Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040125\
Data File : BM049780.D
Acq On : 01 Apr 2025 18:46
Operator : RC/JU
Sample : Q1671-04RE
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-1RE

Quant Time: Apr 02 01:03:18 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	7.792	152	324990	20.000	ng	-0.01
21) Naphthalene-d8	10.586	136	1140691	20.000	ng	-0.02
39) Acenaphthene-d10	14.433	164	744340	20.000	ng	-0.01
64) Phenanthrene-d10	17.174	188	1372322	20.000	ng	-0.01
76) Chrysene-d12	21.403	240	975005	20.000	ng	-0.02
86) Perylene-d12	24.409	264	815131	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	3190809	165.665	ng	0.00
7) Phenol-d6	6.969	99	3906836	161.632	ng	-0.01
23) Nitrobenzene-d5	8.951	82	2383565	107.283	ng	-0.01
42) 2,4,6-Tribromophenol	15.921	330	1649620	189.793	ng	-0.01
45) 2-Fluorobiphenyl	13.057	172	6205021	104.402	ng	-0.01
79) Terphenyl-d14	19.797	244	8460958	146.233	ng	-0.01
Target Compounds						Qvalue

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

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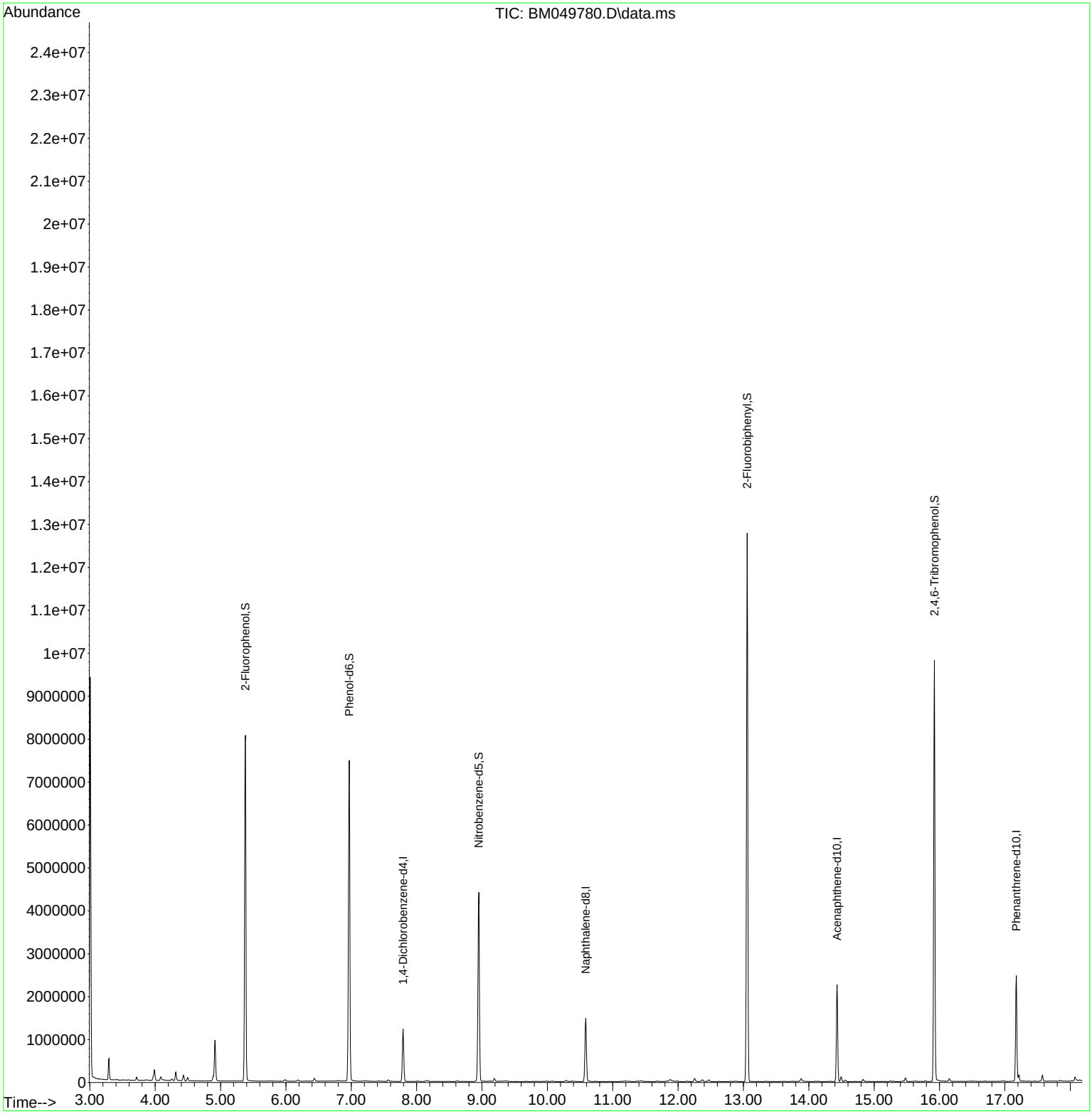

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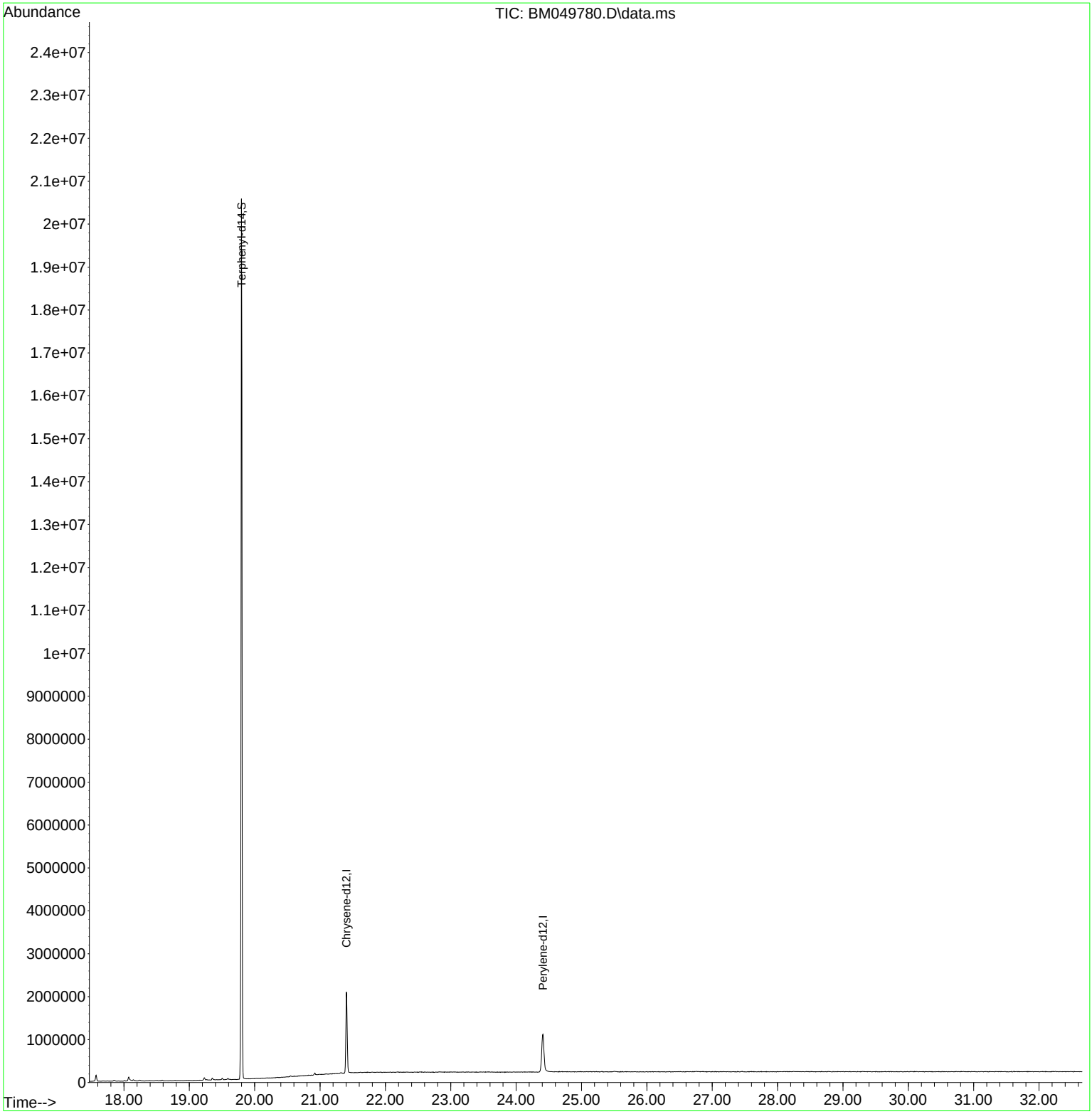
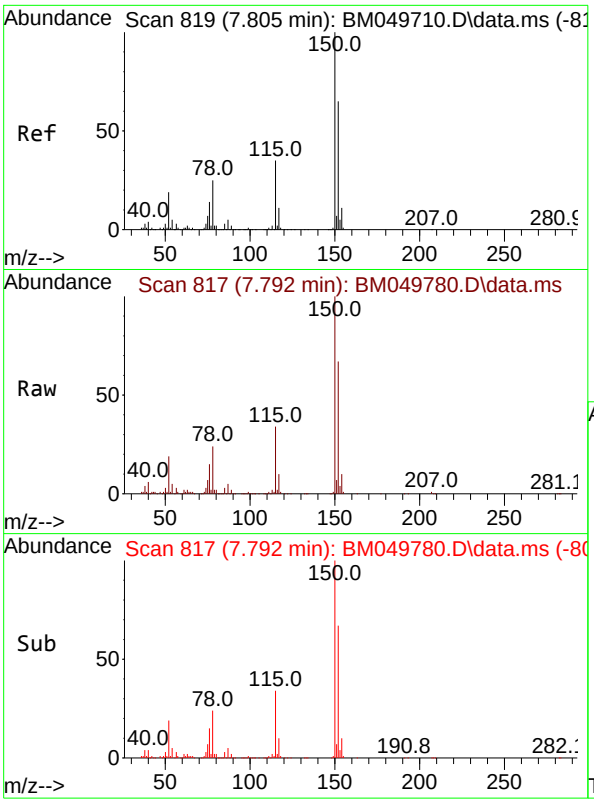


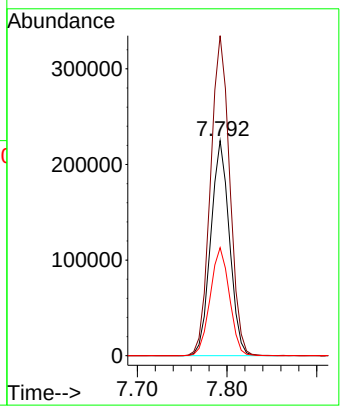


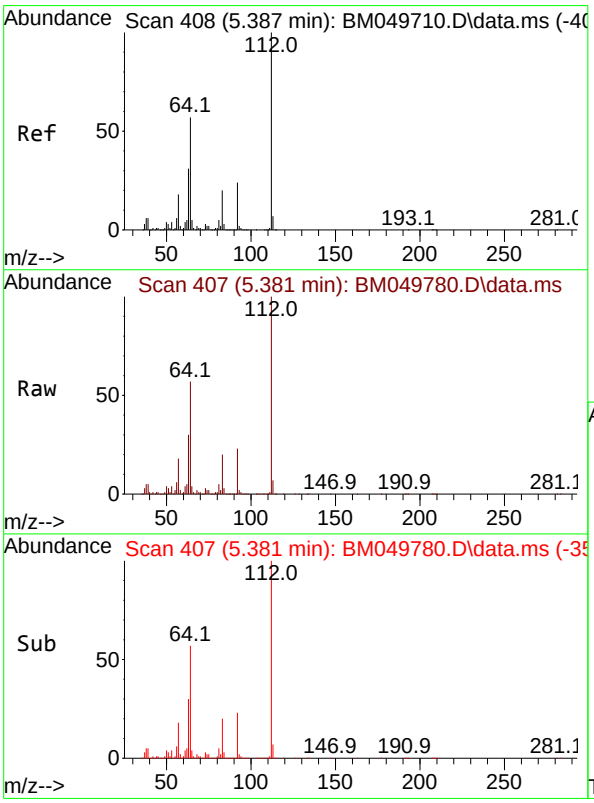
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.792 min Scan# 81
Delta R.T. -0.013 min
Lab File: BM049780.D
Acq: 01 Apr 2025 18:46

Instrument :
BNA_M
ClientSampleId :
WC-1RE

Tgt Ion:152 Resp: 324990

Ion	Ratio	Lower	Upper
152	100		
150	148.8	123.8	185.8
115	50.2	43.0	64.6

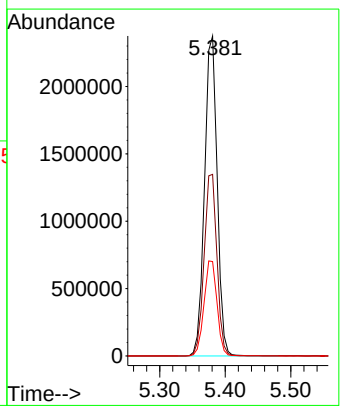


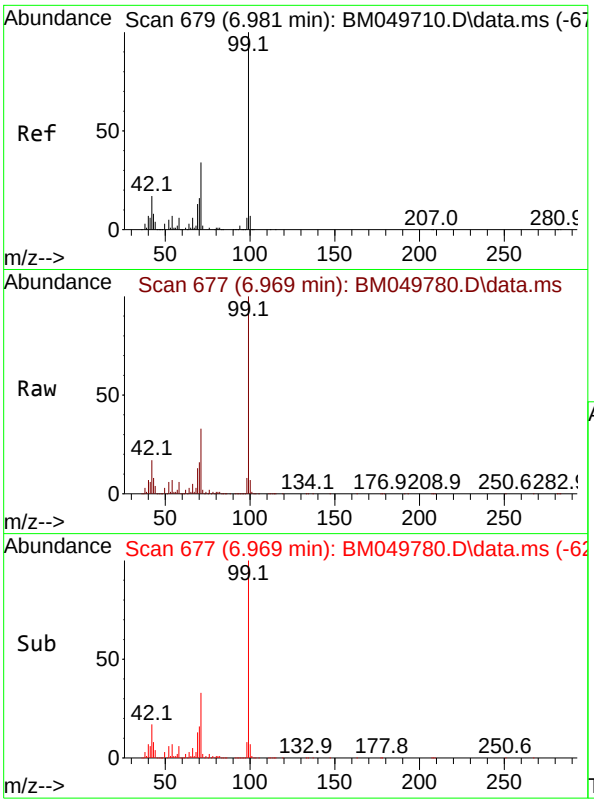


#5
2-Fluorophenol
Concen: 165.665 ng
RT: 5.381 min Scan# 407
Delta R.T. -0.006 min
Lab File: BM049780.D
Acq: 01 Apr 2025 18:46

Tgt Ion:112 Resp: 3190809

Ion	Ratio	Lower	Upper
112	100		
64	56.7	45.3	67.9
63	29.5	24.4	36.6



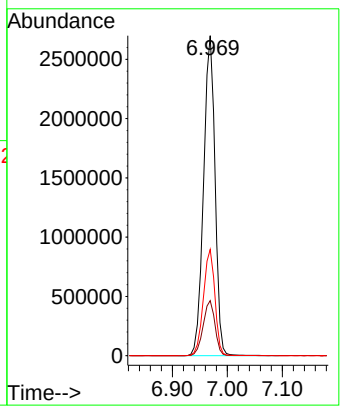


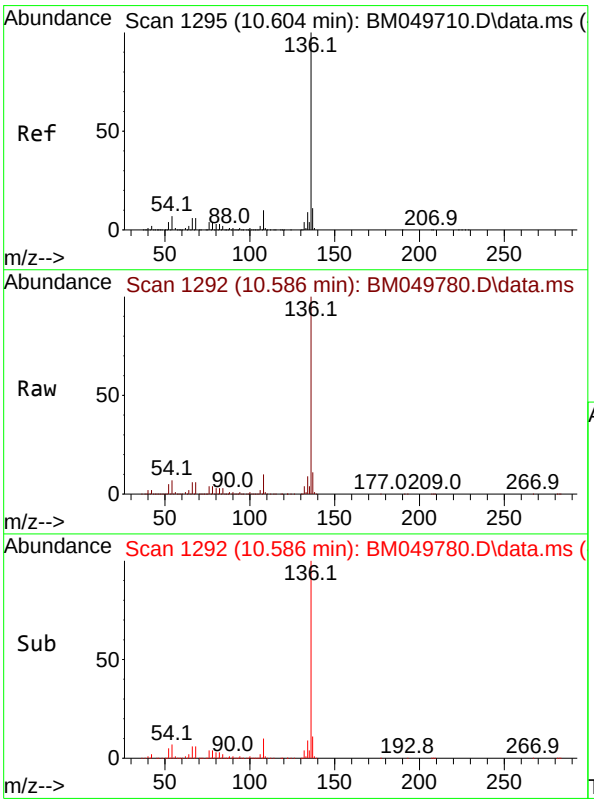
#7
Phenol-d6
Concen: 161.632 ng
RT: 6.969 min Scan# 6
Delta R.T. -0.012 min
Lab File: BM049780.D
Acq: 01 Apr 2025 18:46

Instrument :
BNA_M
ClientSampleId :
WC-1RE

Tgt Ion: 99 Resp: 3906836

Ion	Ratio	Lower	Upper
99	100		
42	17.2	13.6	20.4
71	33.2	27.0	40.6

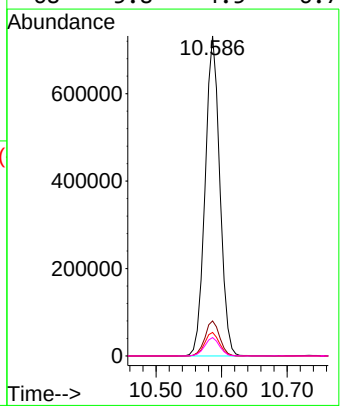


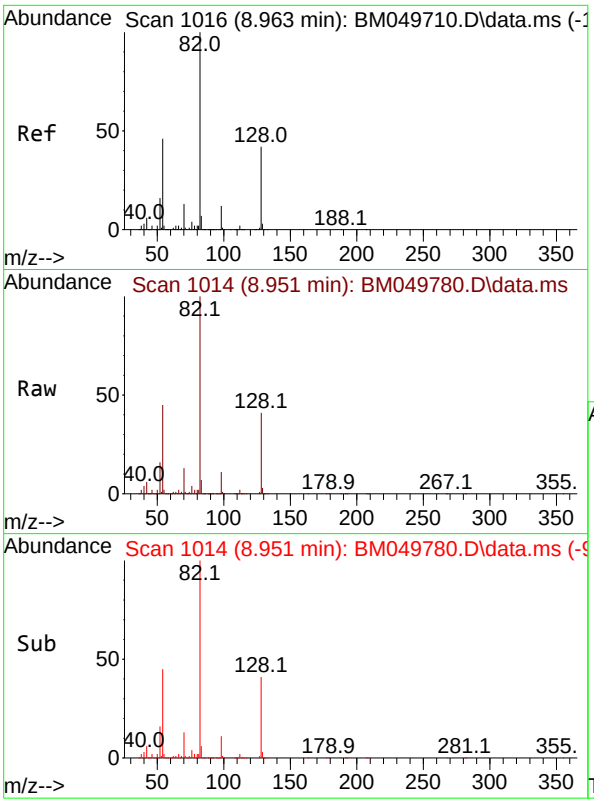


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.586 min Scan# 1292
Delta R.T. -0.018 min
Lab File: BM049780.D
Acq: 01 Apr 2025 18:46

Tgt Ion:136 Resp: 1140691

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	7.4	5.8	8.8
68	5.8	4.5	6.7



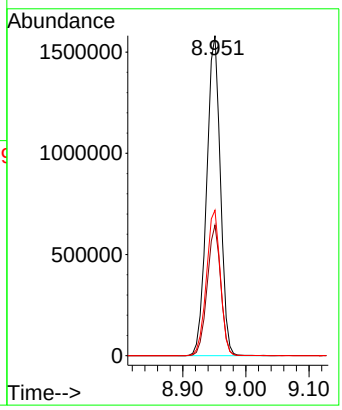


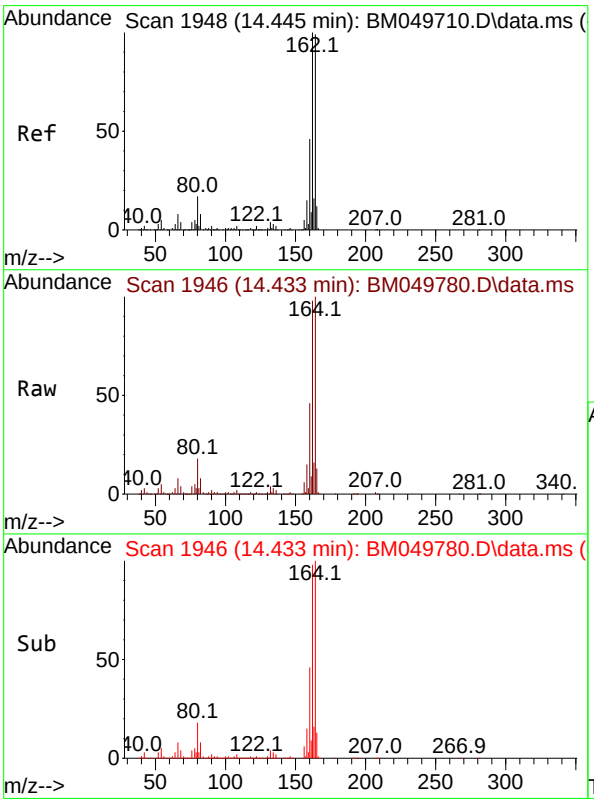
#23
Nitrobenzene-d5
Concen: 107.283 ng
RT: 8.951 min Scan# 1(
Delta R.T. -0.012 min
Lab File: BM049780.D
Acq: 01 Apr 2025 18:46

Instrument :
BNA_M
ClientSampleId :
WC-1RE

Tgt Ion: 82 Resp: 2383565

Ion	Ratio	Lower	Upper
82	100		
128	40.8	33.4	50.0
54	45.5	36.4	54.6

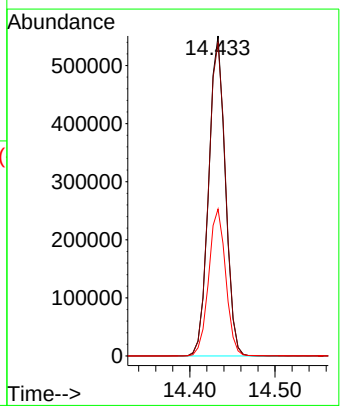


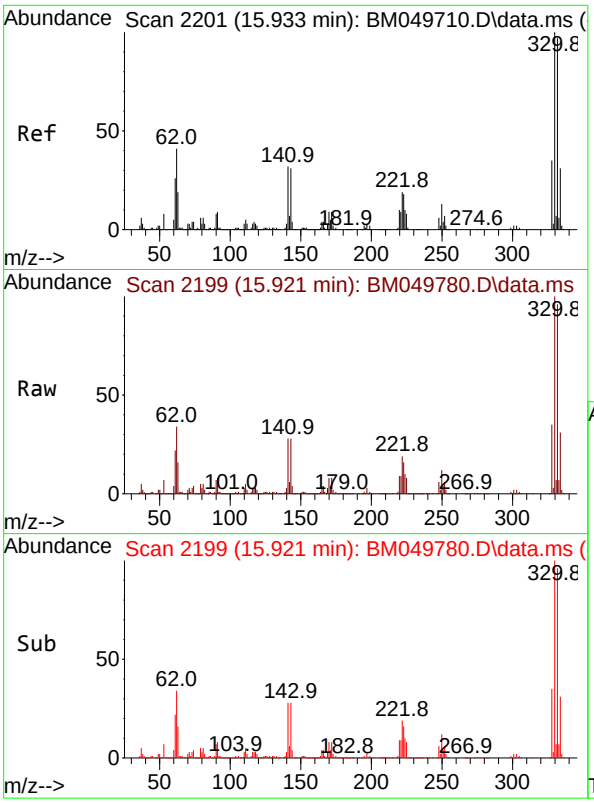


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.433 min Scan# 1946
Delta R.T. -0.012 min
Lab File: BM049780.D
Acq: 01 Apr 2025 18:46

Tgt Ion:164 Resp: 744340

Ion	Ratio	Lower	Upper
164	100		
162	97.9	80.5	120.7
160	45.9	36.9	55.3



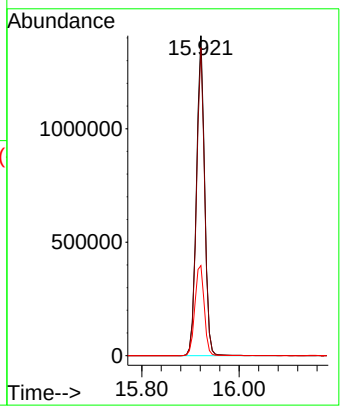


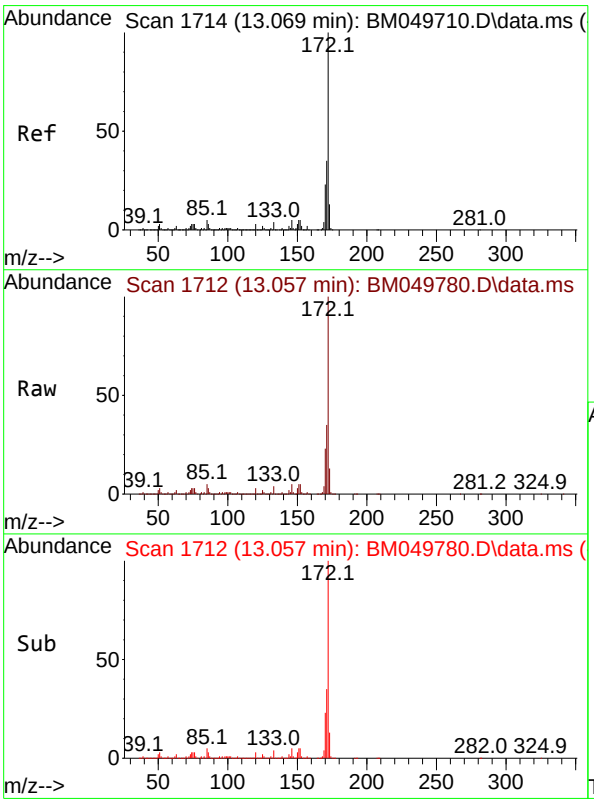
#42
2,4,6-Tribromophenol
Concen: 189.793 ng
RT: 15.921 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM049780.D
Acq: 01 Apr 2025 18:46

Instrument :
BNA_M
ClientSampleId :
WC-1RE

Tgt Ion:330 Resp: 1649620

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.4
141	32.4	27.8	41.6

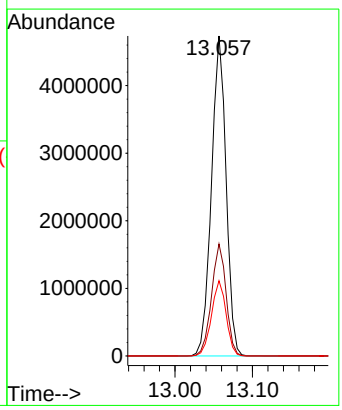


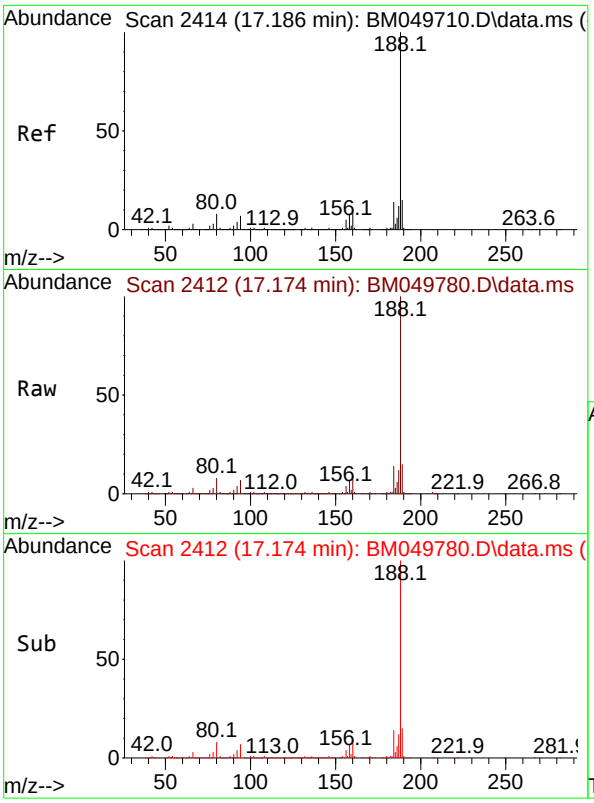


#45
2-Fluorobiphenyl
Concen: 104.402 ng
RT: 13.057 min Scan# 1712
Delta R.T. -0.012 min
Lab File: BM049780.D
Acq: 01 Apr 2025 18:46

Tgt Ion:172 Resp: 6205021

Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.9	41.9
170	23.5	18.6	28.0



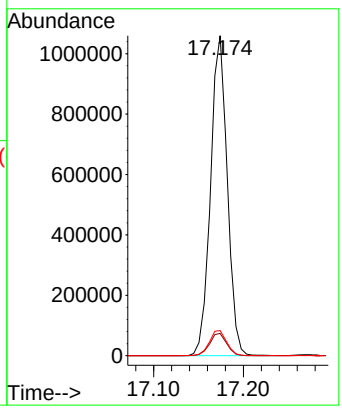


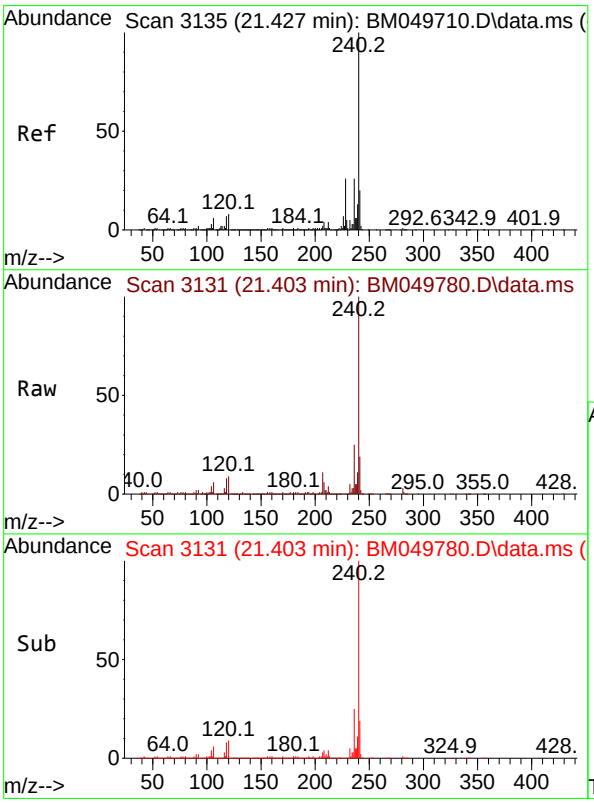
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.174 min Scan# 24
Delta R.T. -0.012 min
Lab File: BM049780.D
Acq: 01 Apr 2025 18:46

Instrument :
BNA_M
ClientSampleId :
WC-1RE

Tgt Ion:188 Resp: 1372322

Ion	Ratio	Lower	Upper
188	100		
94	6.9	5.8	8.6
80	7.8	6.3	9.5

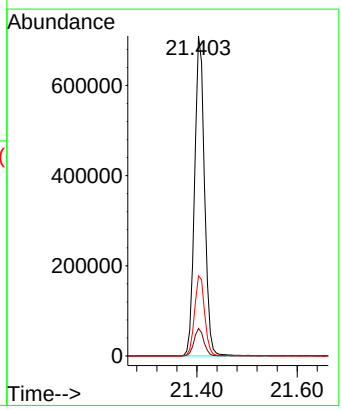


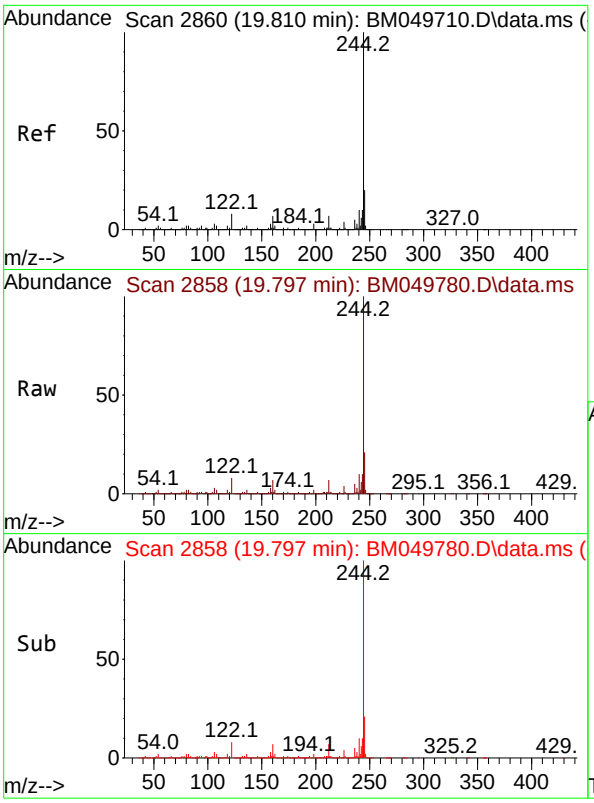


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.403 min Scan# 3131
Delta R.T. -0.024 min
Lab File: BM049780.D
Acq: 01 Apr 2025 18:46

Tgt Ion:240 Resp: 975005

Ion	Ratio	Lower	Upper
240	100		
120	8.6	6.5	9.7
236	25.1	20.7	31.1



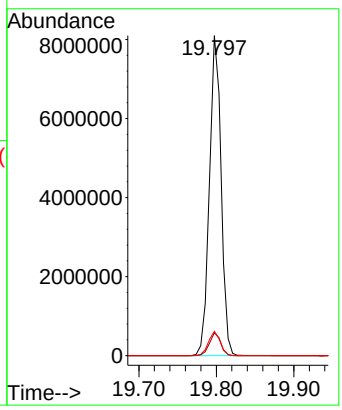


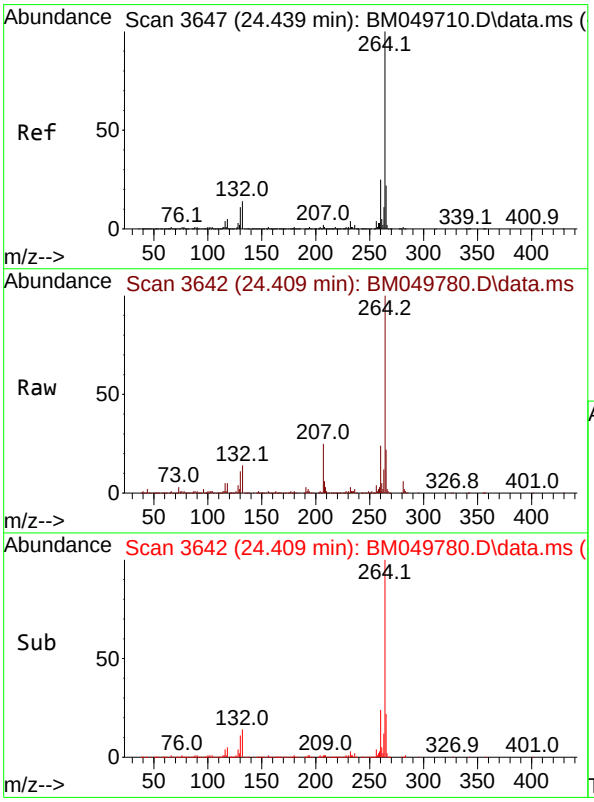
#79
Terphenyl-d14
Concen: 146.233 ng
RT: 19.797 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM049780.D
Acq: 01 Apr 2025 18:46

Instrument :
BNA_M
ClientSampleId :
WC-1RE

Tgt Ion:244 Resp: 8460958

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.6
122	7.6	6.0	9.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.409 min Scan# 3642
Delta R.T. -0.030 min
Lab File: BM049780.D
Acq: 01 Apr 2025 18:46

Tgt Ion:264 Resp: 815131

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.6	29.4
265	22.5	18.2	27.2