Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041125\
Data File : BM049903.D
Acq On : 11 Apr 2025 16:15
Operator : RC/JU
Sample : Q1760-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-17

Quant Time: Apr 11 16:55:21 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	353487	20.000	ng	0.00
21) Naphthalene-d8	10.569	136	1195042	20.000	ng	0.00
39) Acenaphthene-d10	14.415	164	740604	20.000	ng	0.00
64) Phenanthrene-d10	17.156	188	1382145	20.000	ng	0.00
76) Chrysene-d12	21.391	240	1242962	20.000	ng	-0.01
86) Perylene-d12	24.391	264	1325491	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	1929688	92.698	ng	0.00
7) Phenol-d6	6.951	99	2301630	88.866	ng	0.00
23) Nitrobenzene-d5	8.928	82	1371219	63.895	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	991328	92.025	ng	0.00
45) 2-Fluorobiphenyl	13.039	172	3207449	58.727	ng	0.00
79) Terphenyl-d14	19.786	244	4262664	64.269	ng	0.00
Target Compounds						Qvalue

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

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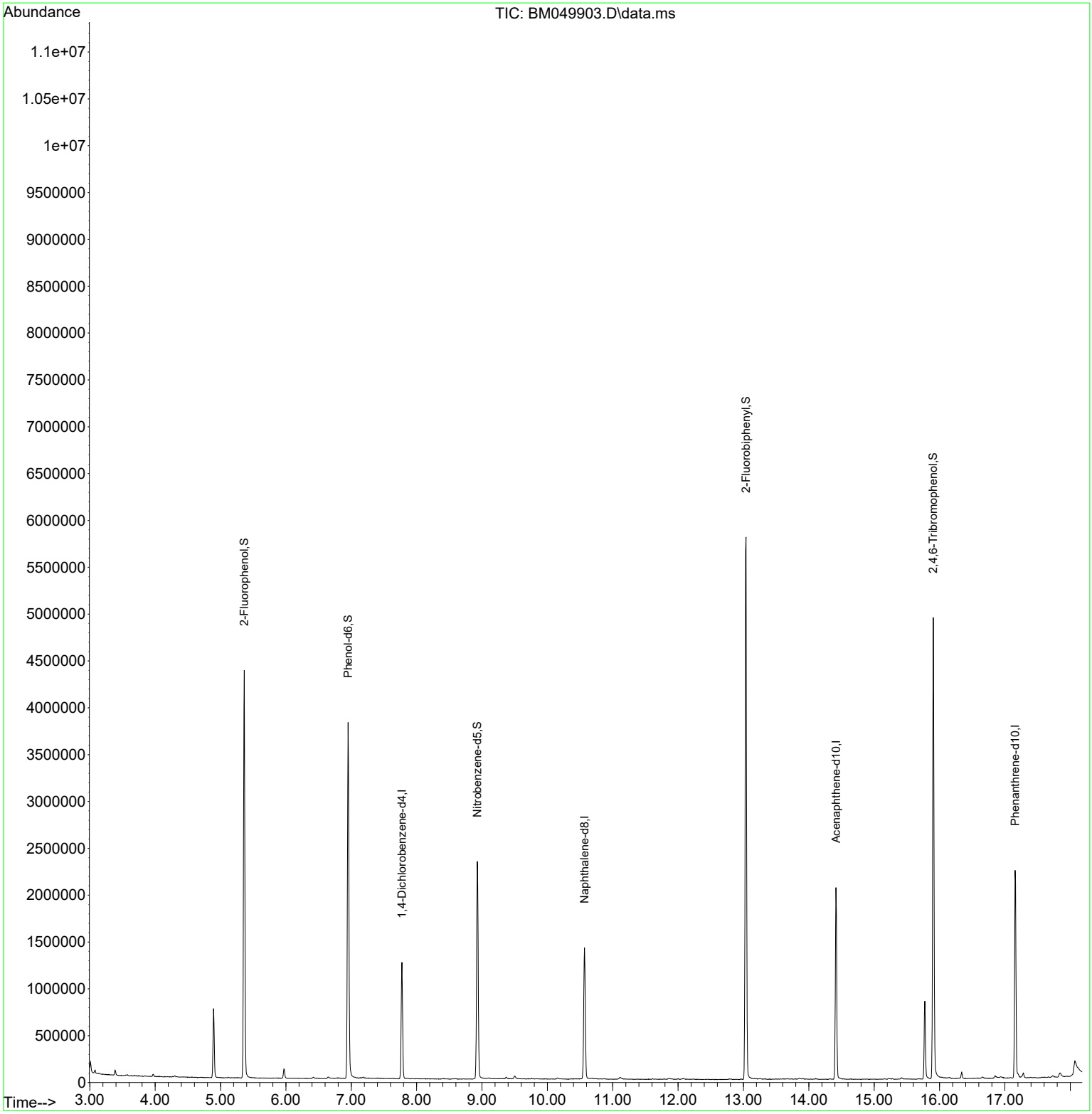

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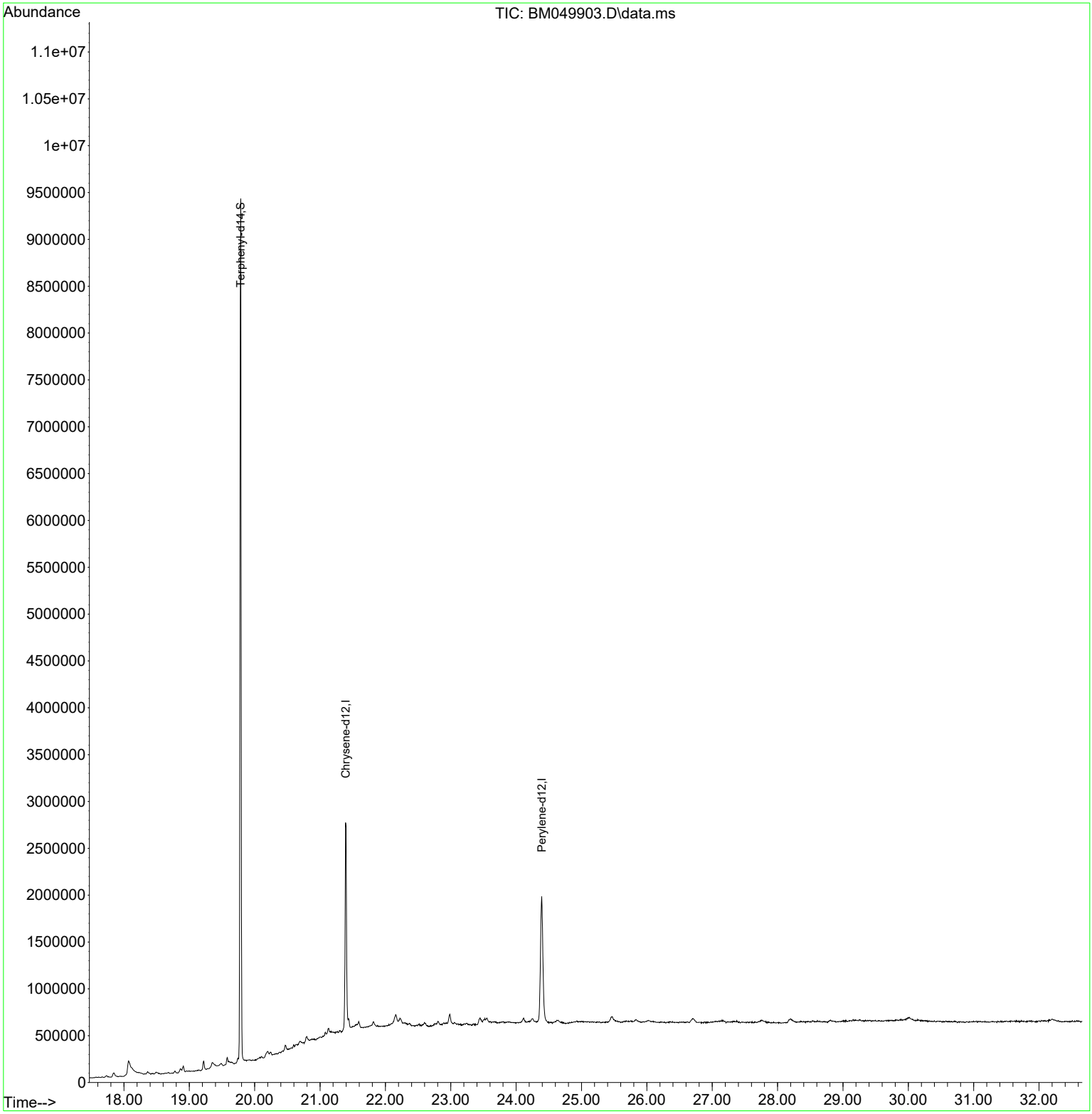
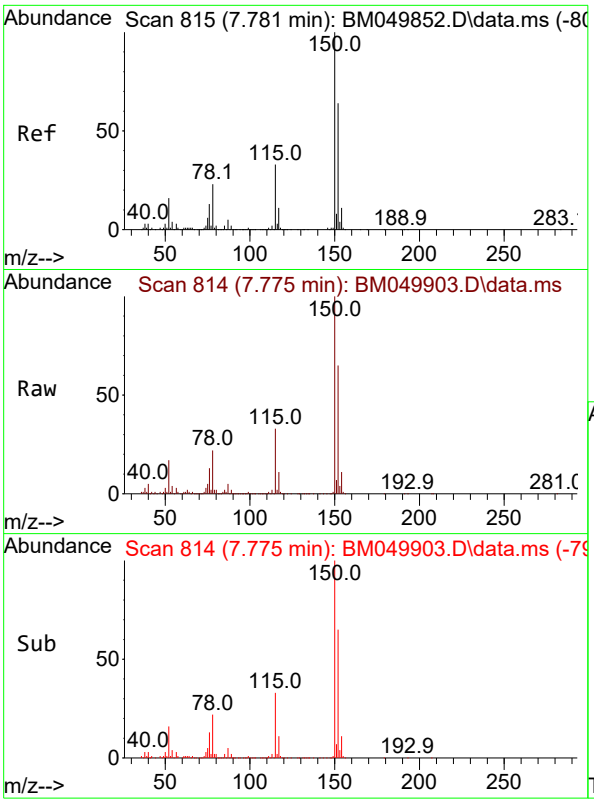


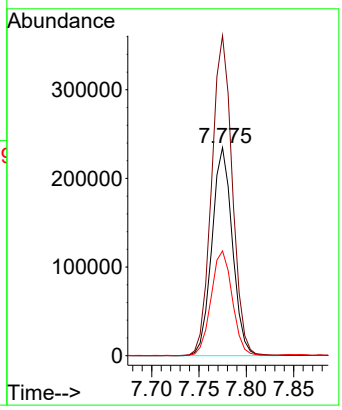


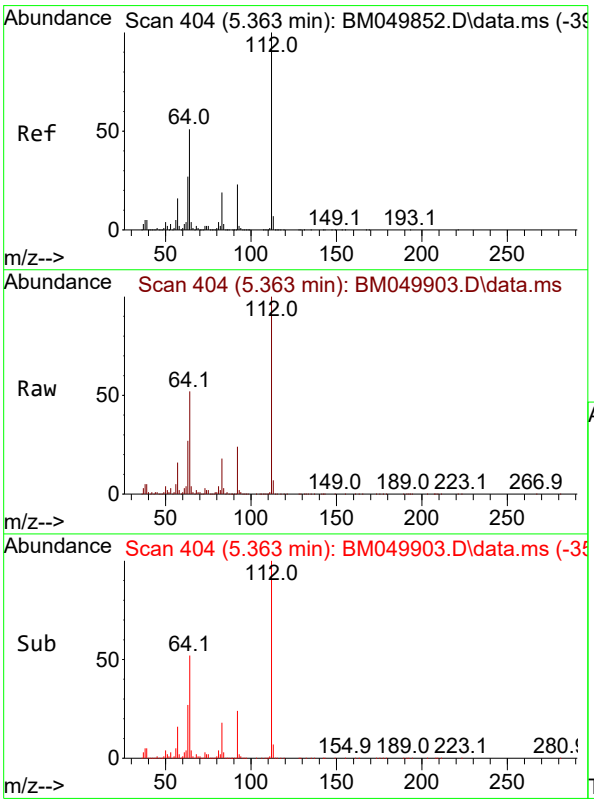
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.775 min Scan# 8
Delta R.T. -0.006 min
Lab File: BM049903.D
Acq: 11 Apr 2025 16:15

Instrument :
BNA_M
ClientSampleId :
TP-17

Tgt Ion:152 Resp: 353487

Ion	Ratio	Lower	Upper
152	100		
150	153.7	124.3	186.5
115	50.4	41.1	61.7

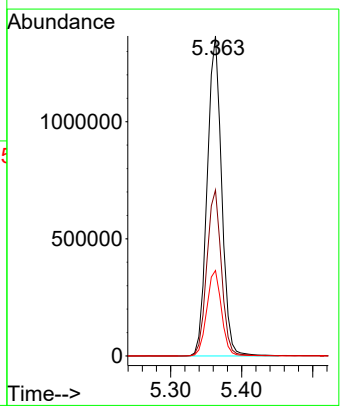


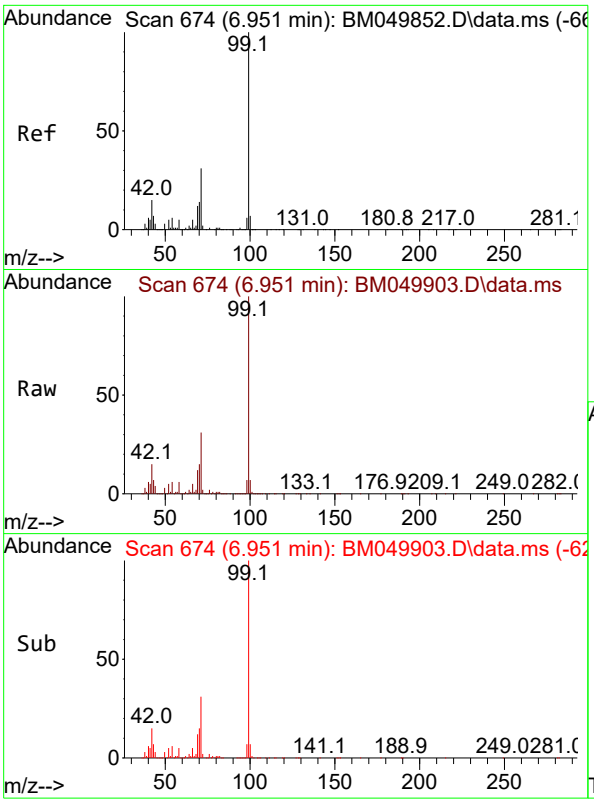


#5
2-Fluorophenol
Concen: 92.698 ng
RT: 5.363 min Scan# 404
Delta R.T. -0.000 min
Lab File: BM049903.D
Acq: 11 Apr 2025 16:15

Tgt Ion:112 Resp: 1929688

Ion	Ratio	Lower	Upper
112	100		
64	51.9	41.0	61.6
63	26.7	21.5	32.3



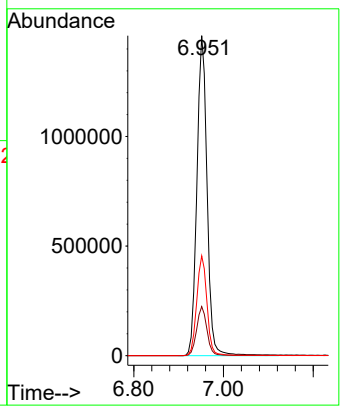


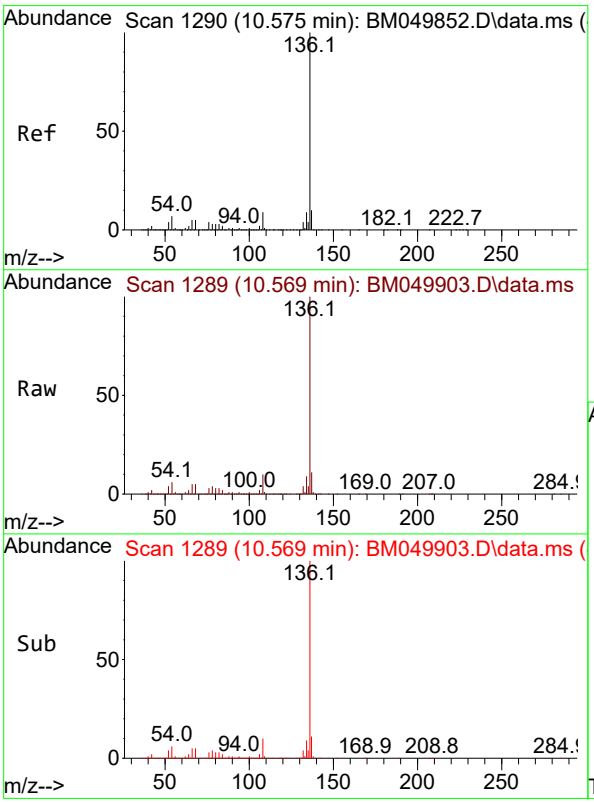
#7
Phenol-d6
Concen: 88.866 ng
RT: 6.951 min Scan# 6
Delta R.T. -0.000 min
Lab File: BM049903.D
Acq: 11 Apr 2025 16:15

Instrument :
BNA_M
ClientSampleId :
TP-17

Tgt Ion: 99 Resp: 2301630

Ion	Ratio	Lower	Upper
99	100		
42	15.4	12.1	18.1
71	31.2	24.9	37.3

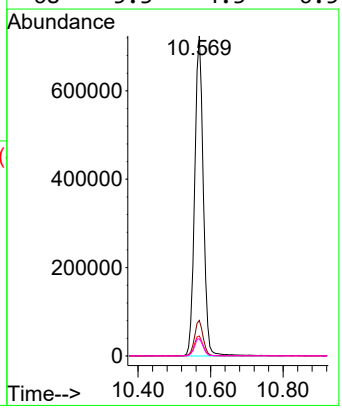


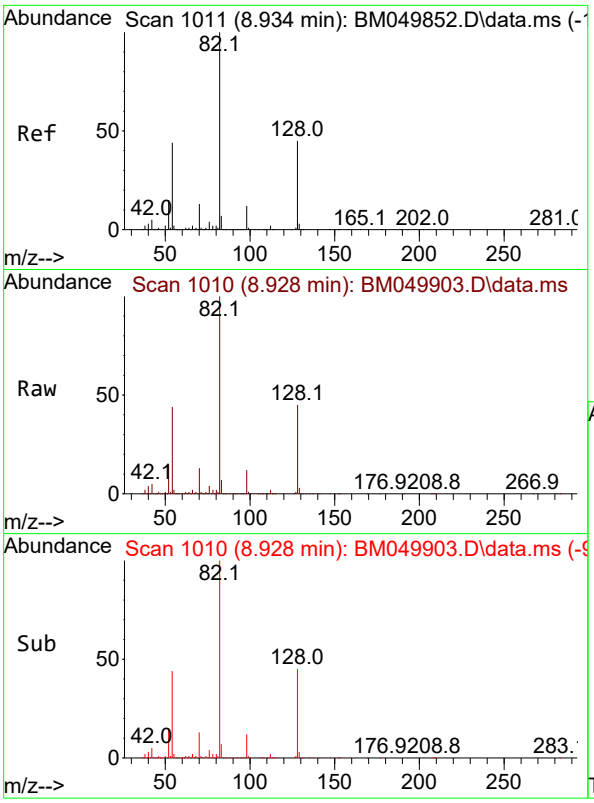


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.569 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BM049903.D
Acq: 11 Apr 2025 16:15

Tgt Ion:136 Resp: 1195042

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	6.2	5.3	7.9
68	5.3	4.3	6.5



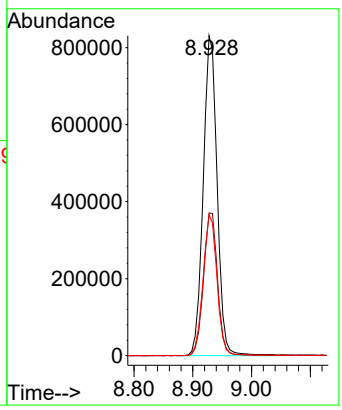


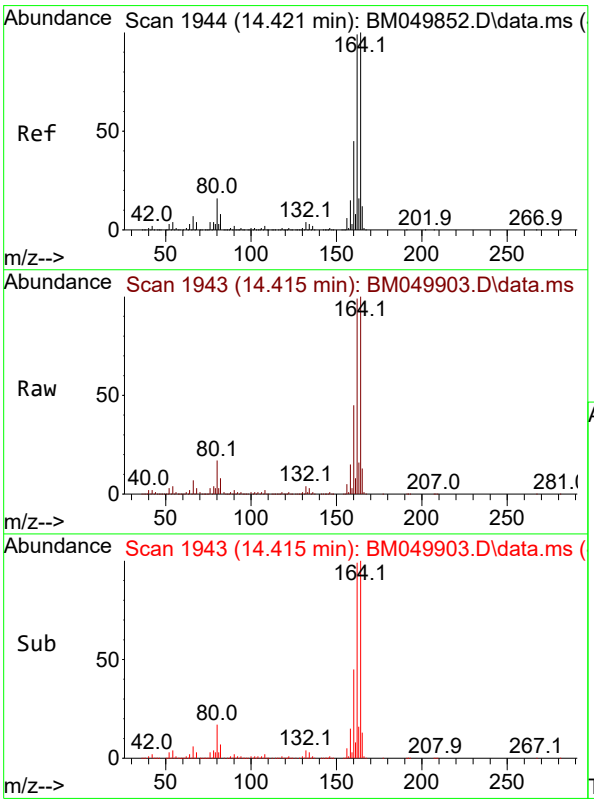
#23
Nitrobenzene-d5
Concen: 63.895 ng
RT: 8.928 min Scan# 1(
Delta R.T. -0.006 min
Lab File: BM049903.D
Acq: 11 Apr 2025 16:15

Instrument :
BNA_M
ClientSampleId :
TP-17

Tgt Ion: 82 Resp: 1371219

Ion	Ratio	Lower	Upper
82	100		
128	44.6	36.2	54.2
54	44.0	35.0	52.6

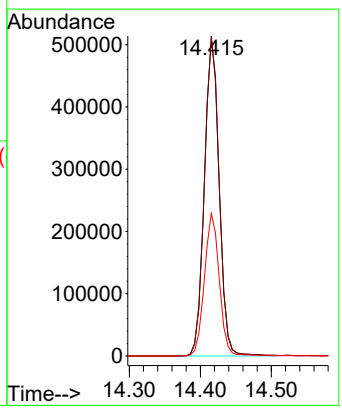


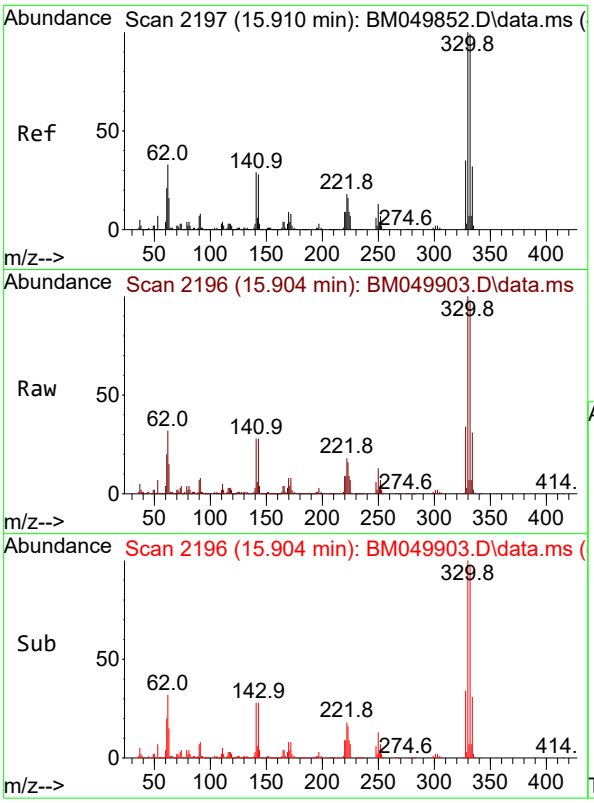


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.415 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BM049903.D
Acq: 11 Apr 2025 16:15

Tgt Ion:164 Resp: 740604

Ion	Ratio	Lower	Upper
164	100		
162	99.3	79.4	119.0
160	44.5	36.2	54.2



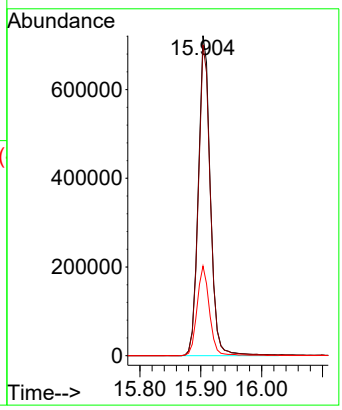


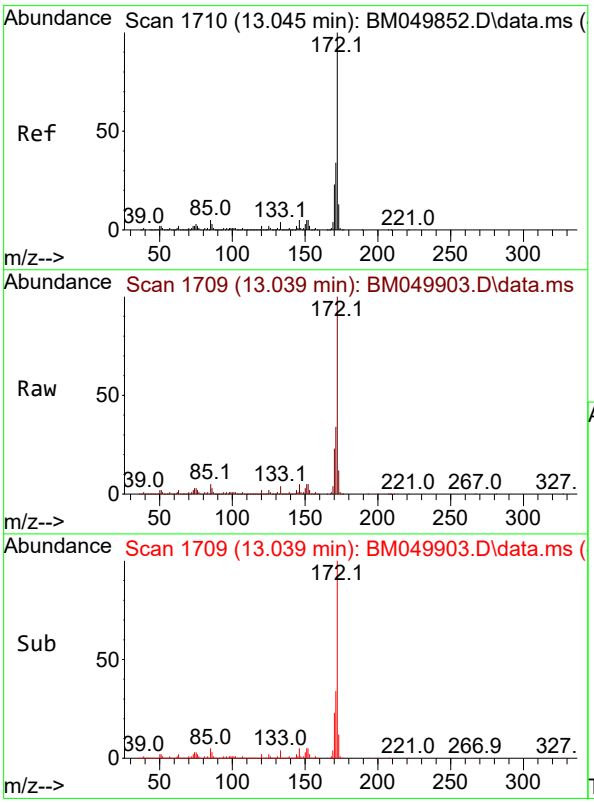
#42
2,4,6-Tribromophenol
Concen: 92.025 ng
RT: 15.904 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM049903.D
Acq: 11 Apr 2025 16:15

Instrument :
BNA_M
ClientSampleId :
TP-17

Tgt Ion:330 Resp: 991328

Ion	Ratio	Lower	Upper
330	100		
332	97.0	78.0	117.0
141	28.9	23.5	35.3

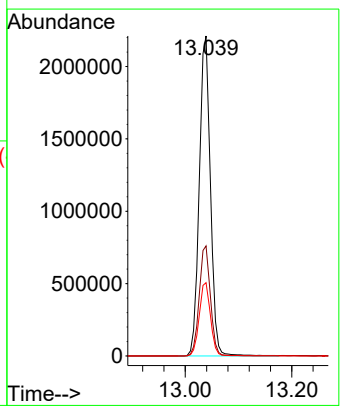


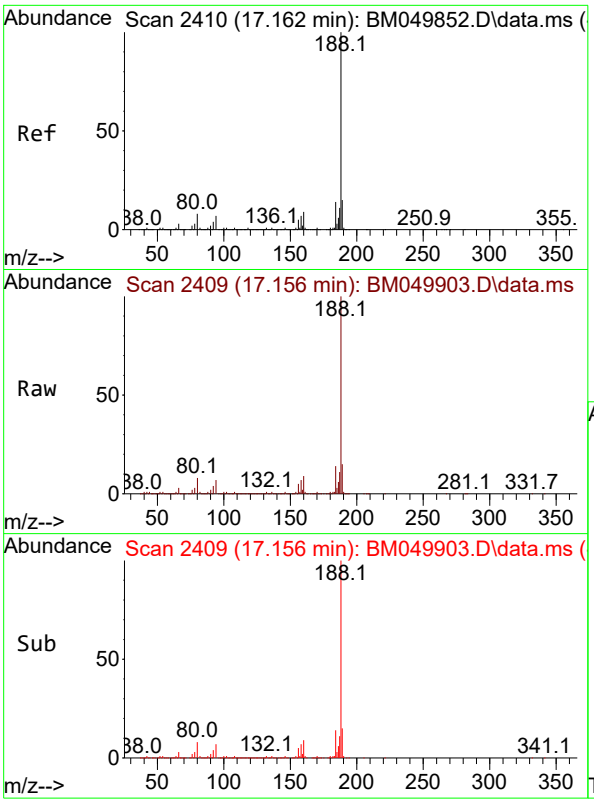


#45
2-Fluorobiphenyl
Concen: 58.727 ng
RT: 13.039 min Scan# 1709
Delta R.T. -0.006 min
Lab File: BM049903.D
Acq: 11 Apr 2025 16:15

Tgt Ion:172 Resp: 3207449

Ion	Ratio	Lower	Upper
172	100		
171	34.4	27.4	41.2
170	22.9	18.6	28.0



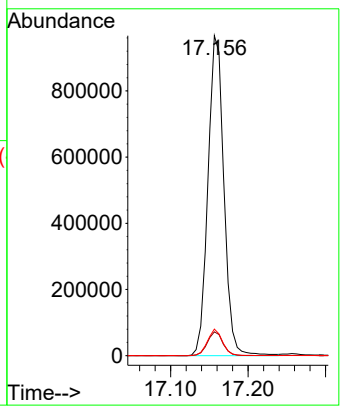


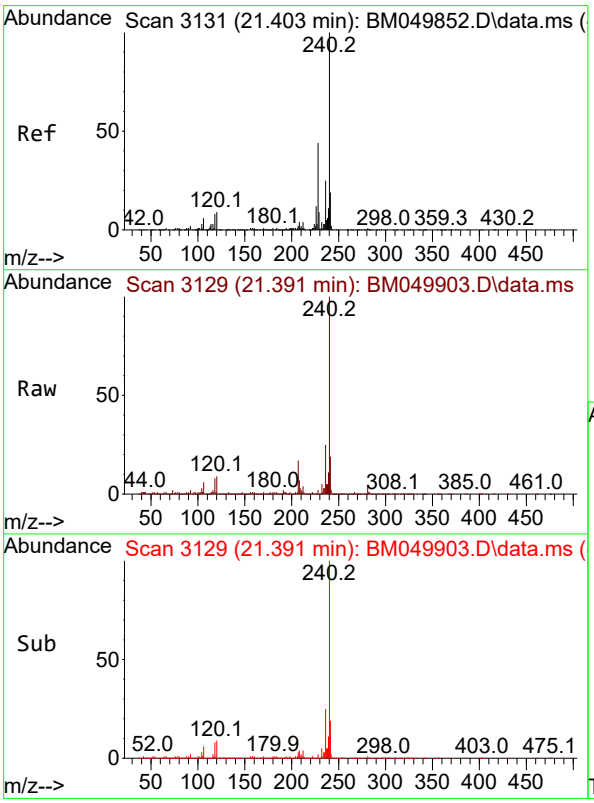
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.156 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM049903.D
Acq: 11 Apr 2025 16:15

Instrument :
BNA_M
ClientSampleId :
TP-17

Tgt Ion:188 Resp: 1382145

Ion	Ratio	Lower	Upper
188	100		
94	7.4	5.8	8.6
80	8.3	6.4	9.6

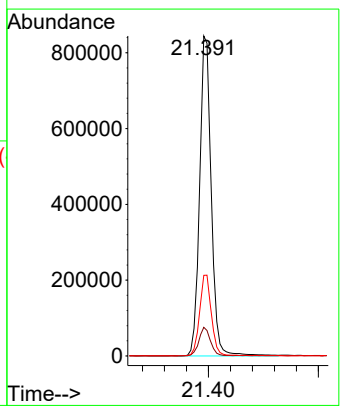


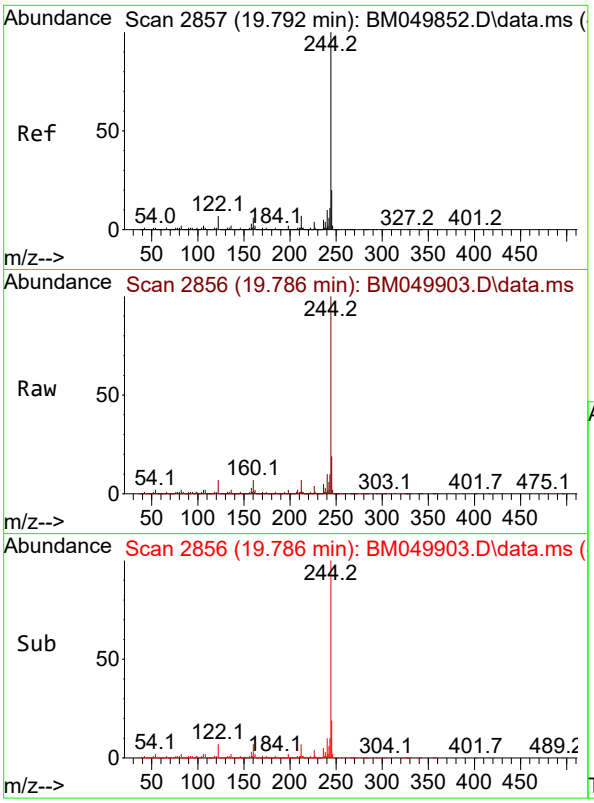


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.391 min Scan# 3129
Delta R.T. -0.012 min
Lab File: BM049903.D
Acq: 11 Apr 2025 16:15

Tgt Ion:240 Resp: 1242962

Ion	Ratio	Lower	Upper
240	100		
120	9.0	6.9	10.3
236	25.2	20.4	30.6



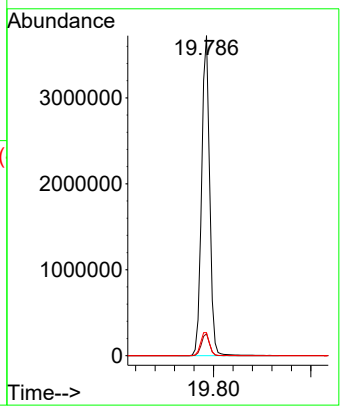


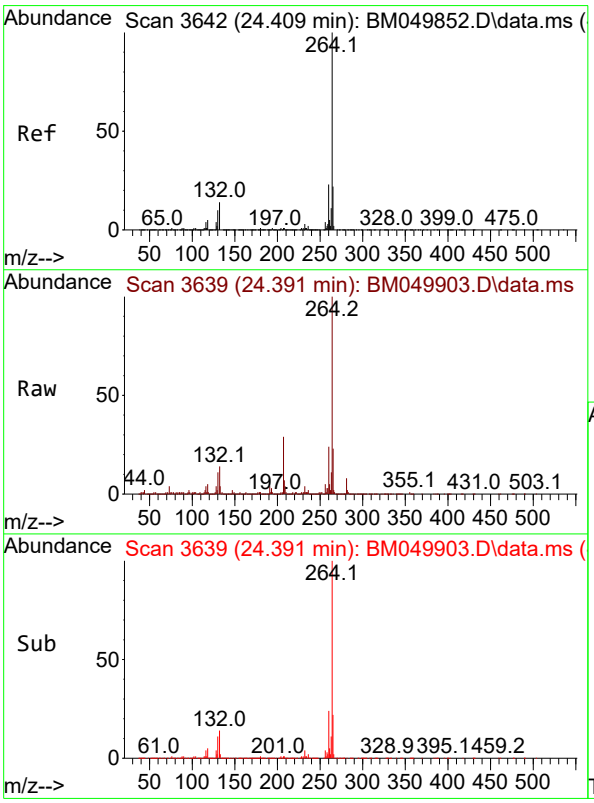
#79
Terphenyl-d14
Concen: 64.269 ng
RT: 19.786 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM049903.D
Acq: 11 Apr 2025 16:15

Instrument :
BNA_M
ClientSampleId :
TP-17

Tgt Ion:244 Resp: 4262664

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.5	8.3
122	7.2	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: BM049903.D
Acq: 11 Apr 2025 16:15

Tgt Ion:264 Resp: 1325491

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.6	28.0
265	22.5	17.8	26.8