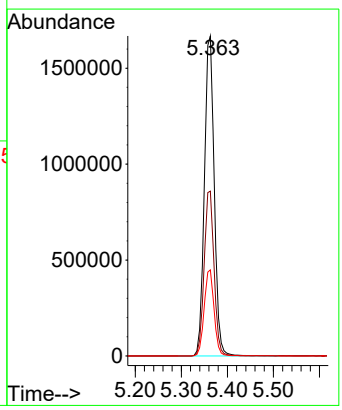


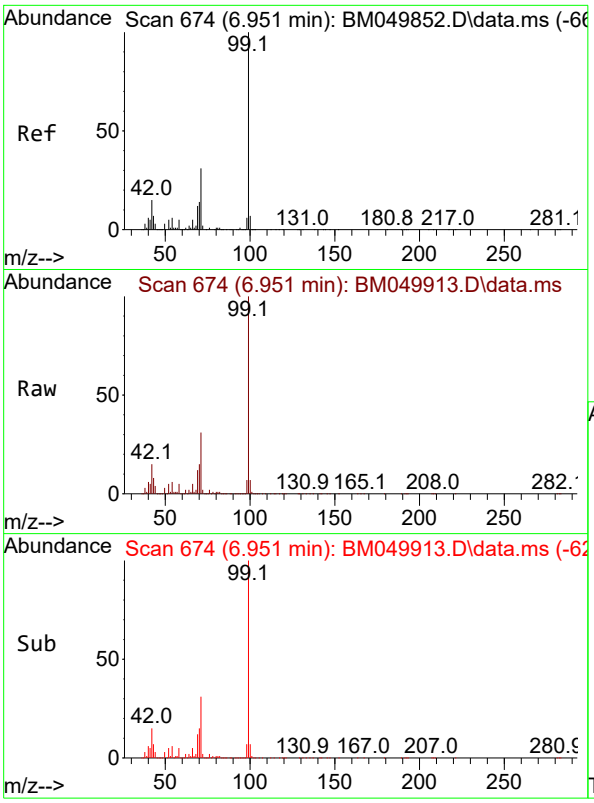


#5
2-Fluorophenol
Concen: 118.722 ng
RT: 5.363 min Scan# 404
Delta R.T. -0.000 min
Lab File: BM049913.D
Acq: 14 Apr 2025 14:31

Tgt Ion:112 Resp: 2496021

Ion	Ratio	Lower	Upper
112	100		
64	51.5	41.0	61.6
63	26.9	21.5	32.3



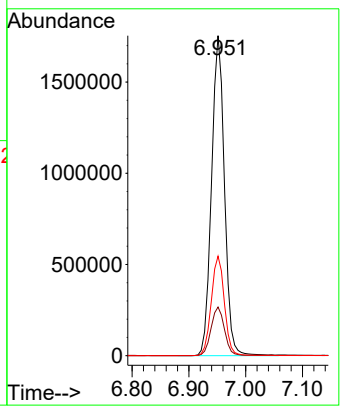


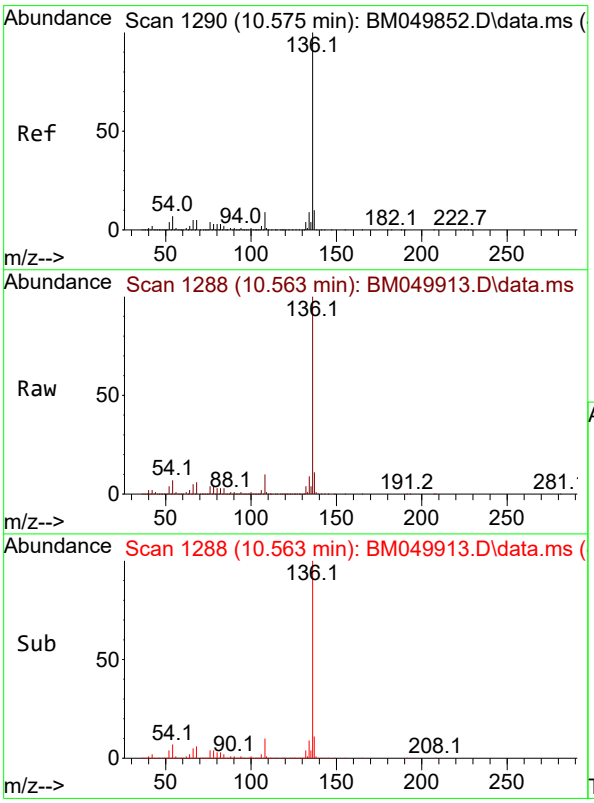
#7
Phenol-d6
Concen: 105.522 ng
RT: 6.951 min Scan# 6
Delta R.T. -0.000 min
Lab File: BM049913.D
Acq: 14 Apr 2025 14:31

Instrument :
BNA_M
ClientSampleId :
TP-9

Tgt Ion: 99 Resp: 2760227

Ion	Ratio	Lower	Upper
99	100		
42	15.2	12.1	18.1
71	31.1	24.9	37.3

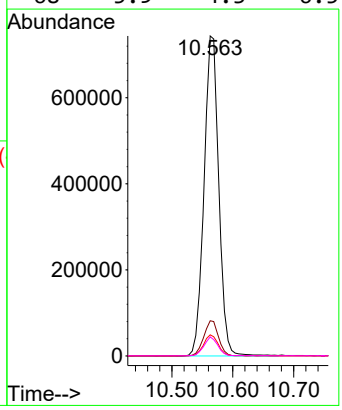


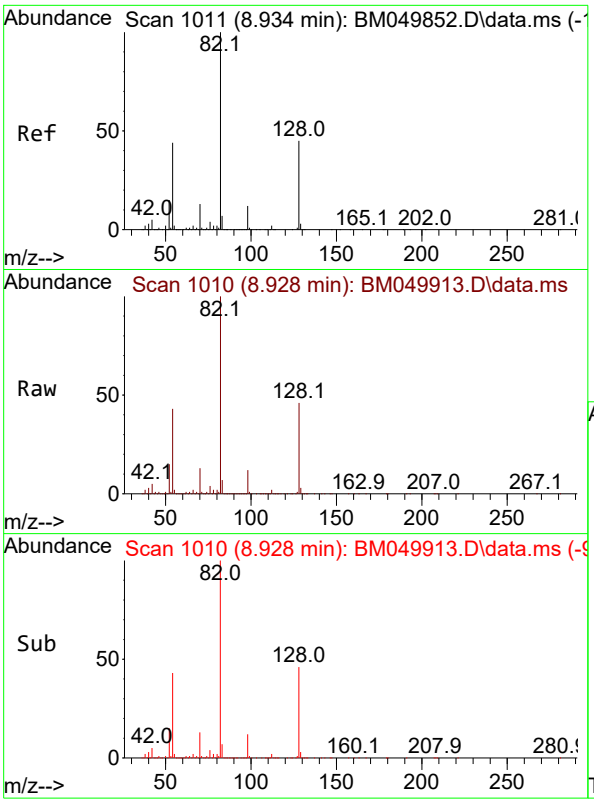


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 1288
Delta R.T. -0.012 min
Lab File: BM049913.D
Acq: 14 Apr 2025 14:31

Tgt Ion:136 Resp: 1249576

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	6.6	5.3	7.9
68	5.9	4.3	6.5



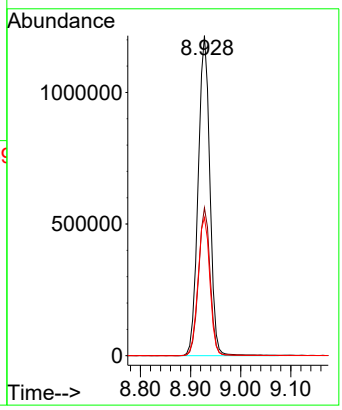


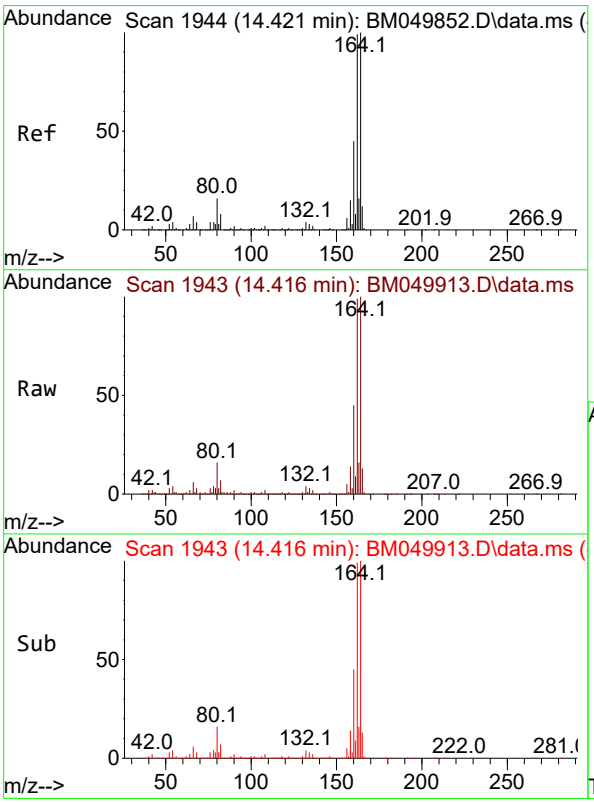
#23
Nitrobenzene-d5
Concen: 87.588 ng
RT: 8.928 min Scan# 1(
Delta R.T. -0.006 min
Lab File: BM049913.D
Acq: 14 Apr 2025 14:31

Instrument :
BNA_M
ClientSampleId :
TP-9

Tgt Ion: 82 Resp: 1965472

Ion	Ratio	Lower	Upper
82	100		
128	46.2	36.2	54.2
54	43.2	35.0	52.6

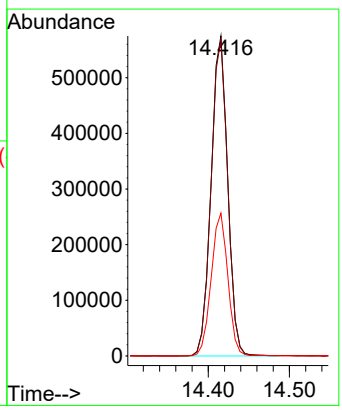


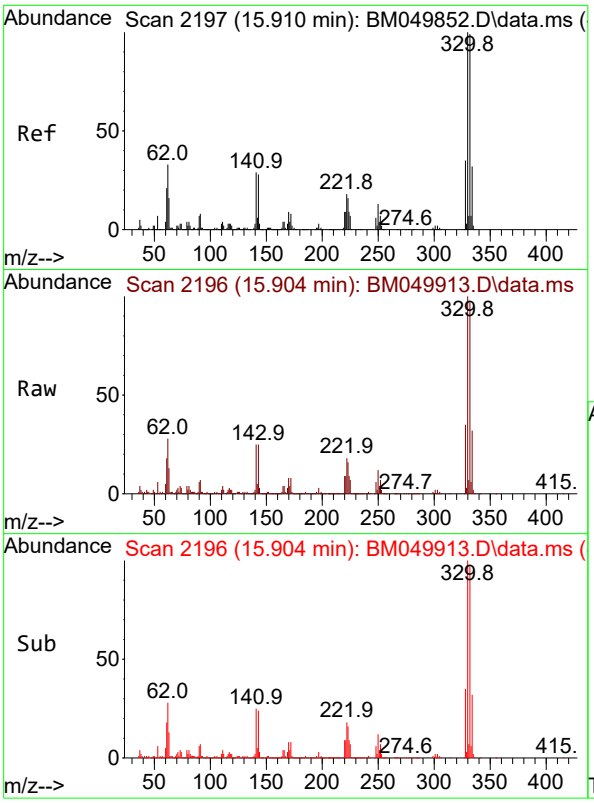


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.416 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BM049913.D
Acq: 14 Apr 2025 14:31

Tgt Ion:164 Resp: 816099

Ion	Ratio	Lower	Upper
164	100		
162	98.9	79.4	119.0
160	44.6	36.2	54.2



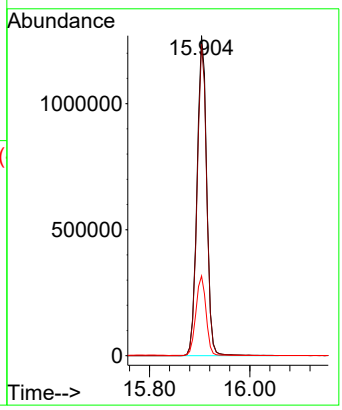


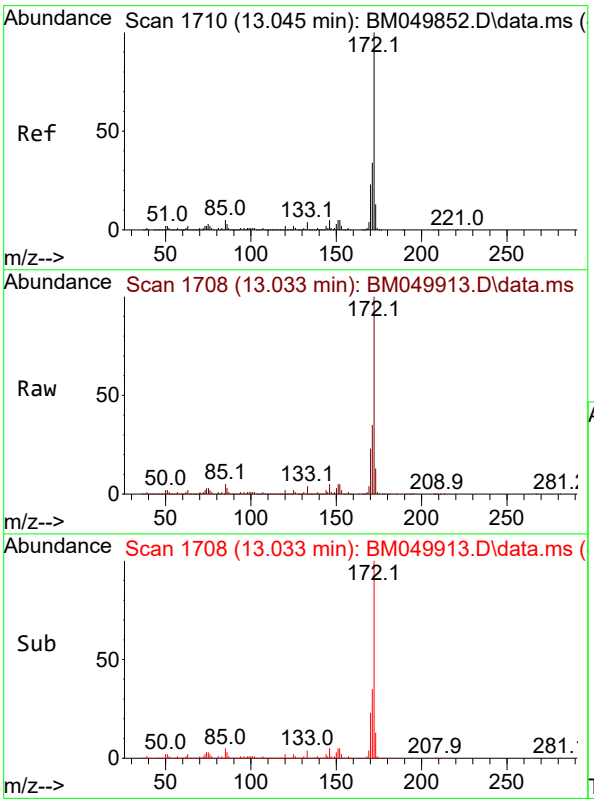
#42
2,4,6-Tribromophenol
Concen: 142.582 ng
RT: 15.904 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM049913.D
Acq: 14 Apr 2025 14:31

Instrument :
BNA_M
ClientSampleId :
TP-9

Tgt Ion:330 Resp: 1692514

Ion	Ratio	Lower	Upper
330	100		
332	96.3	78.0	117.0
141	26.1	23.5	35.3

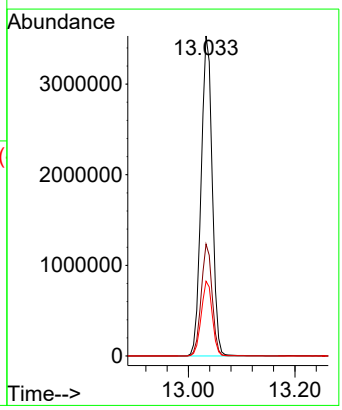


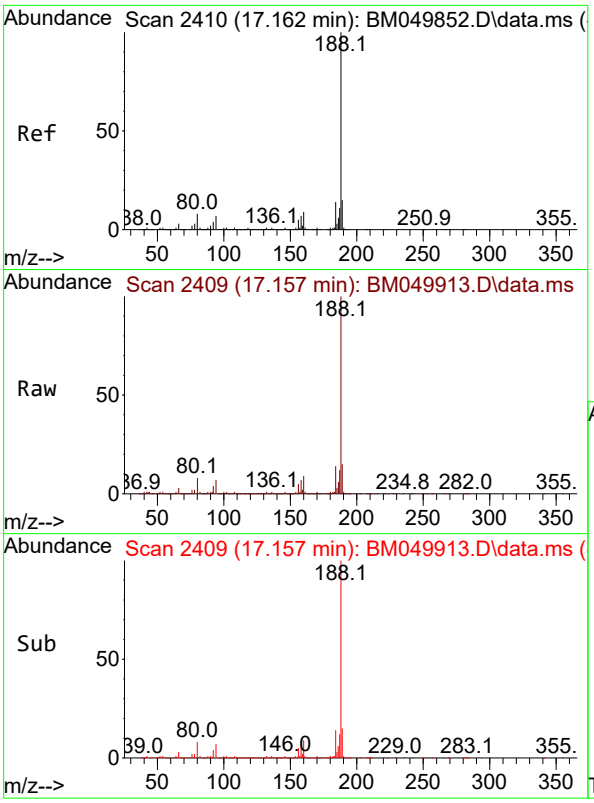


#45
2-Fluorobiphenyl
Concen: 84.643 ng
RT: 13.033 min Scan# 1708
Delta R.T. -0.012 min
Lab File: BM049913.D
Acq: 14 Apr 2025 14:31

Tgt Ion:172 Resp: 5094124

Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.4	41.2
170	23.4	18.6	28.0



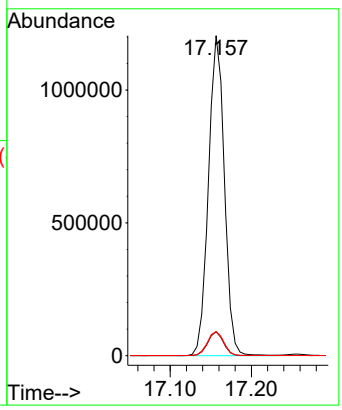


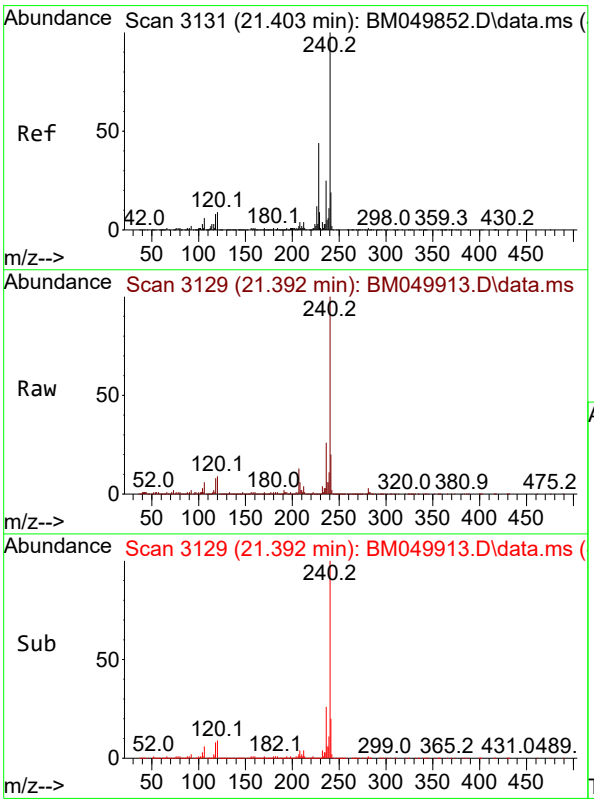
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM049913.D
Acq: 14 Apr 2025 14:31

Instrument :
BNA_M
ClientSampleId :
TP-9

Tgt Ion:188 Resp: 1638754

Ion	Ratio	Lower	Upper
188	100		
94	7.5	5.8	8.6
80	7.6	6.4	9.6

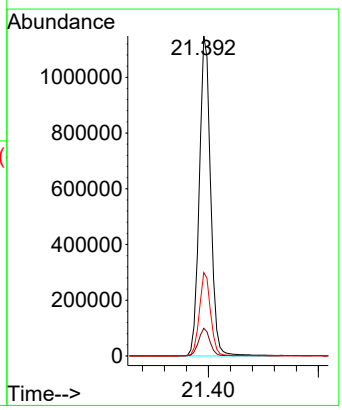


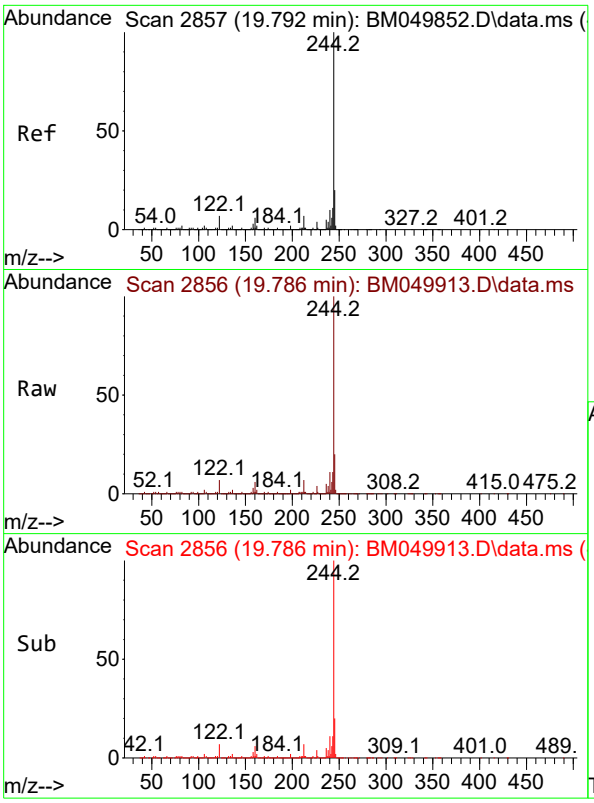


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.392 min Scan# 3129
Delta R.T. -0.012 min
Lab File: BM049913.D
Acq: 14 Apr 2025 14:31

Tgt Ion:240 Resp: 1640964

Ion	Ratio	Lower	Upper
240	100		
120	8.6	6.9	10.3
236	26.0	20.4	30.6



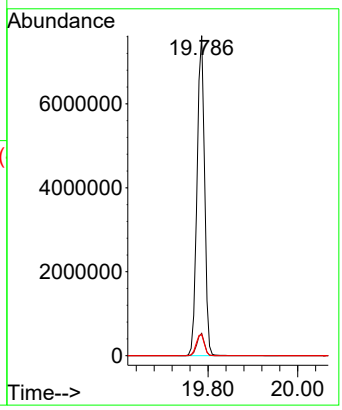


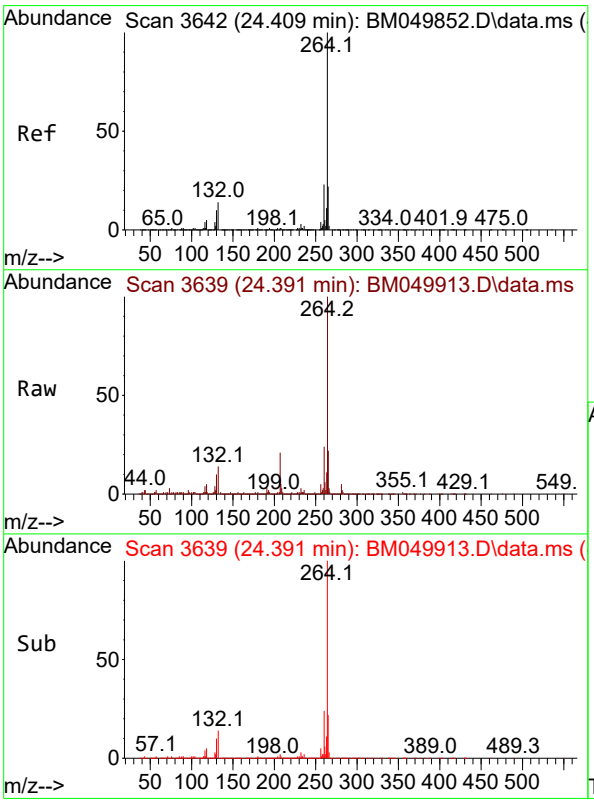
#79
Terphenyl-d14
Concen: 101.415 ng
RT: 19.786 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM049913.D
Acq: 14 Apr 2025 14:31

Instrument :
BNA_M
ClientSampleId :
TP-9

Tgt Ion:244 Resp: 8880132

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.5	8.3
122	6.5	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: BM049913.D
Acq: 14 Apr 2025 14:31

Tgt Ion:264 Resp: 1861634

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.6	28.0
265	22.1	17.8	26.8