Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040925\
Data File : BM049860.D
Acq On : 09 Apr 2025 09:48
Operator : RC/JU
Sample : PB167521BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167521BL

Quant Time: Apr 09 11:50:22 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	332281	20.000	ng	0.00
21) Naphthalene-d8	10.569	136	1132683	20.000	ng	0.00
39) Acenaphthene-d10	14.416	164	701970	20.000	ng	0.00
64) Phenanthrene-d10	17.162	188	1345526	20.000	ng	0.00
76) Chrysene-d12	21.397	240	1270012	20.000	ng	0.00
86) Perylene-d12	24.391	264	1381061	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	2512705	128.408	ng	0.00
7) Phenol-d6	6.951	99	3032771	124.568	ng	0.00
23) Nitrobenzene-d5	8.934	82	1795986	88.295	ng	0.00
42) 2,4,6-Tribromophenol	15.910	330	1393023	136.432	ng	0.00
45) 2-Fluorobiphenyl	13.039	172	4615951	89.167	ng	0.00
79) Terphenyl-d14	19.786	244	7348045	108.429	ng	0.00
Target Compounds						Qvalue

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

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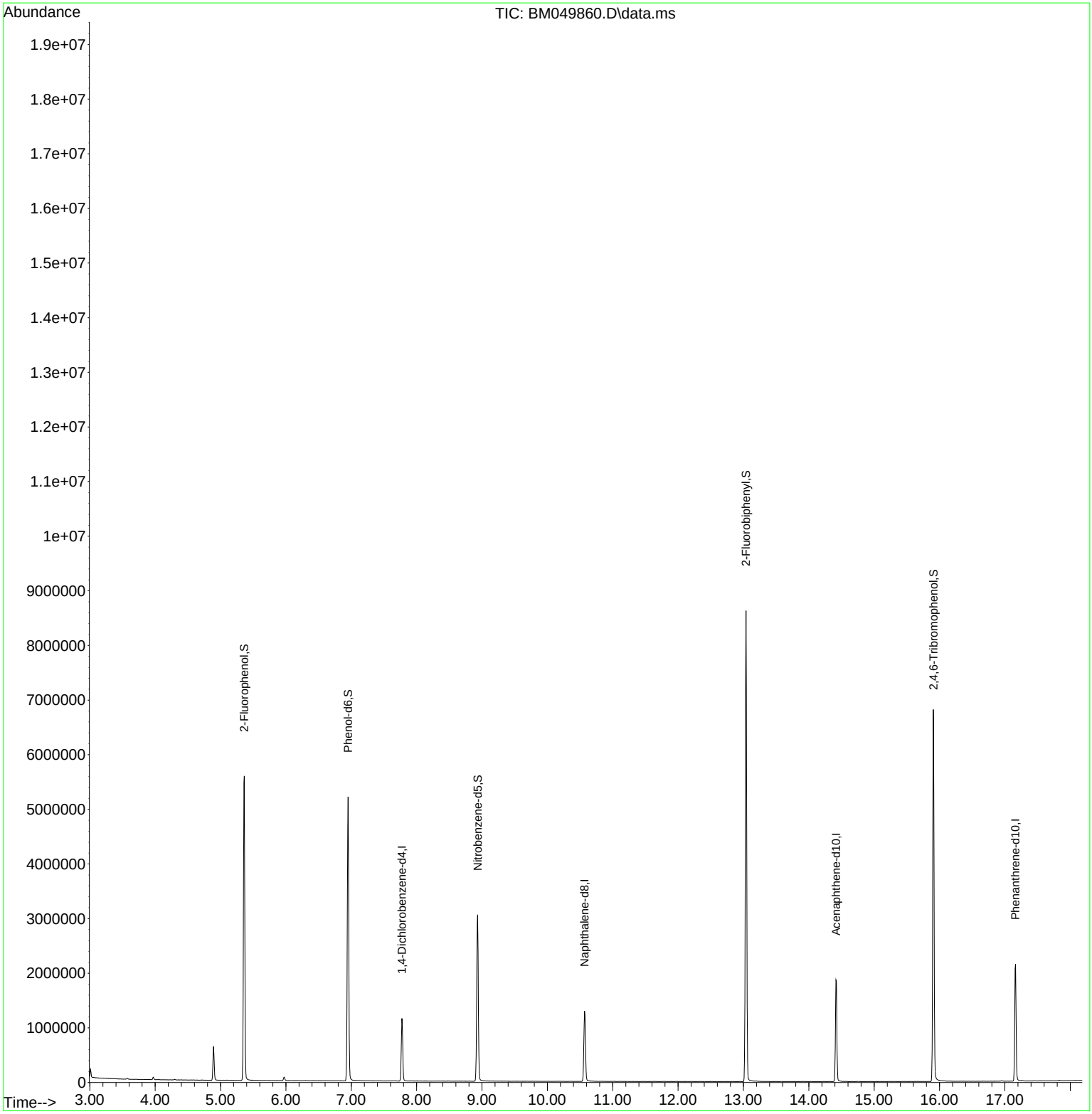

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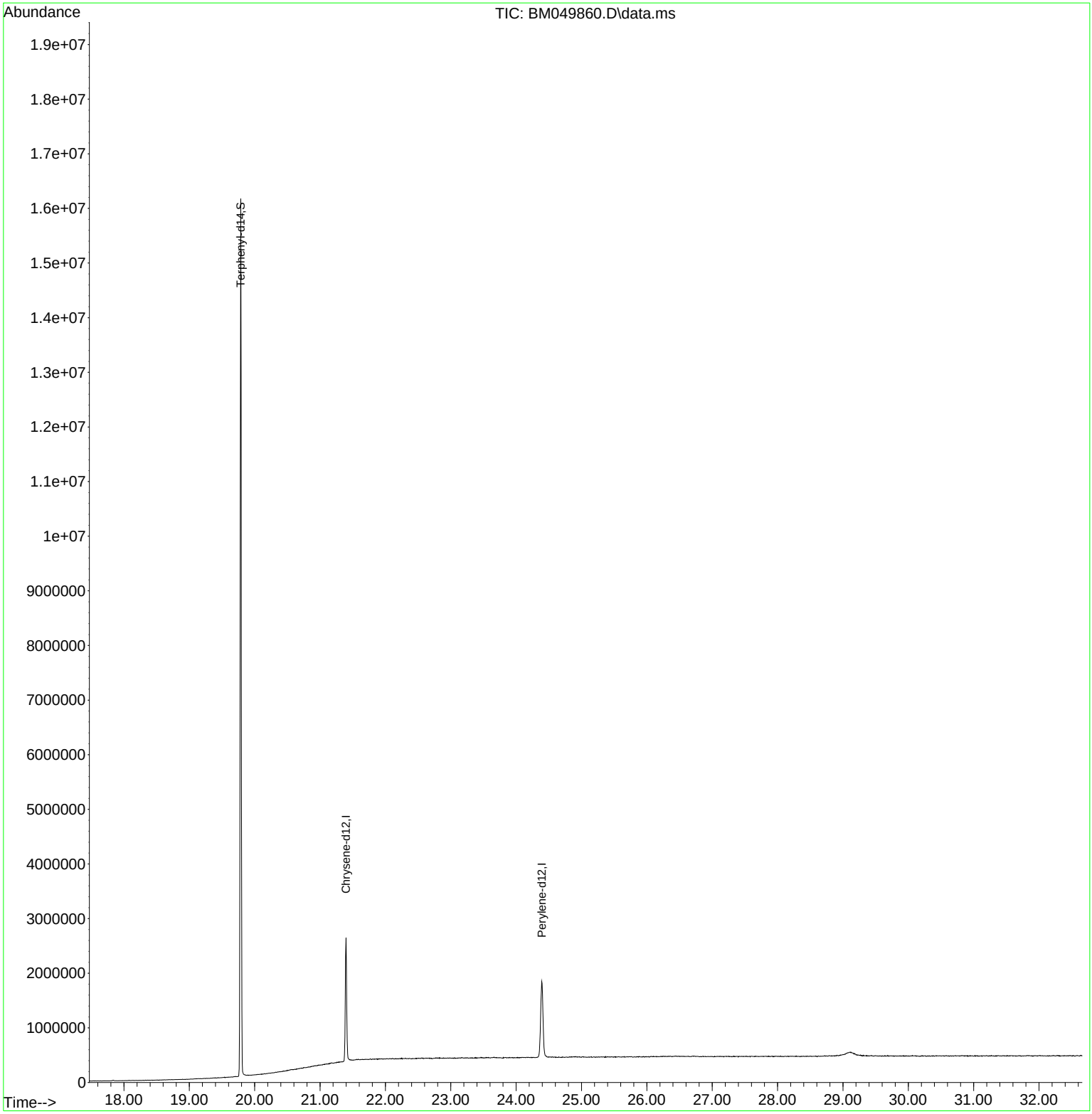
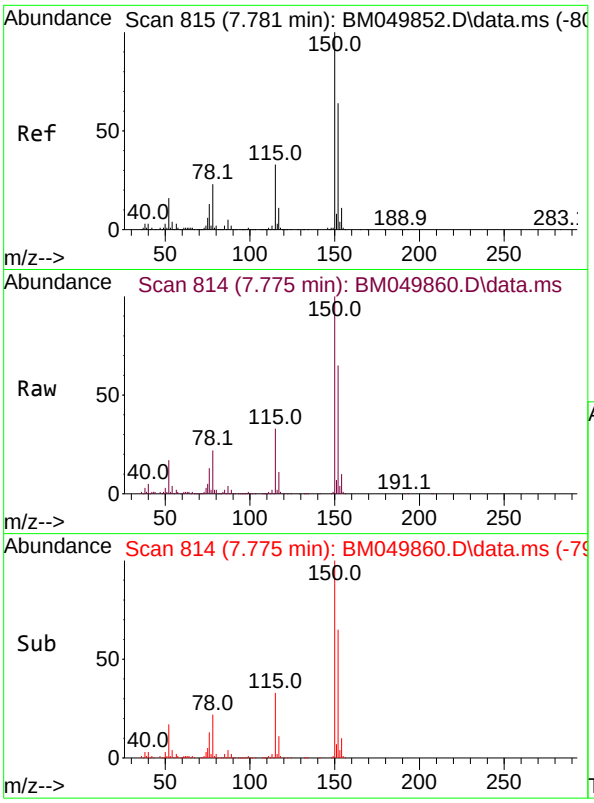


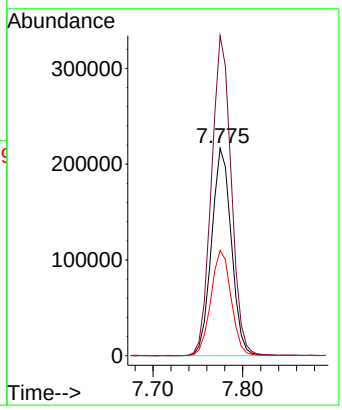


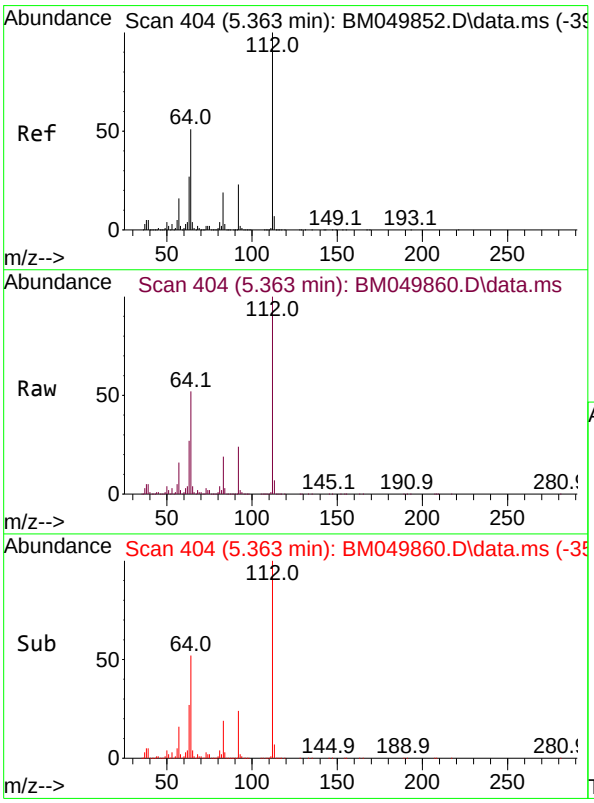
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.775 min Scan# 8
Delta R.T. -0.006 min
Lab File: BM049860.D
Acq: 09 Apr 2025 09:48

Instrument :
BNA_M
ClientSampleId :
PB167521BL

Tgt Ion:152 Resp: 332281

Ion	Ratio	Lower	Upper
152	100		
150	154.3	124.3	186.5
115	50.8	41.1	61.7

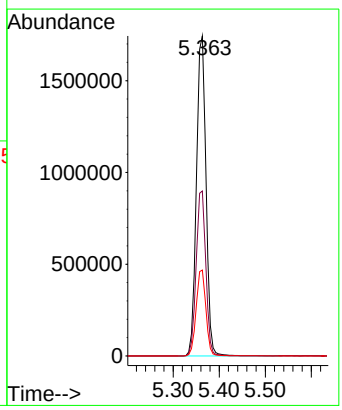


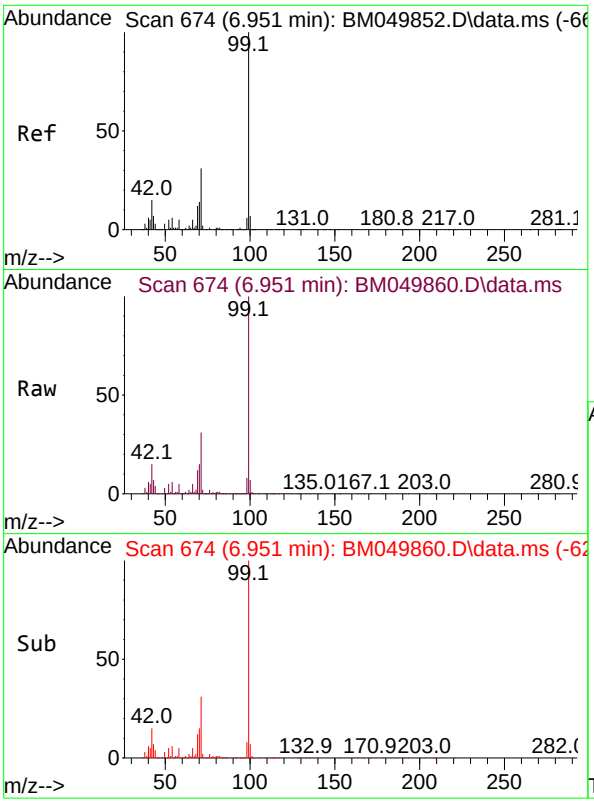


#5
2-Fluorophenol
Concen: 128.408 ng
RT: 5.363 min Scan# 404
Delta R.T. -0.000 min
Lab File: BM049860.D
Acq: 09 Apr 2025 09:48

Tgt Ion:112 Resp: 2512705

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



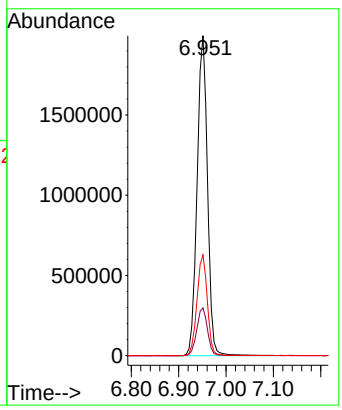


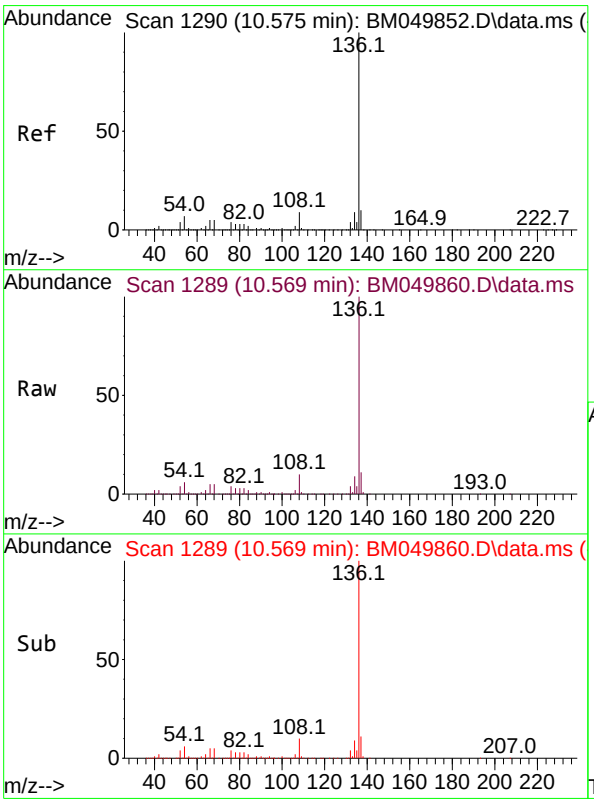
#7
Phenol-d6
Concen: 124.568 ng
RT: 6.951 min Scan# 6
Delta R.T. -0.000 min
Lab File: BM049860.D
Acq: 09 Apr 2025 09:48

Instrument :
BNA_M
ClientSampleId :
PB167521BL

Tgt Ion: 99 Resp: 3032771

Ion	Ratio	Lower	Upper
99	100		
42	15.0	12.1	18.1
71	31.5	24.9	37.3

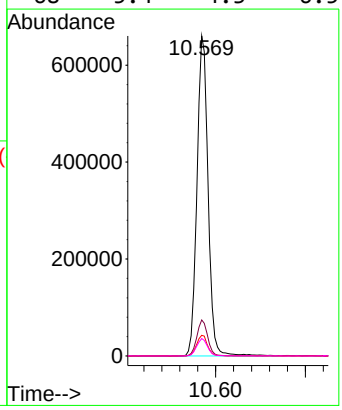


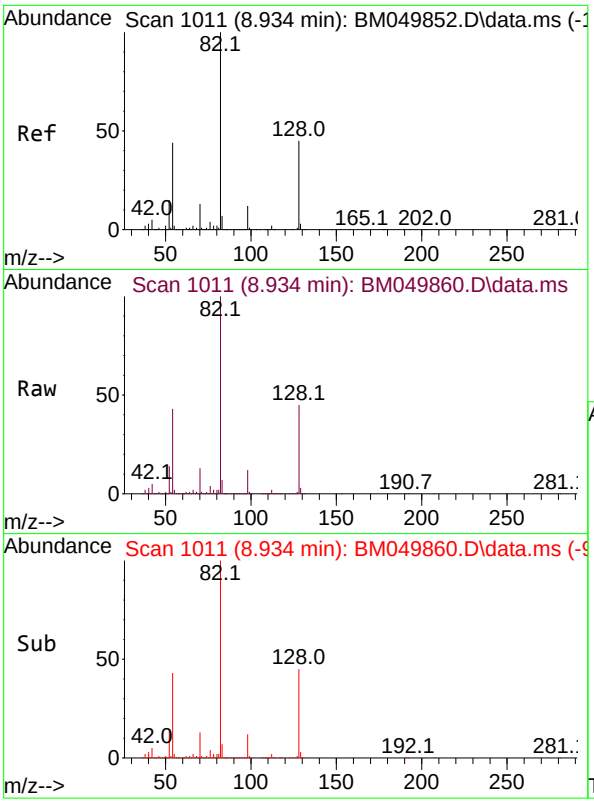


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.569 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BM049860.D
Acq: 09 Apr 2025 09:48

Tgt Ion:136 Resp: 1132683

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.4	12.6
54	6.4	5.3	7.9
68	5.4	4.3	6.5



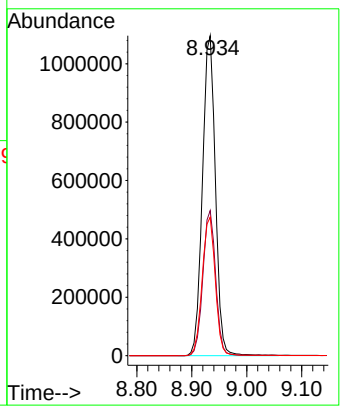


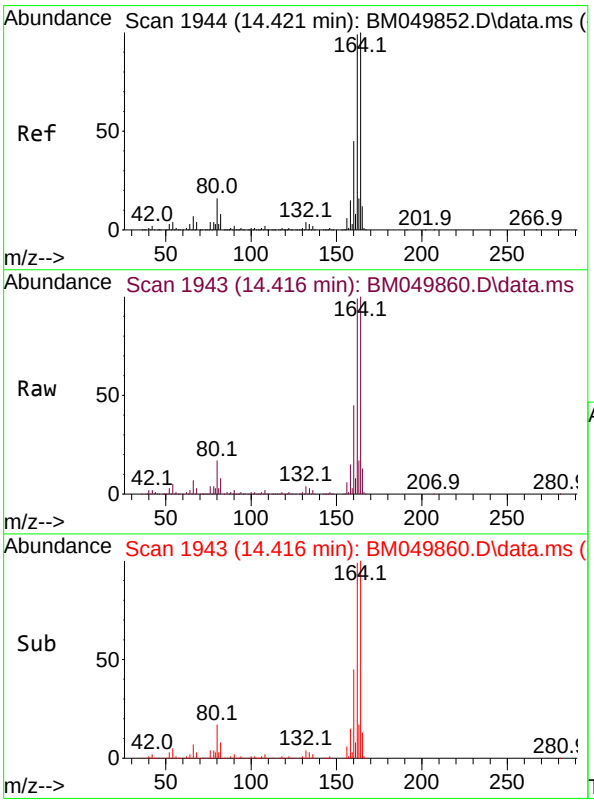
#23
Nitrobenzene-d5
Concen: 88.295 ng
RT: 8.934 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BM049860.D
Acq: 09 Apr 2025 09:48

Instrument :
BNA_M
ClientSampleId :
PB167521BL

Tgt Ion: 82 Resp: 1795986

Ion	Ratio	Lower	Upper
82	100		
128	45.4	36.2	54.2
54	43.3	35.0	52.6

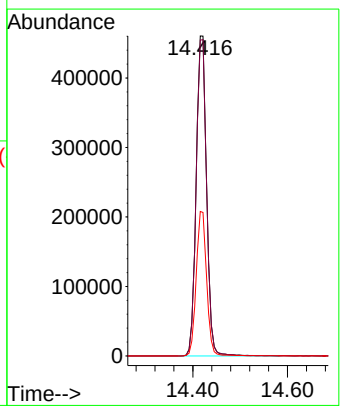


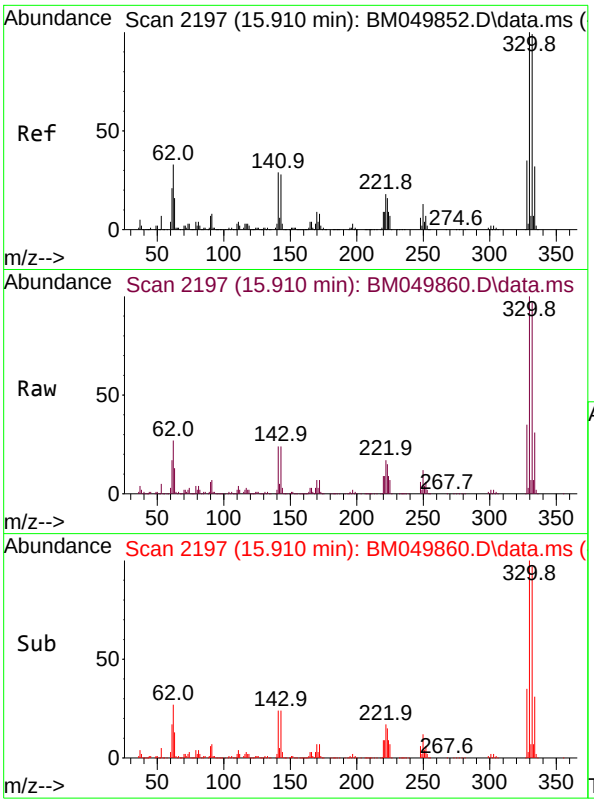


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.416 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BM049860.D
Acq: 09 Apr 2025 09:48

Tgt Ion:164 Resp: 701970

Ion	Ratio	Lower	Upper
164	100		
162	98.7	79.4	119.0
160	45.1	36.2	54.2



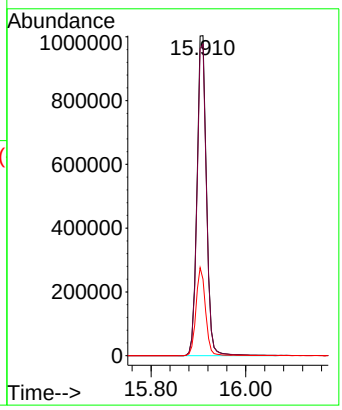


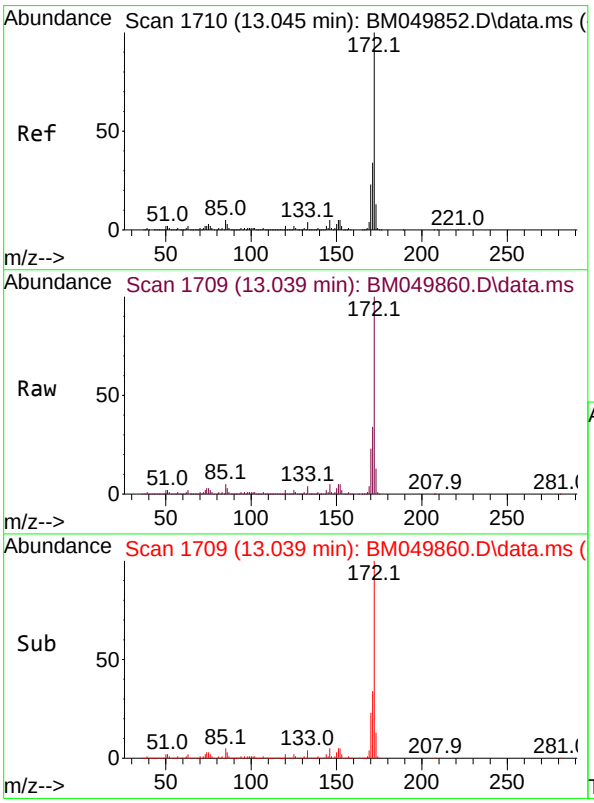
#42
2,4,6-Tribromophenol
Concen: 136.432 ng
RT: 15.910 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM049860.D
Acq: 09 Apr 2025 09:48

Instrument :
BNA_M
ClientSampleId :
PB167521BL

Tgt Ion:330 Resp: 1393023

Ion	Ratio	Lower	Upper
330	100		
332	96.7	78.0	117.0
141	27.8	23.5	35.3

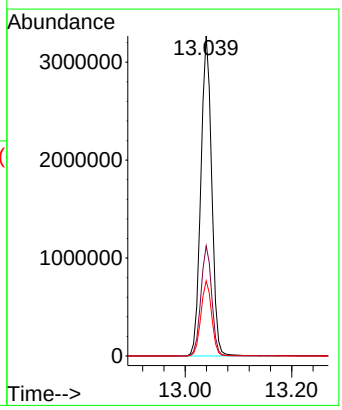


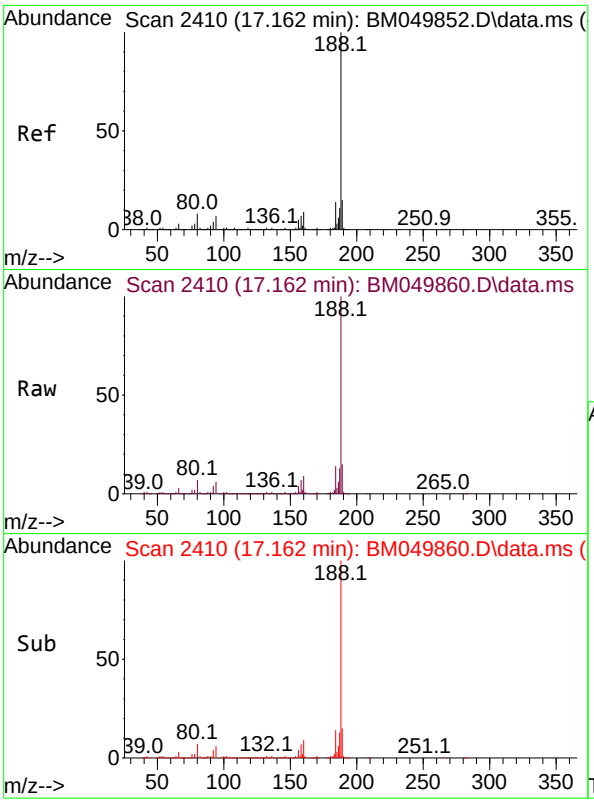


#45
2-Fluorobiphenyl
Concen: 89.167 ng
RT: 13.039 min Scan# 1709
Delta R.T. -0.006 min
Lab File: BM049860.D
Acq: 09 Apr 2025 09:48

Tgt Ion:172 Resp: 4615951

Ion	Ratio	Lower	Upper
172	100		
171	34.4	27.4	41.2
170	23.4	18.6	28.0



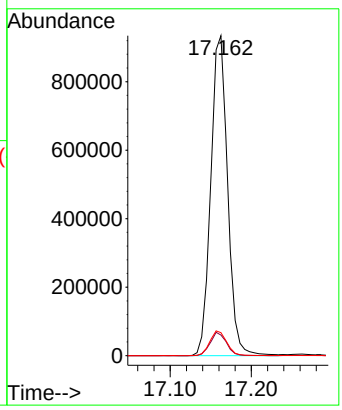


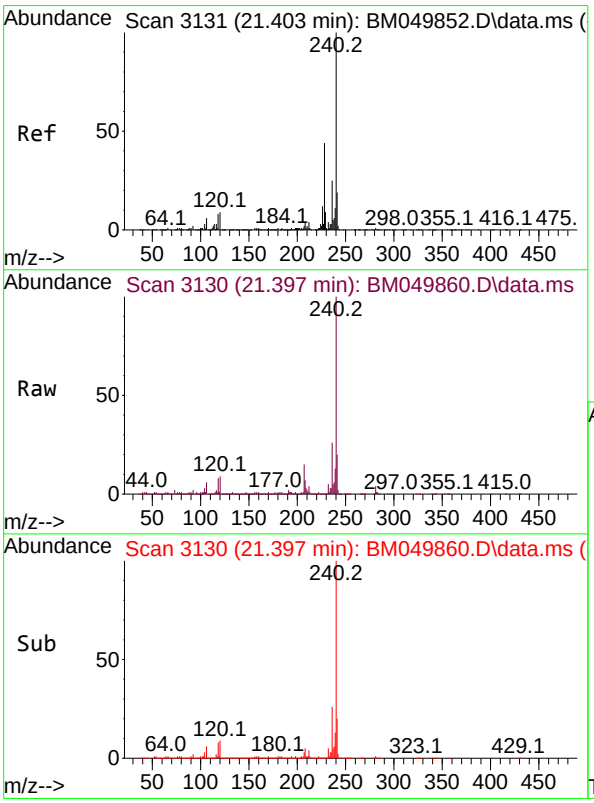
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.162 min Scan# 24
Delta R.T. -0.000 min
Lab File: BM049860.D
Acq: 09 Apr 2025 09:48

Instrument :
BNA_M
ClientSampleId :
PB167521BL

Tgt Ion:188 Resp: 1345526

Ion	Ratio	Lower	Upper
188	100		
94	6.4	5.8	8.6
80	7.2	6.4	9.6

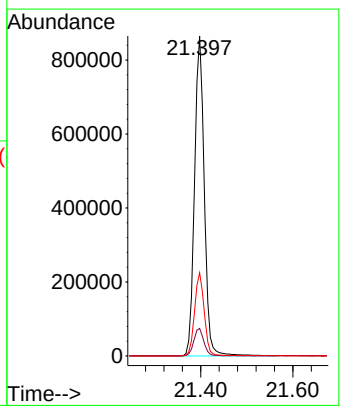


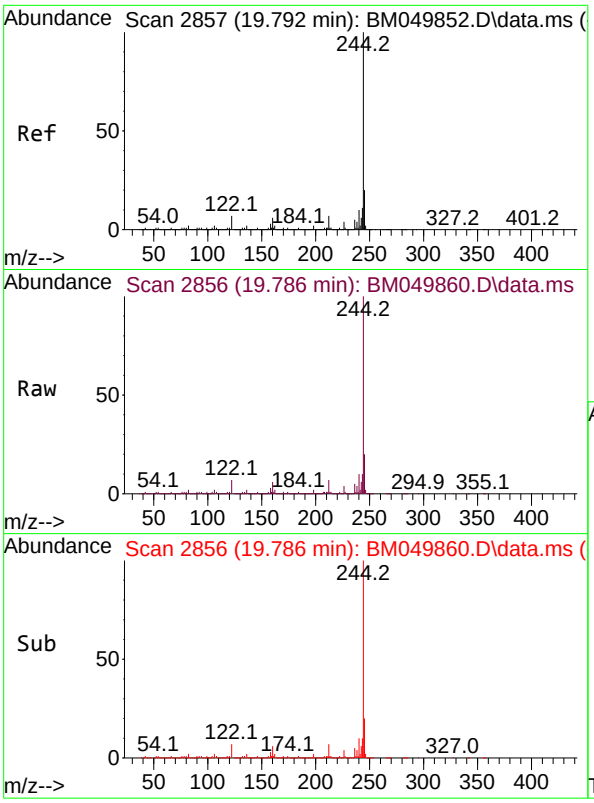


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.397 min Scan# 3130
Delta R.T. -0.006 min
Lab File: BM049860.D
Acq: 09 Apr 2025 09:48

Tgt Ion:240 Resp: 1270012

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



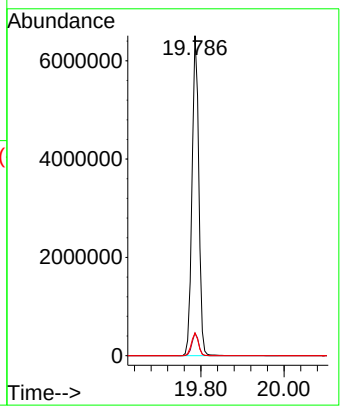


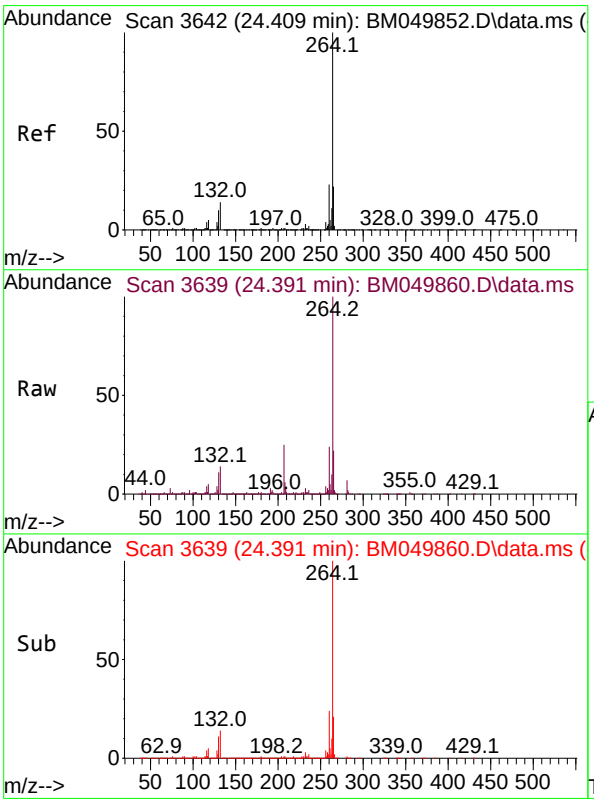
#79
Terphenyl-d14
Concen: 108.429 ng
RT: 19.786 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM049860.D
Acq: 09 Apr 2025 09:48

Instrument :
BNA_M
ClientSampleId :
PB167521BL

Tgt Ion:244 Resp: 7348045

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.5	8.3
122	7.1	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: BM049860.D
Acq: 09 Apr 2025 09:48

Tgt Ion:264 Resp: 1381061

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.6	28.0
265	21.8	17.8	26.8