Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071425\
Data File : BM050445.D
Acq On : 15 Jul 2025 03:31
Operator : RC/JU
Sample : Q2565-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MOO-25-0180

Quant Time: Jul 15 04:35:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	524104	20.000	ng	0.00
21) Naphthalene-d8	10.657	136	1942248	20.000	ng	0.00
39) Acenaphthene-d10	14.498	164	1539851	20.000	ng	# 0.00
64) Phenanthrene-d10	17.286	188	547191	20.000	ng	# 0.06
76) Chrysene-d12	21.450	240	2849037	20.000	ng	# 0.00
86) Perylene-d12	24.468	264	2909724	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1680795	55.202	ng	0.00
7) Phenol-d6	7.022	99	2145324	55.893	ng	0.00
23) Nitrobenzene-d5	9.010	82	1408527	36.999	ng	-0.01
42) 2,4,6-Tribromophenol	15.998	330	979519	52.355	ng	0.02
45) 2-Fluorobiphenyl	13.116	172	4167674	33.424	ng	0.00
79) Terphenyl-d14	19.880	244	5787204	35.740	ng	0.04
Target Compounds						Qvalue
46) 1,1'-Biphenyl	13.327	154	271915	2.380	ng	84

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

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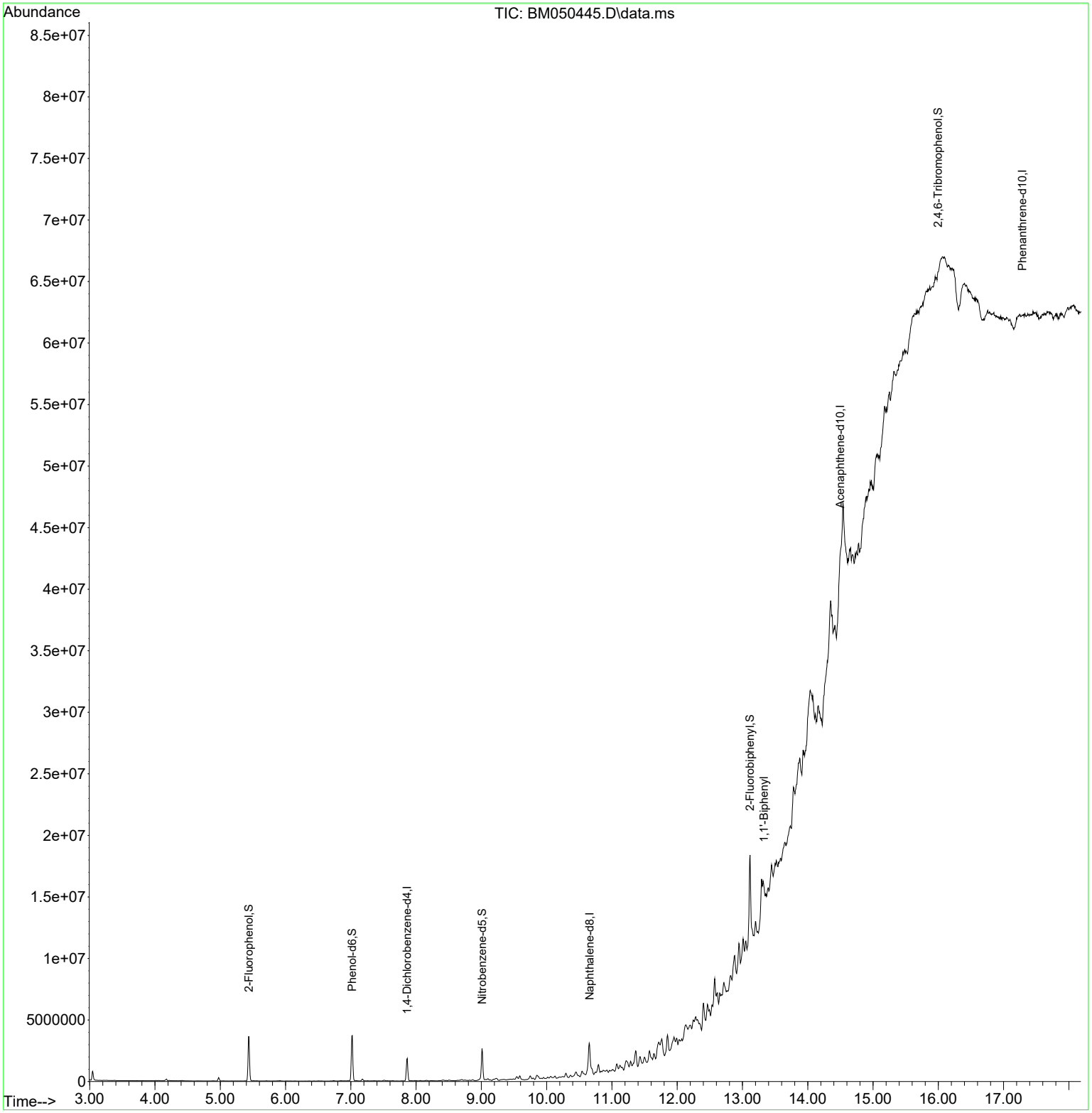

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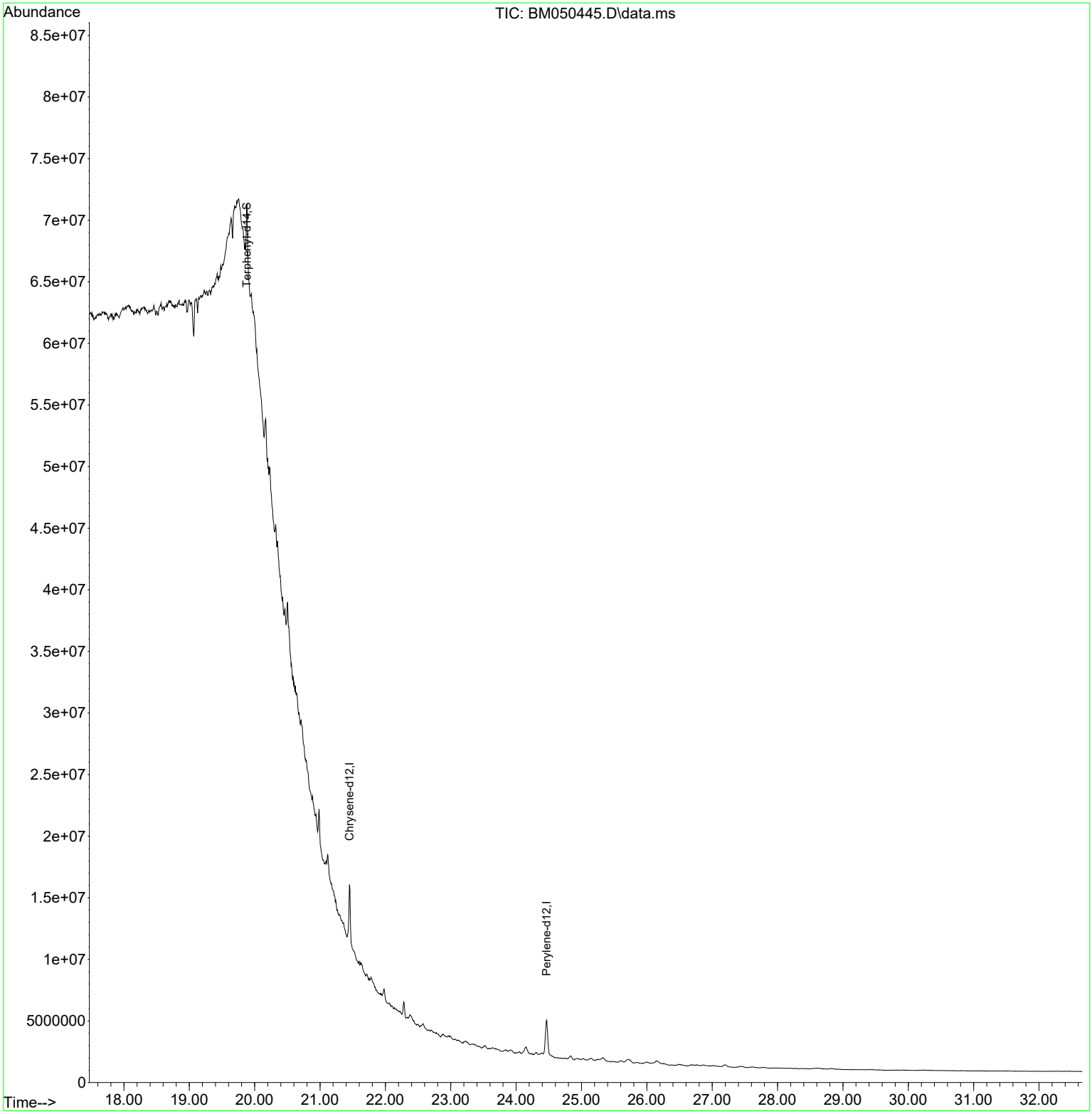
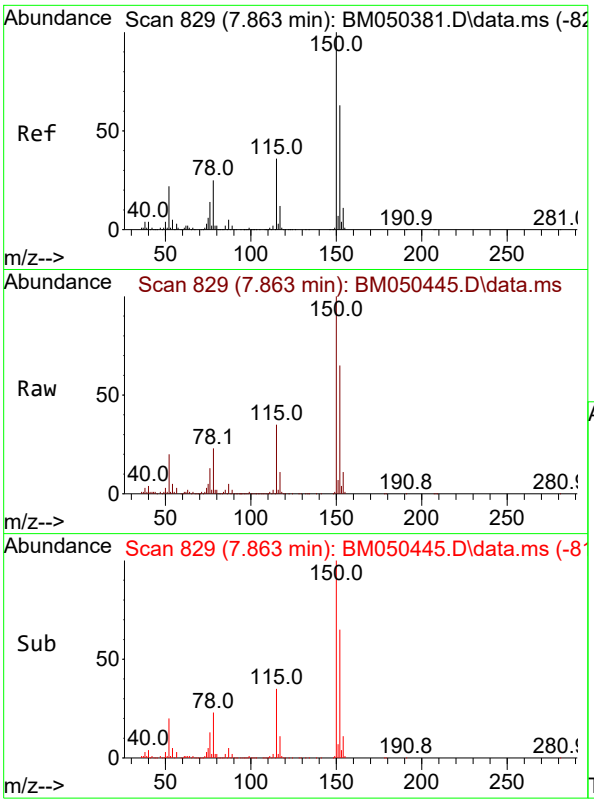


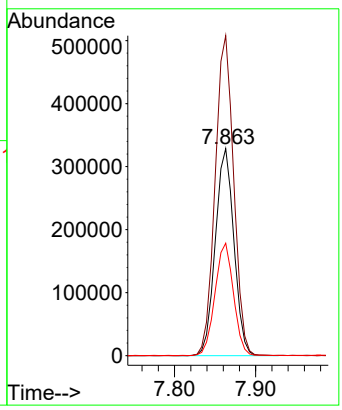


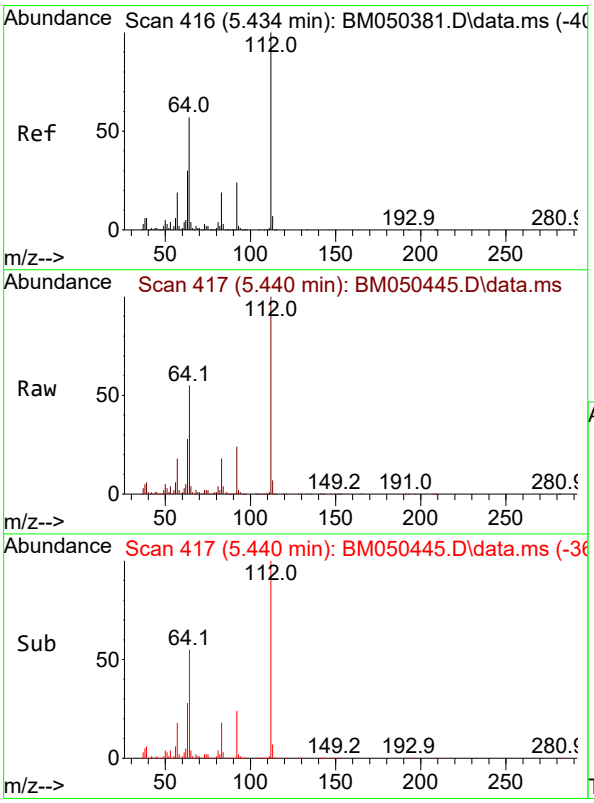
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 8
Delta R.T. -0.000 min
Lab File: BM050445.D
Acq: 15 Jul 2025 03:31

Instrument :
BNA_M
ClientSampleId :
MOO-25-0180

Tgt Ion:152 Resp: 524104

Ion	Ratio	Lower	Upper
152	100		
150	154.6	126.2	189.4
115	54.4	45.8	68.8

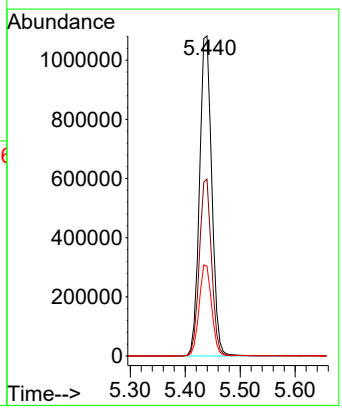


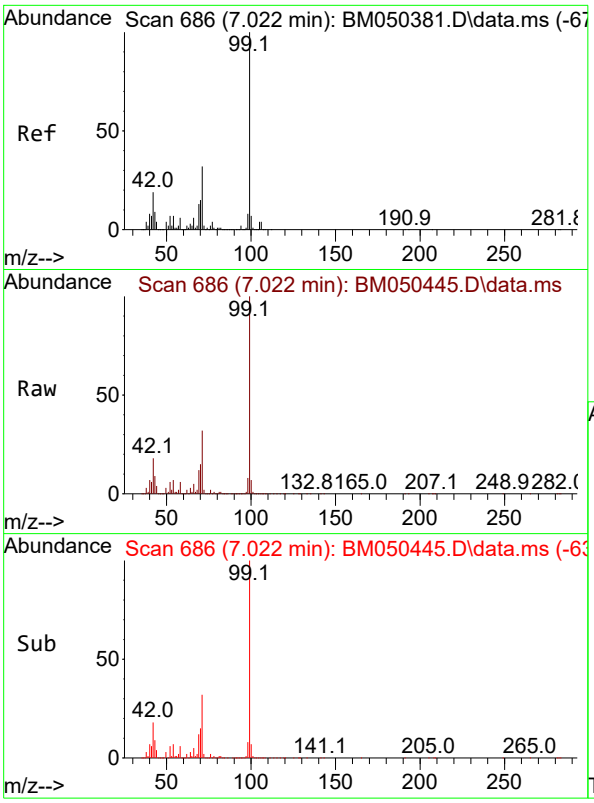


#5
2-Fluorophenol
Concen: 55.202 ng
RT: 5.440 min Scan# 417
Delta R.T. 0.006 min
Lab File: BM050445.D
Acq: 15 Jul 2025 03:31

Tgt Ion:112 Resp: 1680795

Ion	Ratio	Lower	Upper
112	100		
64	55.2	45.5	68.3
63	28.1	24.2	36.4



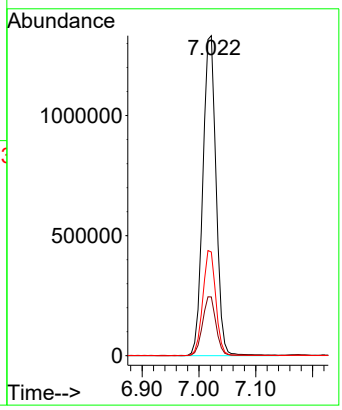


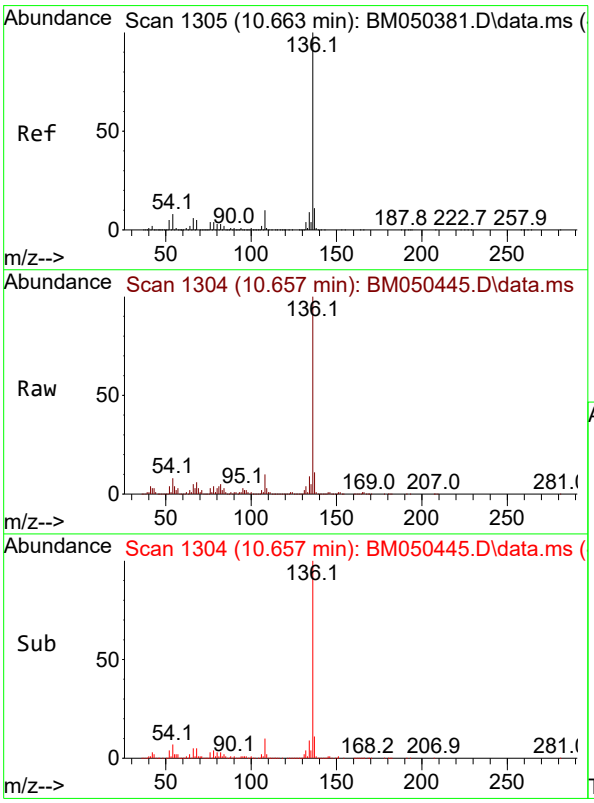
#7
Phenol-d6
Concen: 55.893 ng
RT: 7.022 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM050445.D
Acq: 15 Jul 2025 03:31

Instrument :
BNA_M
ClientSampleId :
MOO-25-0180

Tgt Ion: 99 Resp: 2145324

Ion	Ratio	Lower	Upper
99	100		
42	18.3	15.0	22.6
71	32.4	25.9	38.9

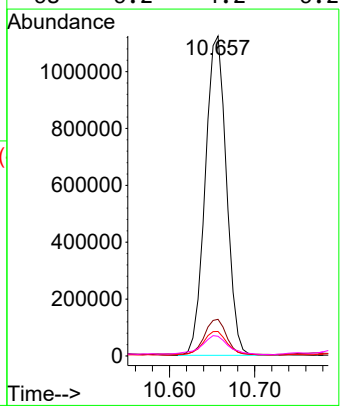


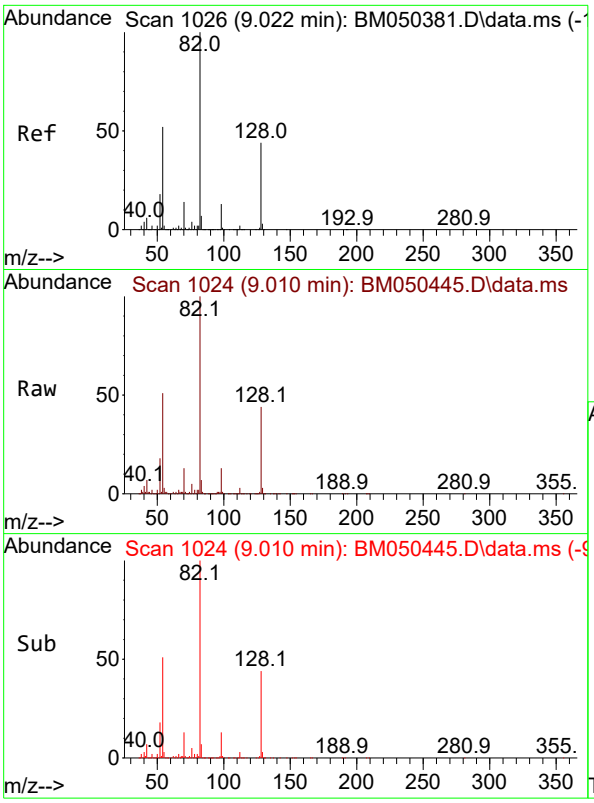


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.657 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BM050445.D
Acq: 15 Jul 2025 03:31

Tgt Ion:136 Resp: 1942248

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.8	13.2
54	7.7	6.3	9.5
68	6.2	4.2	6.2



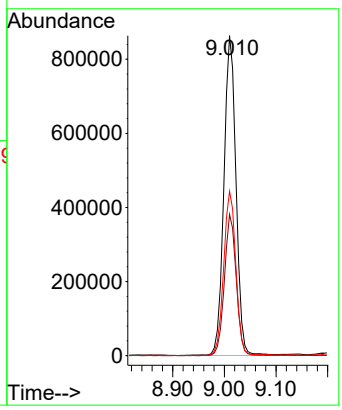


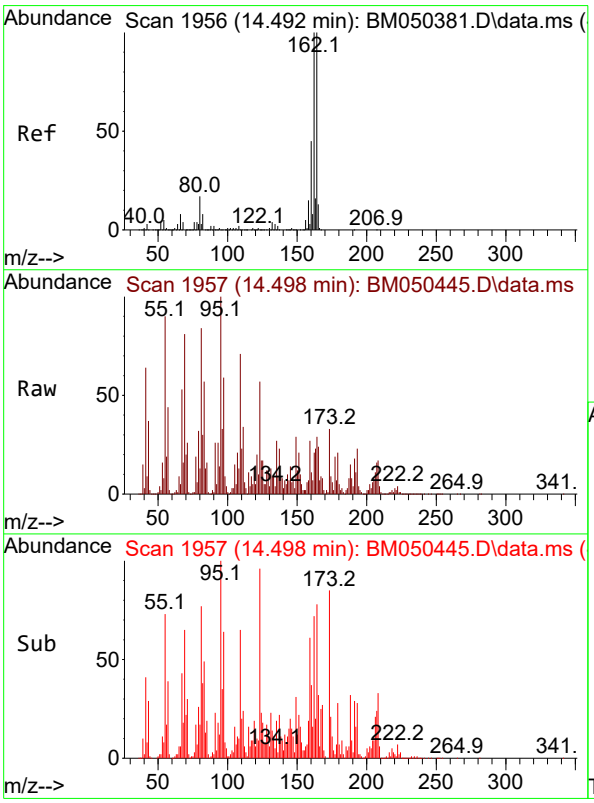
#23
Nitrobenzene-d5
Concen: 36.999 ng
RT: 9.010 min Scan# 1(
Delta R.T. -0.012 min
Lab File: BM050445.D
Acq: 15 Jul 2025 03:31

Instrument :
BNA_M
ClientSampleId :
MOO-25-0180

Tgt Ion: 82 Resp: 1408527

Ion	Ratio	Lower	Upper
82	100		
128	44.2	35.2	52.8
54	51.4	41.5	62.3

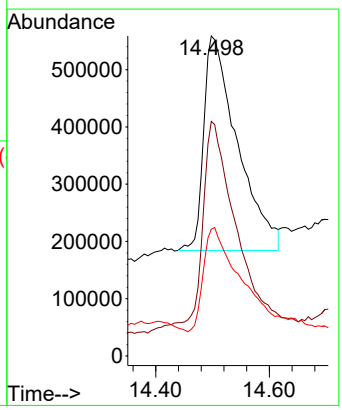


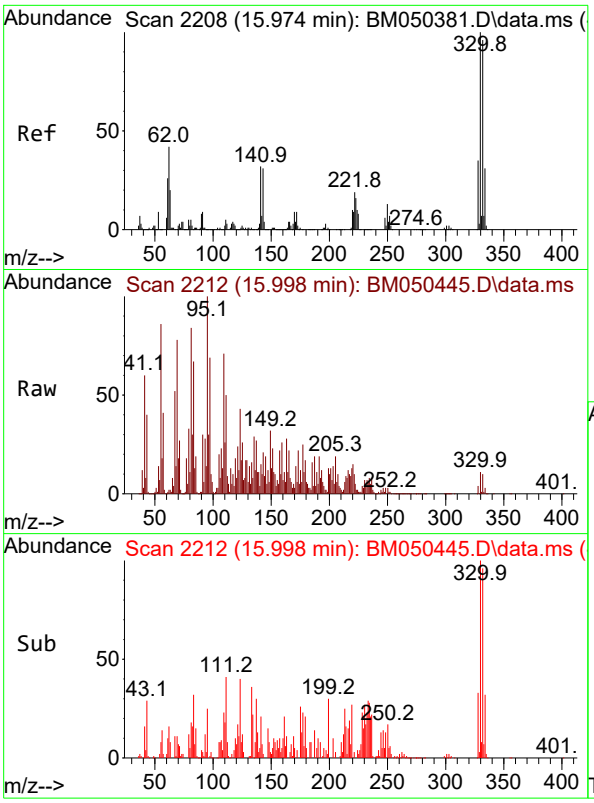


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.498 min Scan# 1957
Delta R.T. 0.006 min
Lab File: BM050445.D
Acq: 15 Jul 2025 03:31

Tgt Ion:164 Resp: 1539851

Ion	Ratio	Lower	Upper
164	100		
162	73.3	79.9	119.9#
160	39.6	36.2	54.4



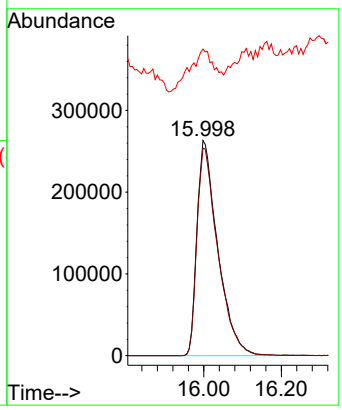


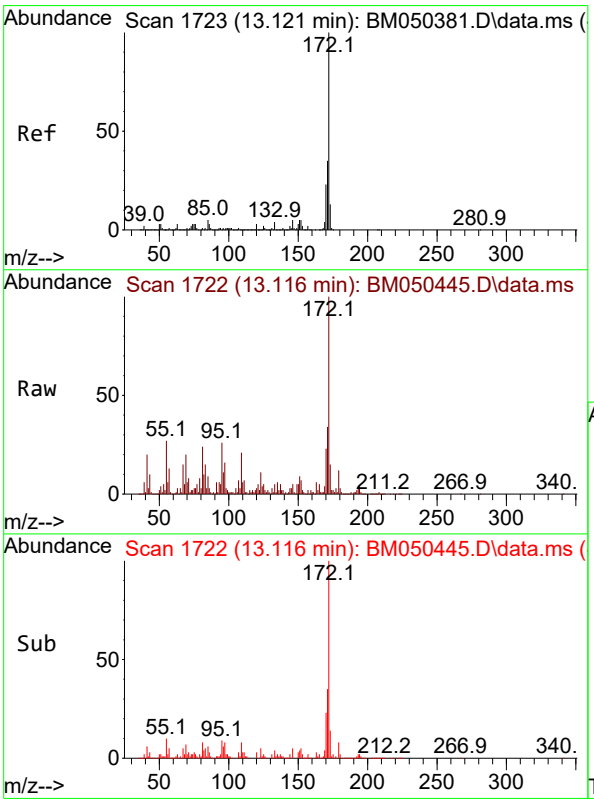
#42
2,4,6-Tribromophenol
Concen: 52.355 ng
RT: 15.998 min Scan# 2
Delta R.T. 0.024 min
Lab File: BM050445.D
Acq: 15 Jul 2025 03:31

Instrument :
BNA_M
ClientSampleId :
MOO-25-0180

Tgt Ion:330 Resp: 979519

Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.9	115.3
141	24.2	27.4	41.0#

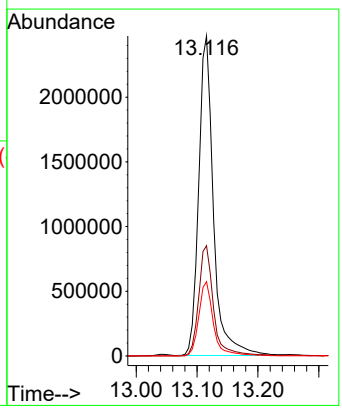


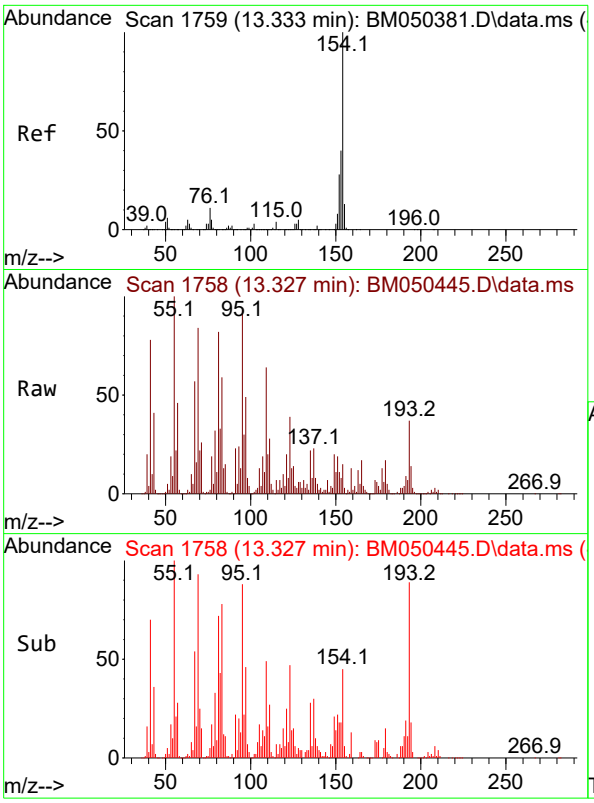


#45
2-Fluorobiphenyl
Concen: 33.424 ng
RT: 13.116 min Scan# 1722
Delta R.T. -0.006 min
Lab File: BM050445.D
Acq: 15 Jul 2025 03:31

Tgt Ion:172 Resp: 4167674

Ion	Ratio	Lower	Upper
172	100		
171	34.5	27.7	41.5
170	23.2	18.8	28.2



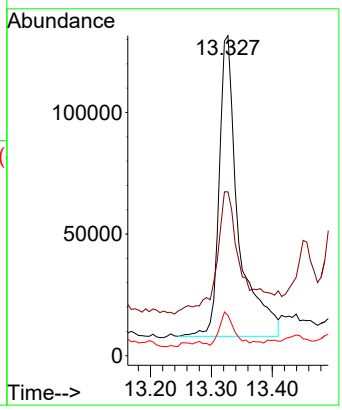


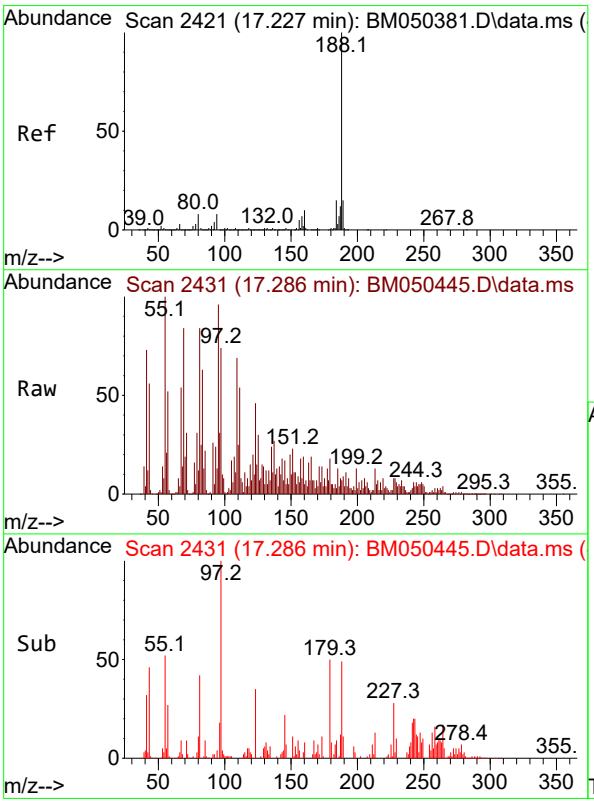
#46
1,1'-Biphenyl
Concen: 2.380 ng
RT: 13.327 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050445.D
Acq: 15 Jul 2025 03:31

Instrument :
BNA_M
ClientSampleId :
MOO-25-0180

Tgt Ion:154 Resp: 271915

Ion	Ratio	Lower	Upper
154	100		
153	51.2	19.7	59.7
76	12.6	0.0	30.9

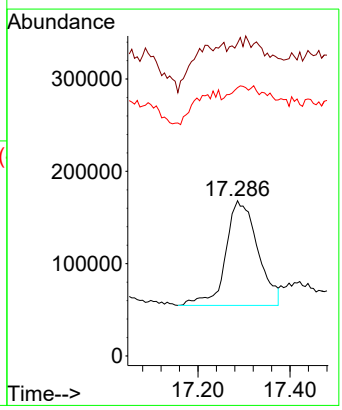


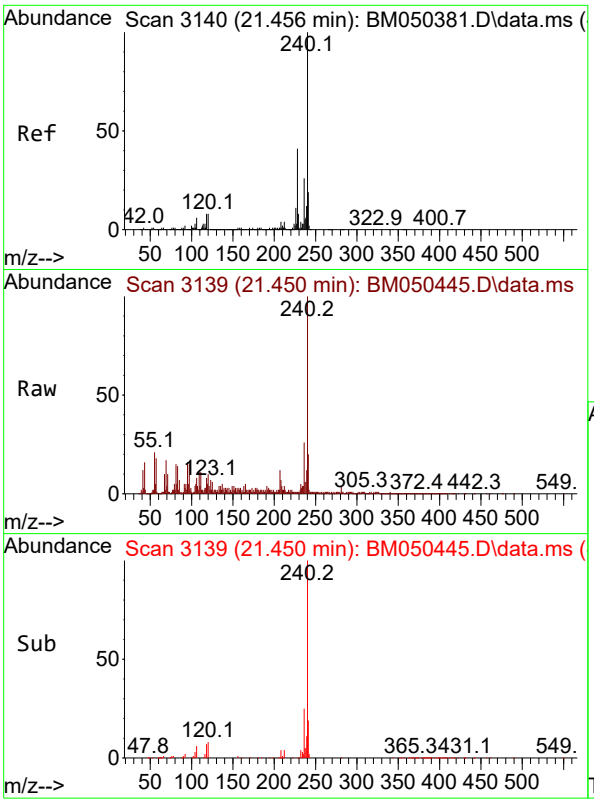


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.286 min Scan# 2431
Delta R.T. 0.059 min
Lab File: BM050445.D
Acq: 15 Jul 2025 03:31

Tgt Ion:188 Resp: 547191

Ion	Ratio	Lower	Upper
188	100		
94	201.6	6.0	9.0#
80	172.9	6.5	9.7#



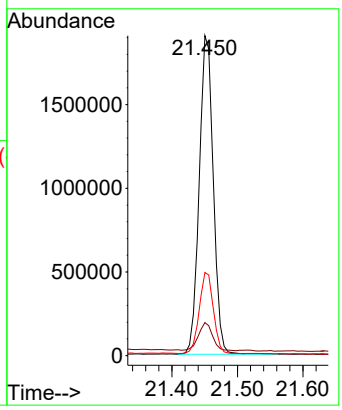


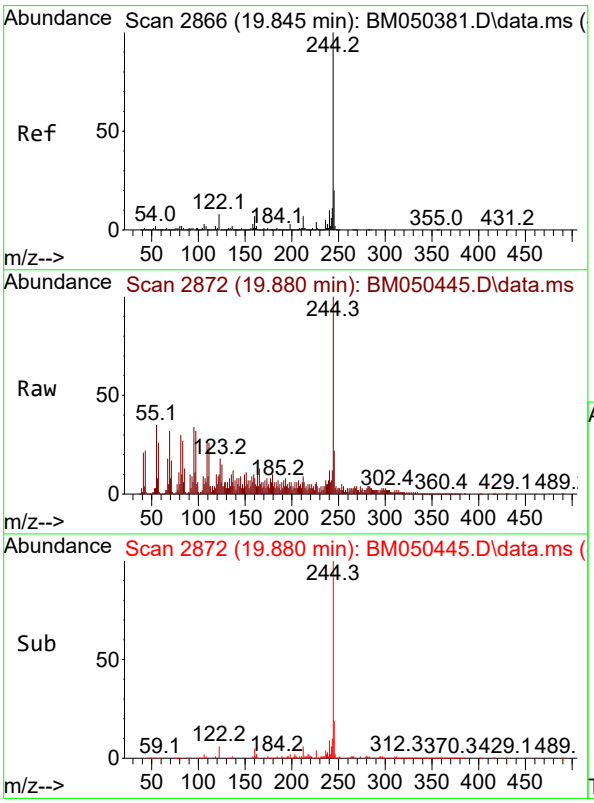
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.450 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM050445.D
Acq: 15 Jul 2025 03:31

Instrument :
BNA_M
ClientSampleId :
MOO-25-0180

Tgt Ion:240 Resp: 2849037

Ion	Ratio	Lower	Upper
240	100		
120	10.4	6.7	10.1#
236	26.0	20.7	31.1

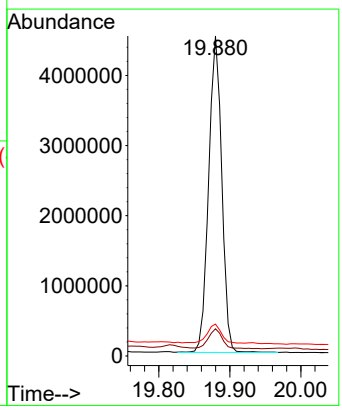


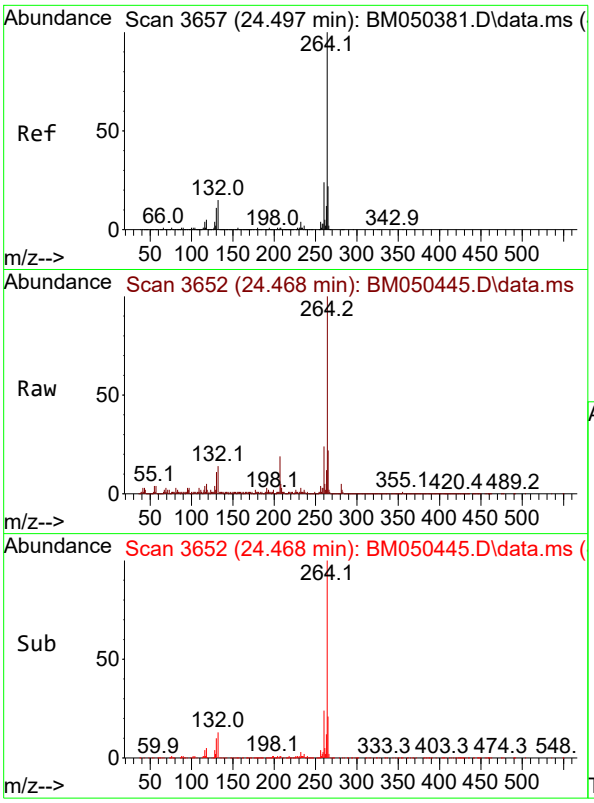


#79
Terphenyl-d14
Concen: 35.740 ng
RT: 19.880 min Scan# 2872
Delta R.T. 0.035 min
Lab File: BM050445.D
Acq: 15 Jul 2025 03:31

Tgt Ion:244 Resp: 5787204

Ion	Ratio	Lower	Upper
244	100		
212	8.5	5.7	8.5
122	9.9	6.2	9.2#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.468 min Scan# 3
Delta R.T. -0.029 min
Lab File: BM050445.D
Acq: 15 Jul 2025 03:31

Instrument :
BNA_M
ClientSampleId :
MOO-25-0180

Tgt Ion:264 Resp: 2909724

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.9	17.8	26.6