Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040425\
Data File : BM049821.D
Acq On : 04 Apr 2025 13:25
Operator : RC/JU
Sample : Q1694-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-18

Quant Time: Apr 04 14:04:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 14:55:34 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.786	152	270028	20.000	ng	-0.02
21) Naphthalene-d8	10.580	136	940458	20.000	ng	-0.02
39) Acenaphthene-d10	14.427	164	600055	20.000	ng	-0.02
64) Phenanthrene-d10	17.168	188	1243348	20.000	ng	-0.02
76) Chrysene-d12	21.403	240	1312999	20.000	ng	-0.02
86) Perylene-d12	24.403	264	1508210	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	2453266	153.297	ng	-0.02
7) Phenol-d6	6.957	99	3087382	153.729	ng	-0.02
23) Nitrobenzene-d5	8.939	82	1763675	96.283	ng	-0.02
42) 2,4,6-Tribromophenol	15.915	330	1447795	206.626	ng	-0.02
45) 2-Fluorobiphenyl	13.051	172	4494153	93.798	ng	-0.02
79) Terphenyl-d14	19.797	244	8488795	108.946	ng	-0.01
Target Compounds						Qvalue

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

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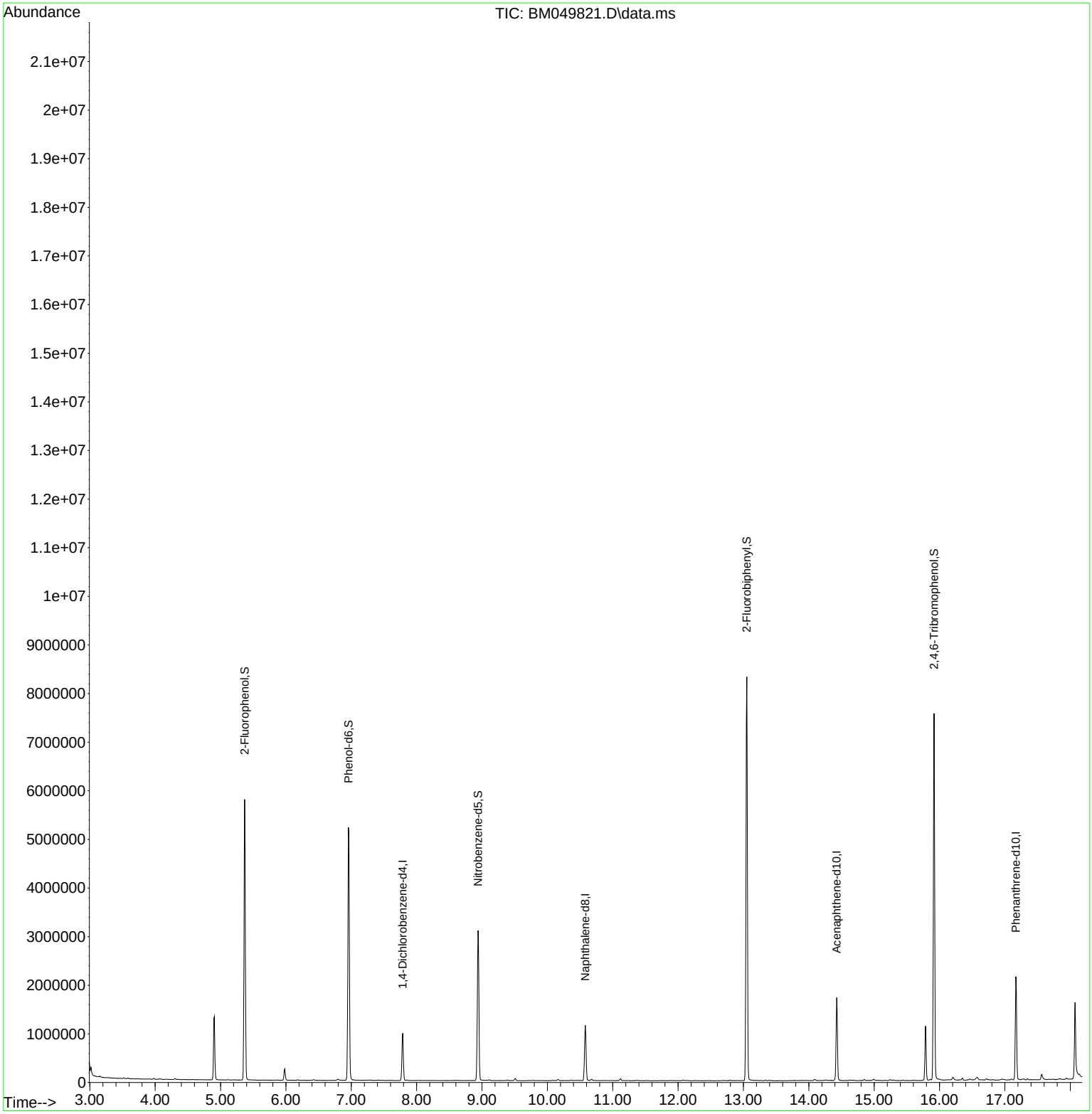

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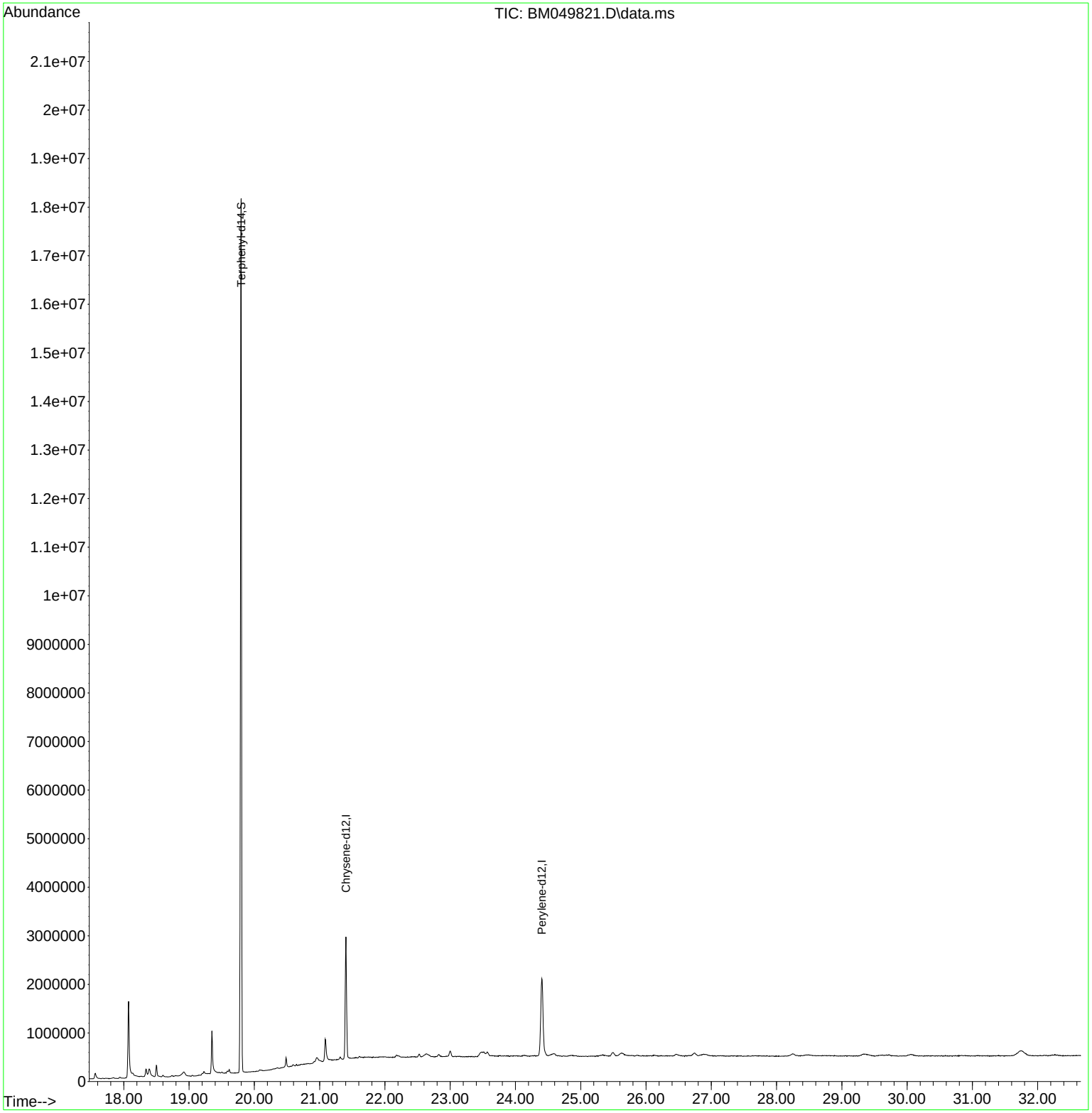
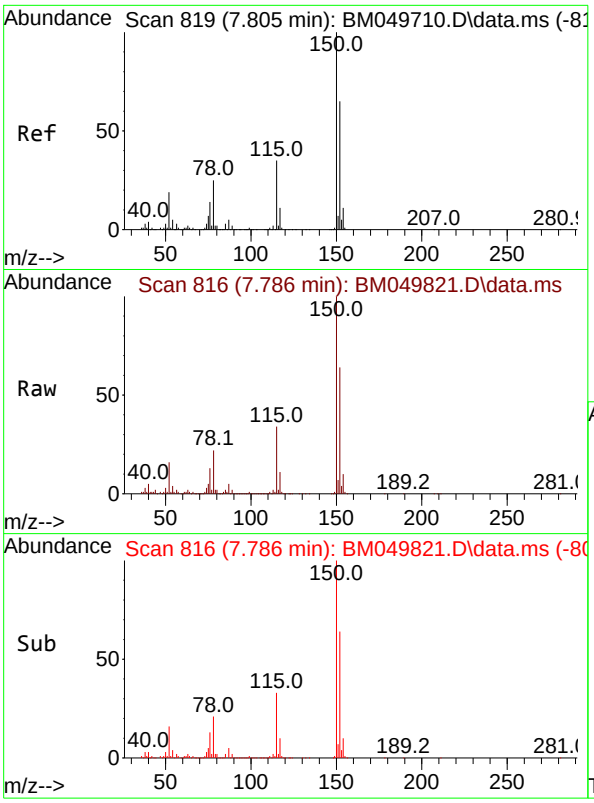


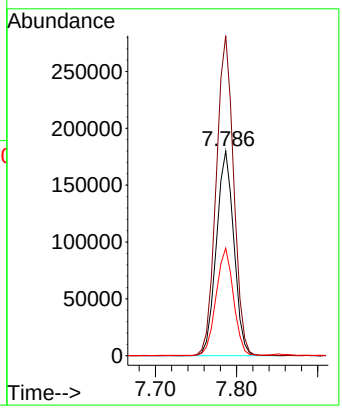


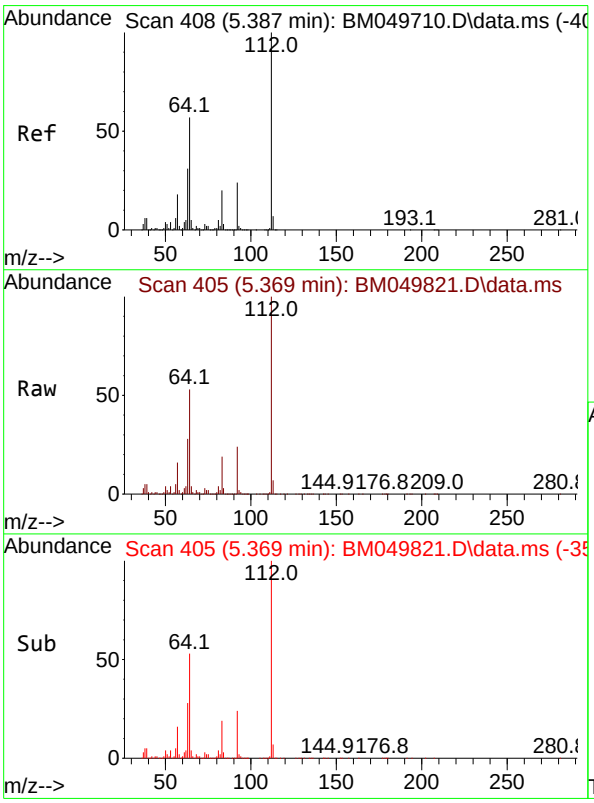
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.786 min Scan# 81
Delta R.T. -0.019 min
Lab File: BM049821.D
Acq: 04 Apr 2025 13:25

Instrument :
BNA_M
ClientSampleId :
TP-18

Tgt Ion:152 Resp: 270028

Ion	Ratio	Lower	Upper
152	100		
150	156.4	123.8	185.8
115	52.5	43.0	64.6

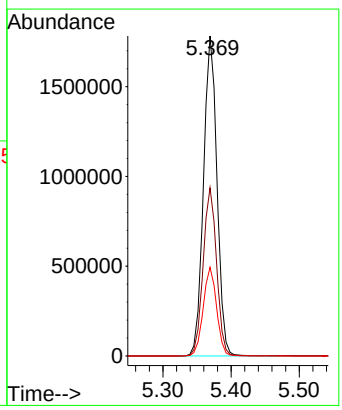


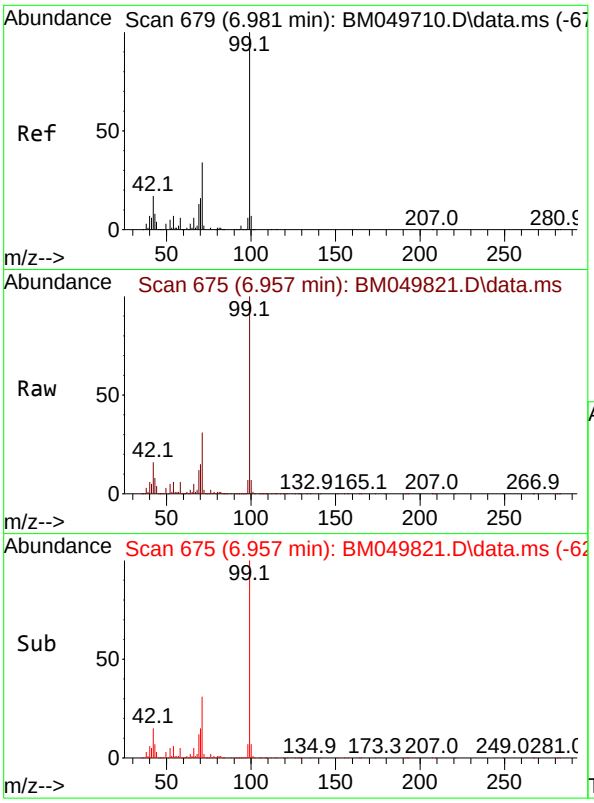


#5
2-Fluorophenol
Concen: 153.297 ng
RT: 5.369 min Scan# 405
Delta R.T. -0.018 min
Lab File: BM049821.D
Acq: 04 Apr 2025 13:25

Tgt Ion:112 Resp: 2453266

Ion	Ratio	Lower	Upper
112	100		
64	52.6	45.3	67.9
63	27.7	24.4	36.6



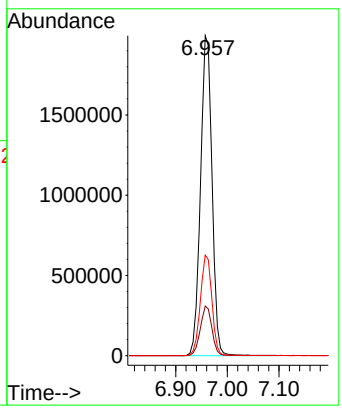


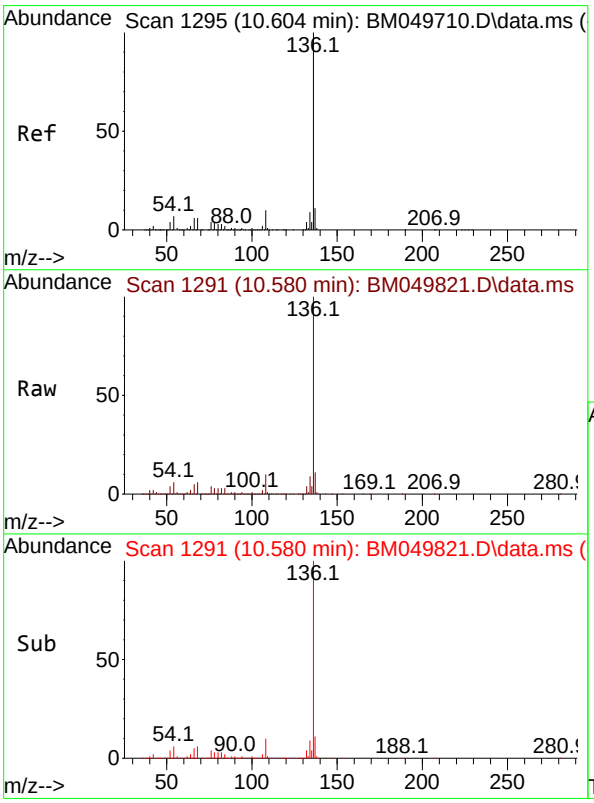
#7
Phenol-d6
Concen: 153.729 ng
RT: 6.957 min Scan# 6
Delta R.T. -0.024 min
Lab File: BM049821.D
Acq: 04 Apr 2025 13:25

Instrument :
BNA_M
ClientSampleId :
TP-18

Tgt Ion: 99 Resp: 3087382

Ion	Ratio	Lower	Upper
99	100		
42	15.5	13.6	20.4
71	31.4	27.0	40.6

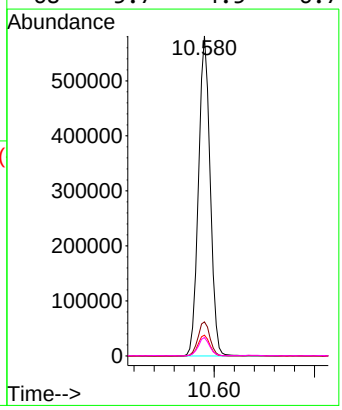


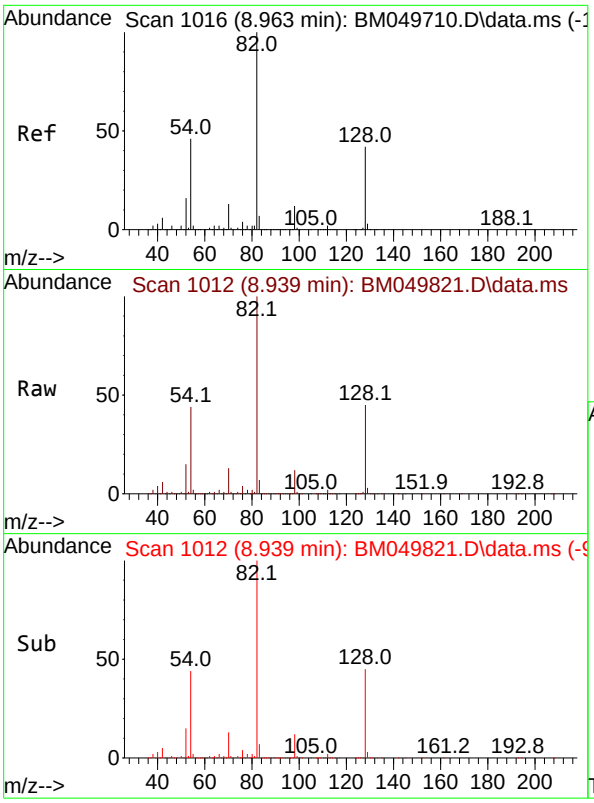


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.580 min Scan# 1291
Delta R.T. -0.024 min
Lab File: BM049821.D
Acq: 04 Apr 2025 13:25

Tgt Ion:136 Resp: 940458

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	6.5	5.8	8.8
68	5.7	4.5	6.7



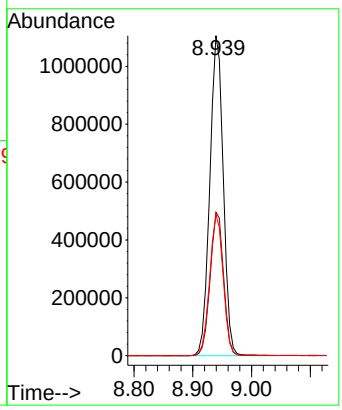


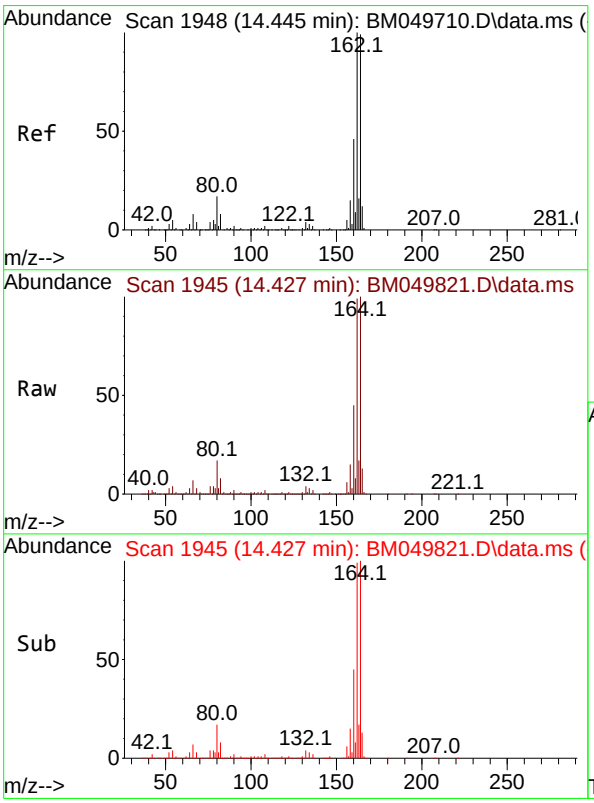
#23
Nitrobenzene-d5
Concen: 96.283 ng
RT: 8.939 min Scan# 1(
Delta R.T. -0.024 min
Lab File: BM049821.D
Acq: 04 Apr 2025 13:25

Instrument :
BNA_M
ClientSampleId :
TP-18

Tgt Ion: 82 Resp: 1763675

Ion	Ratio	Lower	Upper
82	100		
128	44.8	33.4	50.0
54	44.1	36.4	54.6

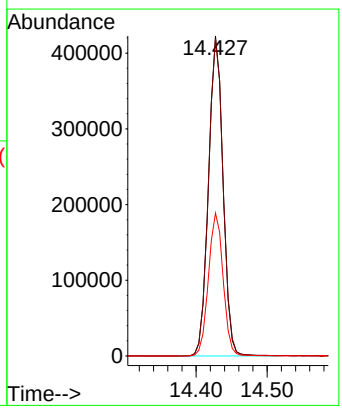


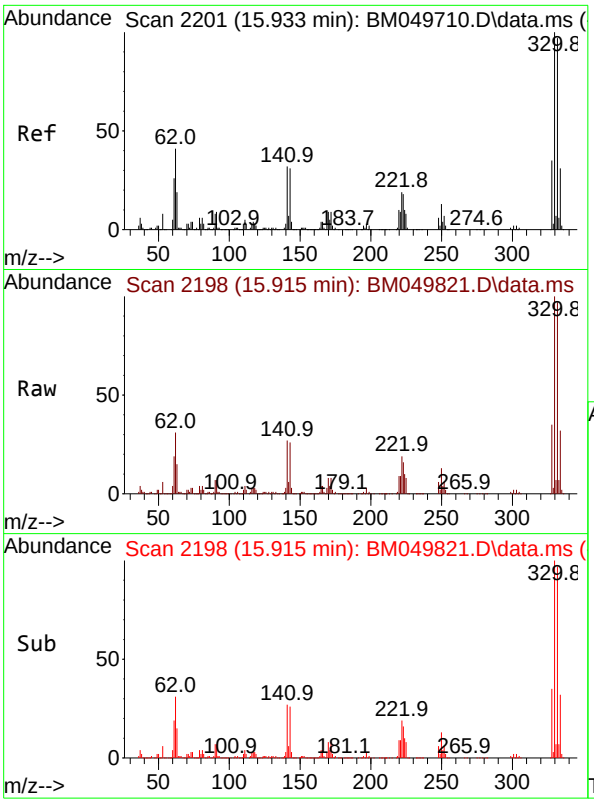


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.427 min Scan# 1945
Delta R.T. -0.018 min
Lab File: BM049821.D
Acq: 04 Apr 2025 13:25

Tgt Ion:164 Resp: 600055

Ion	Ratio	Lower	Upper
164	100		
162	99.1	80.5	120.7
160	44.7	36.9	55.3



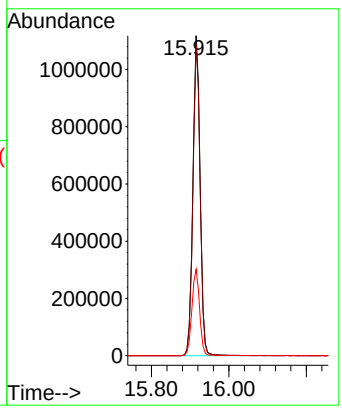


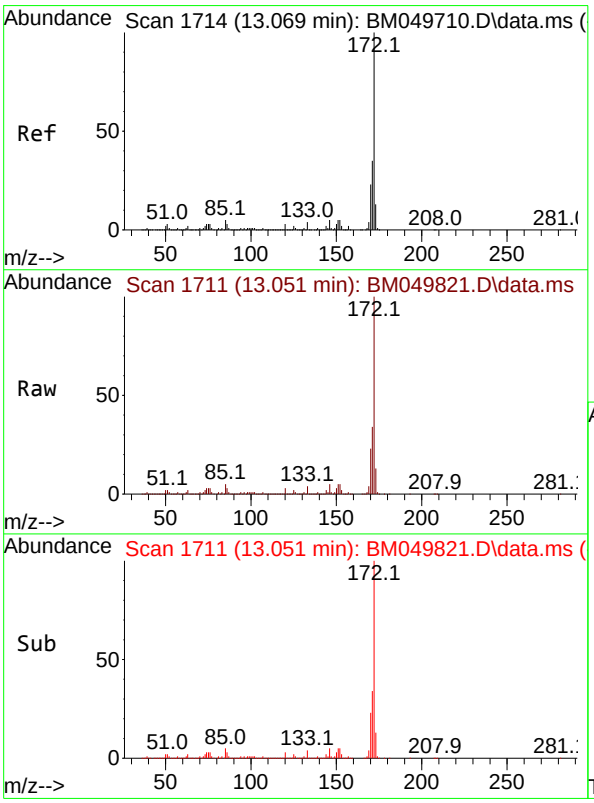
#42
2,4,6-Tribromophenol
Concen: 206.626 ng
RT: 15.915 min Scan# 2
Delta R.T. -0.018 min
Lab File: BM049821.D
Acq: 04 Apr 2025 13:25

Instrument :
BNA_M
ClientSampleId :
TP-18

Tgt Ion:330 Resp: 1447795

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.4
141	28.6	27.8	41.6

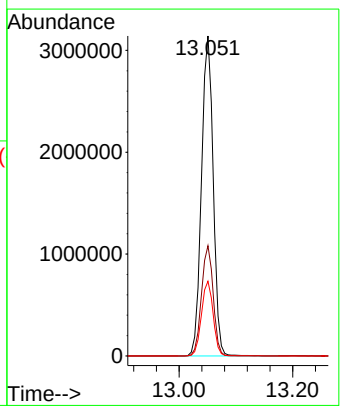


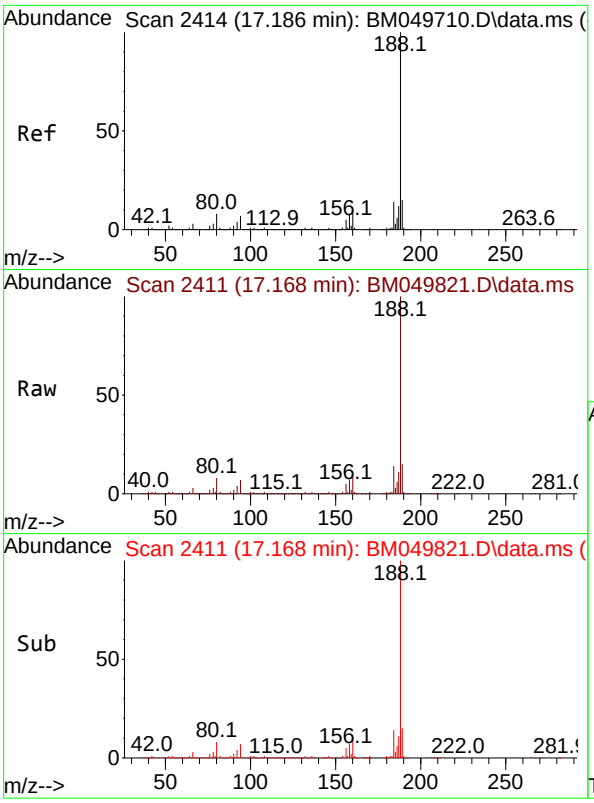


#45
2-Fluorobiphenyl
Concen: 93.798 ng
RT: 13.051 min Scan# 1711
Delta R.T. -0.018 min
Lab File: BM049821.D
Acq: 04 Apr 2025 13:25

Tgt Ion:172 Resp: 4494153

Ion	Ratio	Lower	Upper
172	100		
171	34.5	27.9	41.9
170	23.3	18.6	28.0



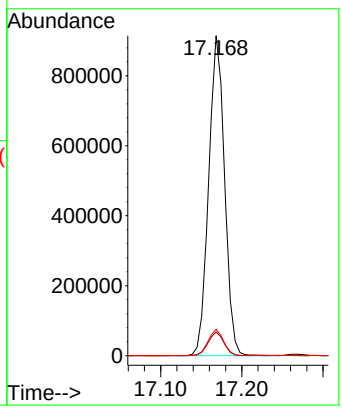


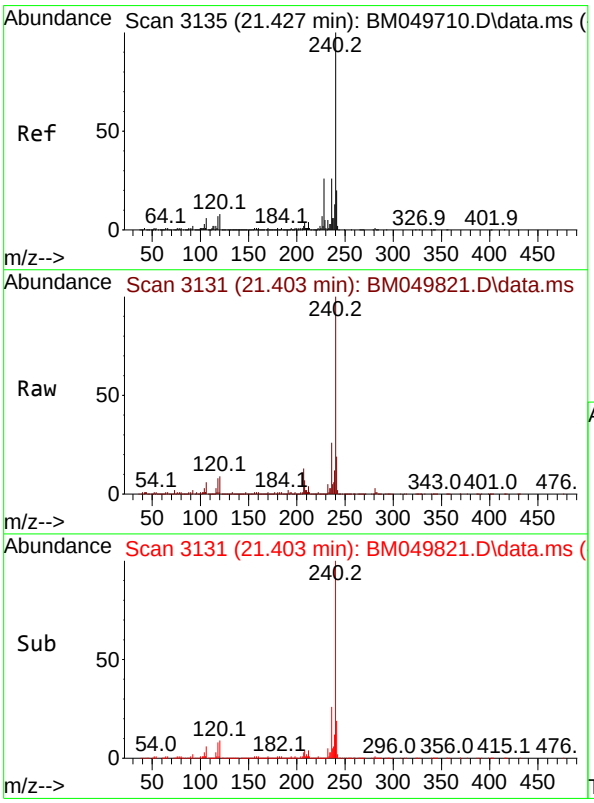
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.168 min Scan# 24
Delta R.T. -0.018 min
Lab File: BM049821.D
Acq: 04 Apr 2025 13:25

Instrument :
BNA_M
ClientSampleId :
TP-18

Tgt Ion:188 Resp: 1243348

Ion	Ratio	Lower	Upper
188	100		
94	7.4	5.8	8.6
80	8.3	6.3	9.5

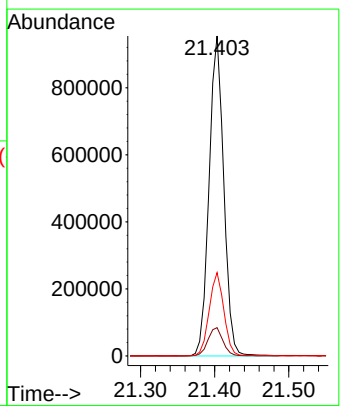


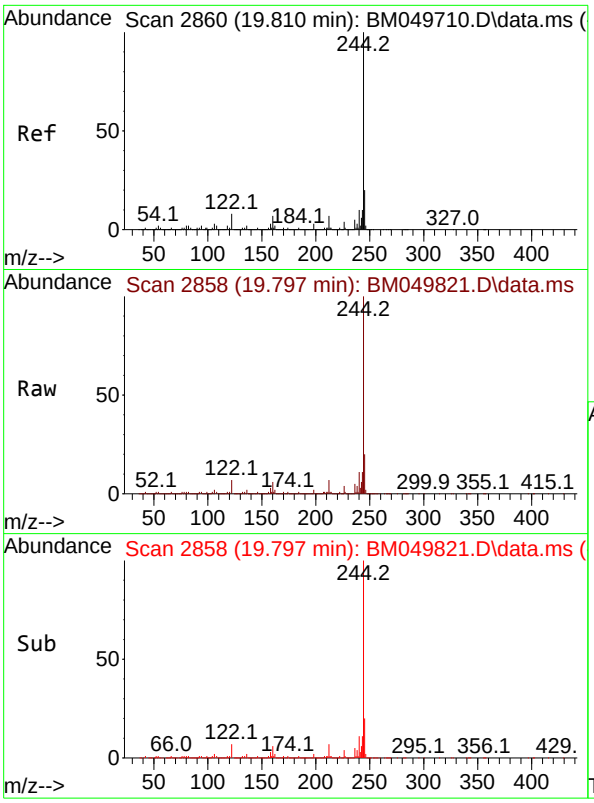


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.403 min Scan# 3131
Delta R.T. -0.024 min
Lab File: BM049821.D
Acq: 04 Apr 2025 13:25

Tgt Ion:240 Resp: 1312999

Ion	Ratio	Lower	Upper
240	100		
120	8.8	6.5	9.7
236	26.1	20.7	31.1



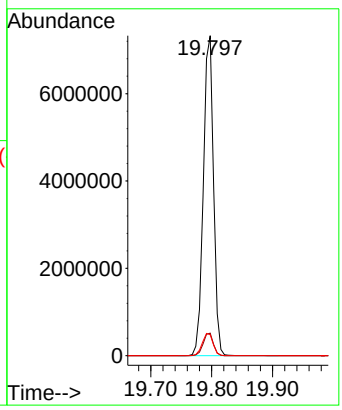


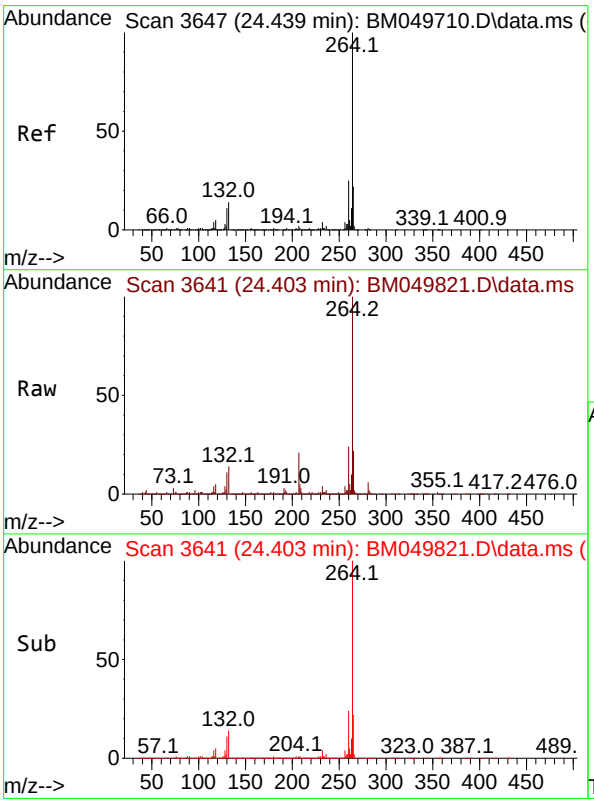
#79
Terphenyl-d14
Concen: 108.946 ng
RT: 19.797 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM049821.D
Acq: 04 Apr 2025 13:25

Instrument :
BNA_M
ClientSampleId :
TP-18

Tgt Ion:244 Resp: 8488795

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.6
122	6.5	6.0	9.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.403 min Scan# 3641
Delta R.T. -0.036 min
Lab File: BM049821.D
Acq: 04 Apr 2025 13:25

Tgt Ion:264 Resp: 1508210

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.6	29.4
265	22.1	18.2	27.2