Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040225\
Data File : BM049788.D
Acq On : 02 Apr 2025 13:28
Operator : RC/JU
Sample : Q1679-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-9

Quant Time: Apr 02 14:11:16 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	7.787	152	278646	20.000	ng	-0.02
21) Naphthalene-d8	10.581	136	966546	20.000	ng	-0.02
39) Acenaphthene-d10	14.427	164	616799	20.000	ng	-0.02
64) Phenanthrene-d10	17.168	188	1264538	20.000	ng	-0.02
76) Chrysene-d12	21.403	240	1542051	20.000	ng	-0.02
86) Perylene-d12	24.397	264	1525700	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	1780500	107.817	ng	-0.02
7) Phenol-d6	6.957	99	2271782	109.619	ng	-0.02
23) Nitrobenzene-d5	8.940	82	1343882	71.385	ng	-0.02
42) 2,4,6-Tribromophenol	15.916	330	915737	127.144	ng	-0.02
45) 2-Fluorobiphenyl	13.051	172	2967488	60.253	ng	-0.02
79) Terphenyl-d14	19.792	244	4621706	50.505	ng	-0.02
Target Compounds						Qvalue
62) 4-Nitroaniline	15.486	138	517	3.807	ng	# 57
63) Azobenzene	15.786	77	169673	4.441	ng	# 1
81) Benzo(a)anthracene	21.386	228	208182	2.021	ng	100
83) Chrysene	21.445	228	226977	2.325	ng	99
88) Benzo(b)fluoranthene	23.450	252	214650	2.089	ng	# 97
89) Benzo(k)fluoranthene	23.450	252	215527	2.131	ng	97

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

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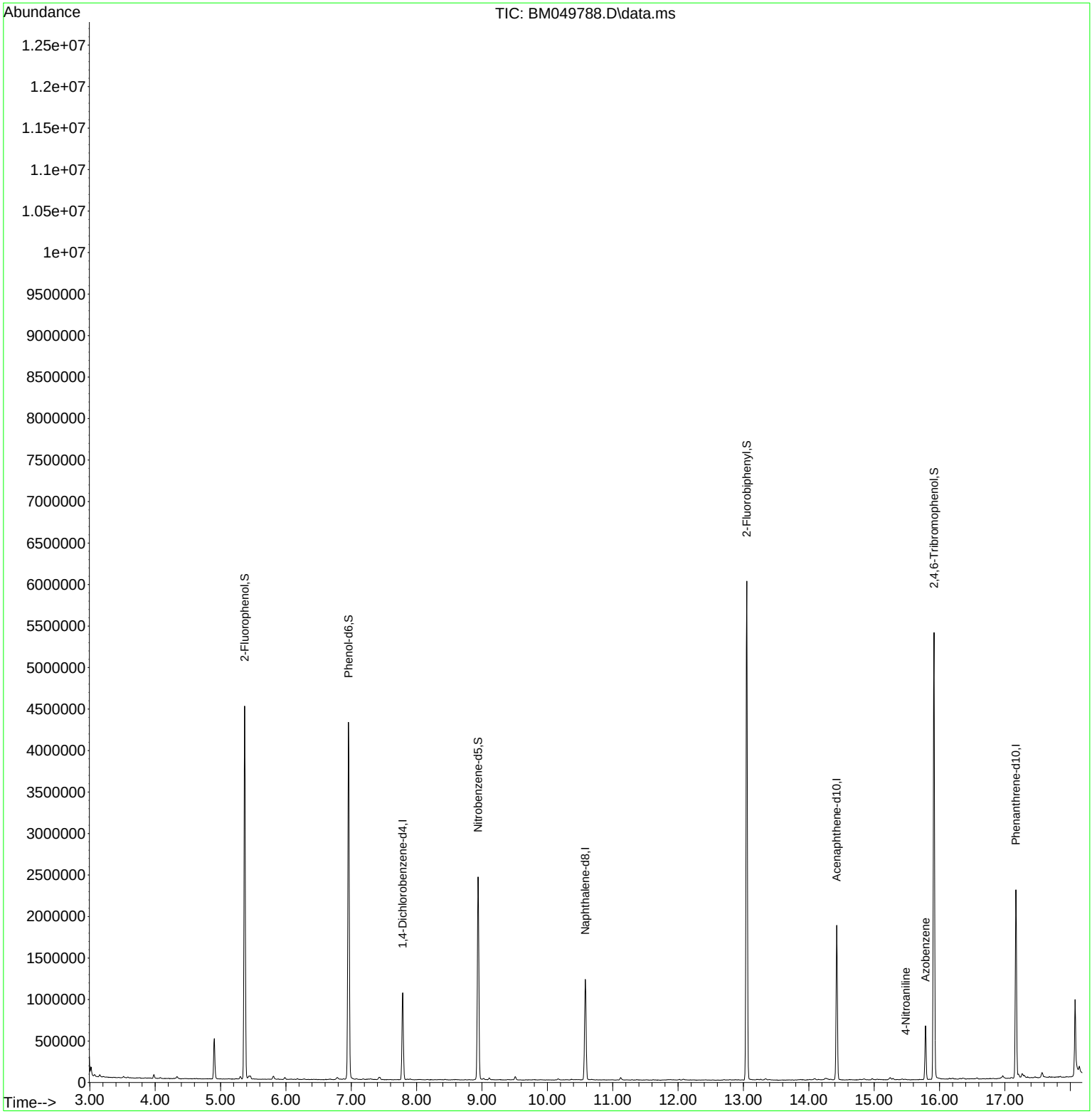

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040225\
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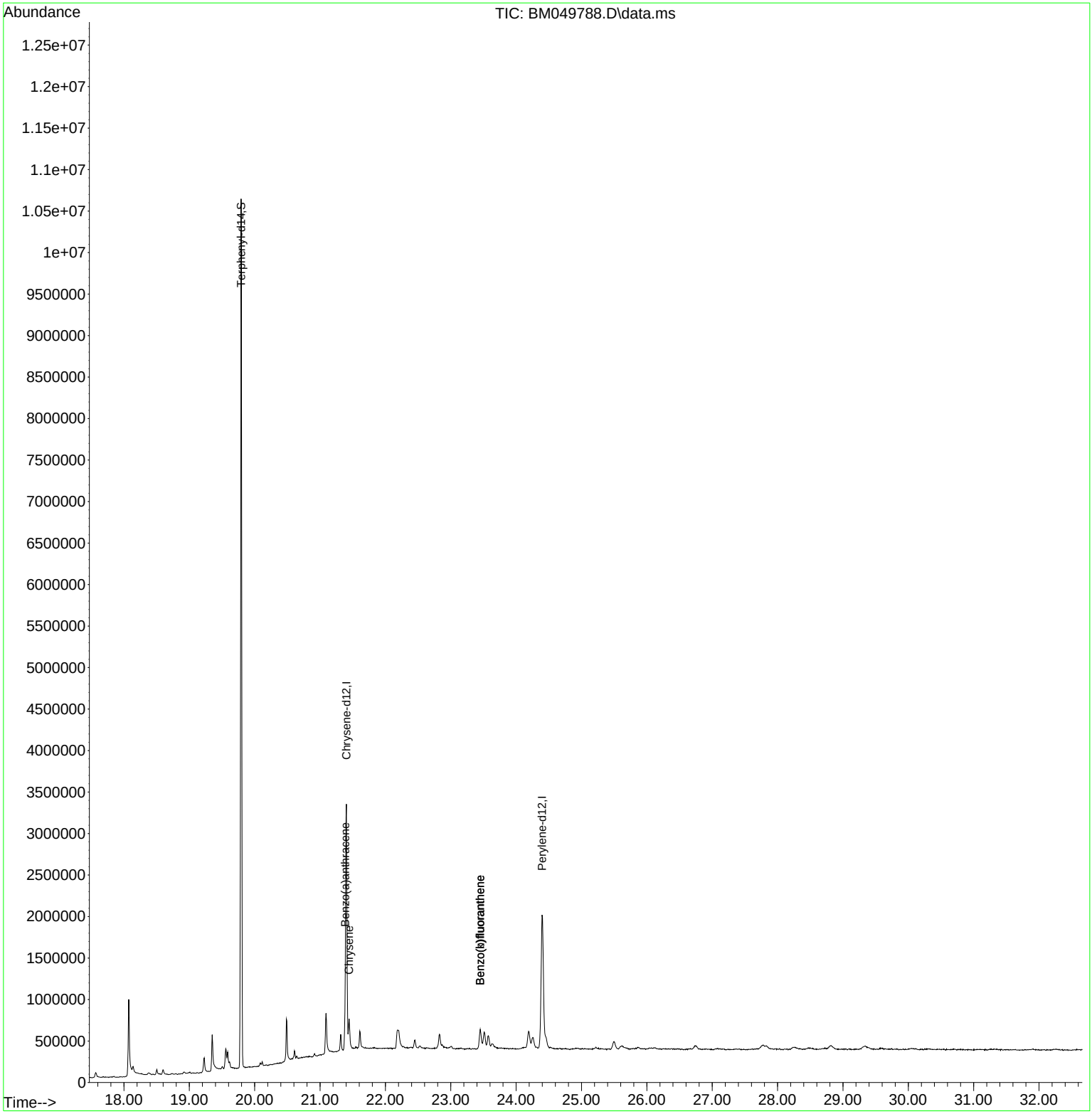
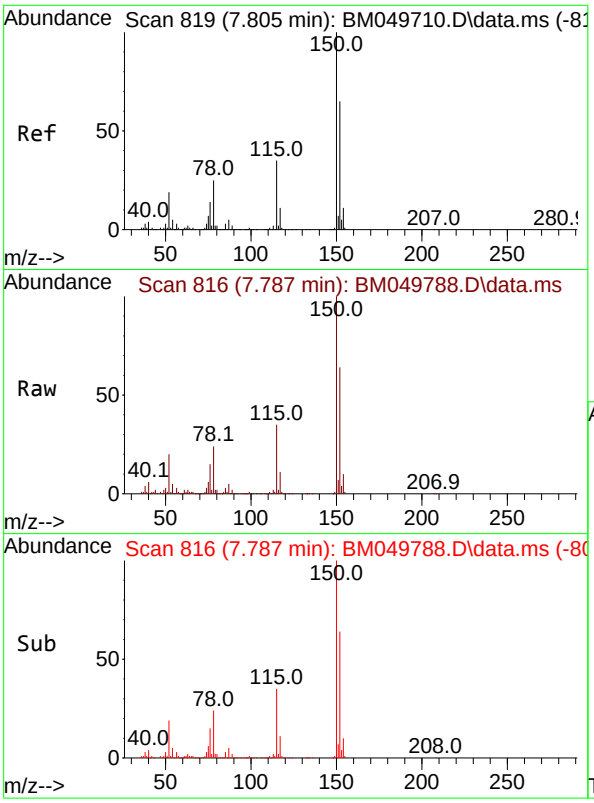


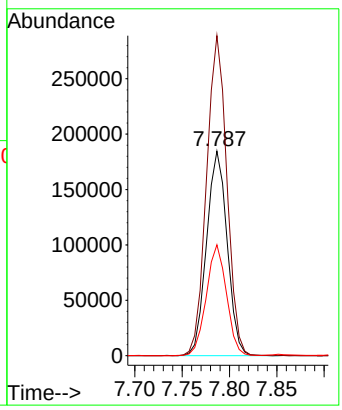


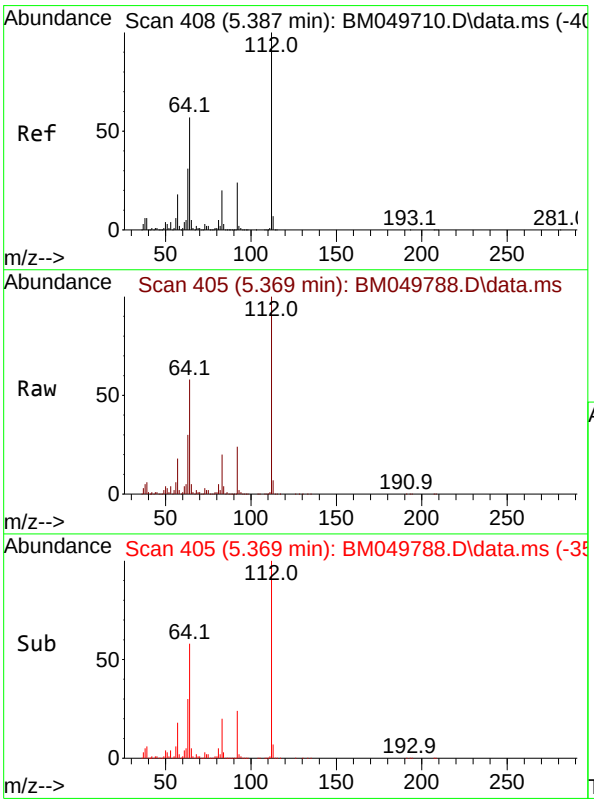
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.787 min Scan# 81
Delta R.T. -0.018 min
Lab File: BM049788.D
Acq: 02 Apr 2025 13:28

Instrument :
BNA_M
ClientSampleId :
TP-9

Tgt Ion:152 Resp: 278646

Ion	Ratio	Lower	Upper
152	100		
150	156.5	123.8	185.8
115	54.2	43.0	64.6

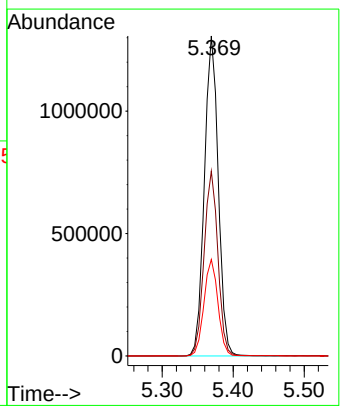


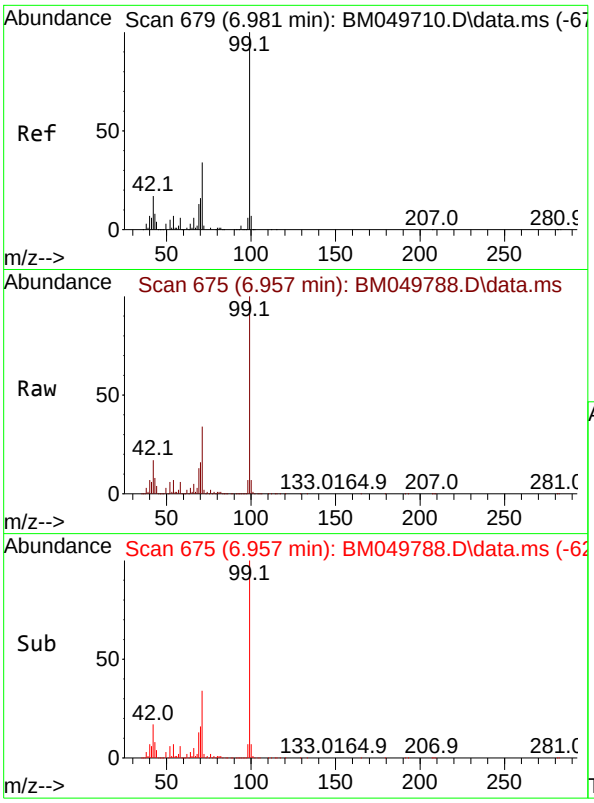


#5
2-Fluorophenol
Concen: 107.817 ng
RT: 5.369 min Scan# 405
Delta R.T. -0.018 min
Lab File: BM049788.D
Acq: 02 Apr 2025 13:28

Tgt Ion:112 Resp: 1780500

Ion	Ratio	Lower	Upper
112	100		
64	57.7	45.3	67.9
63	30.1	24.4	36.6



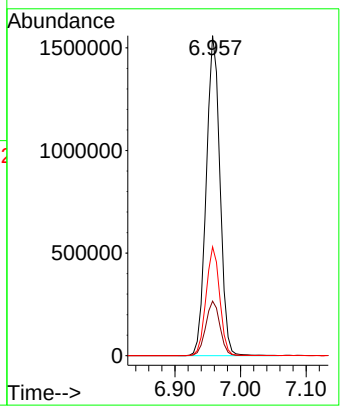


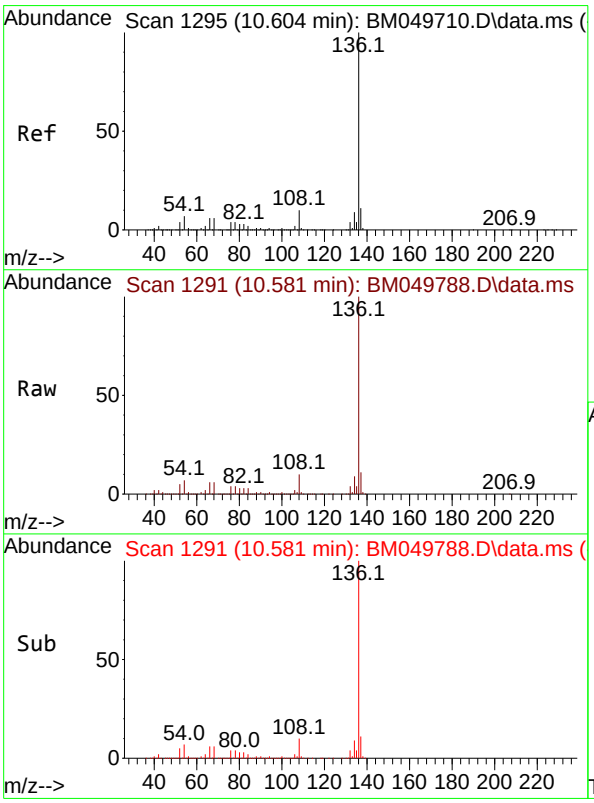
#7
Phenol-d6
Concen: 109.619 ng
RT: 6.957 min Scan# 6
Delta R.T. -0.024 min
Lab File: BM049788.D
Acq: 02 Apr 2025 13:28

Instrument :
BNA_M
ClientSampleId :
TP-9

Tgt Ion: 99 Resp: 2271782

Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.6	20.4
71	34.0	27.0	40.6

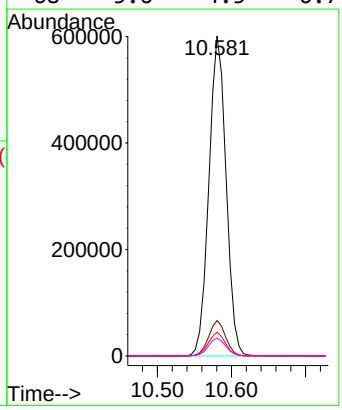


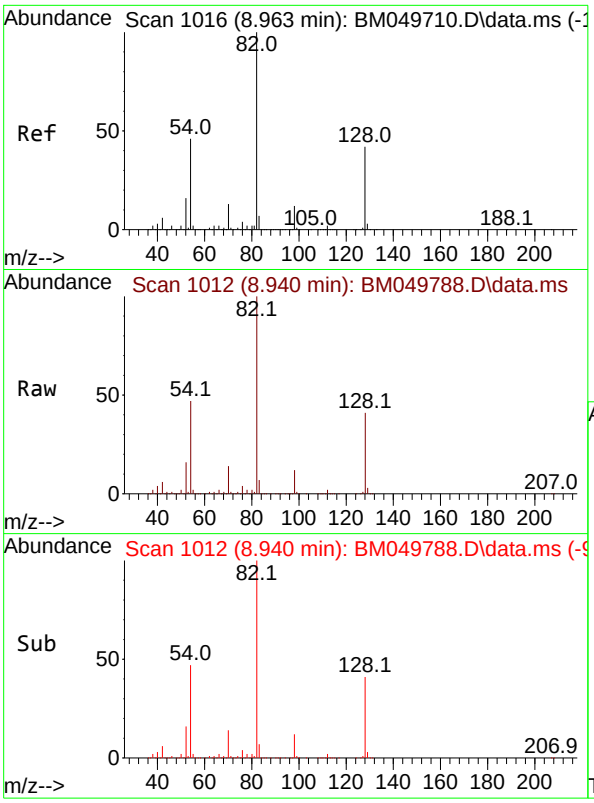


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.581 min Scan# 1291
Delta R.T. -0.024 min
Lab File: BM049788.D
Acq: 02 Apr 2025 13:28

Tgt Ion:136 Resp: 966546

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	7.4	5.8	8.8
68	5.6	4.5	6.7



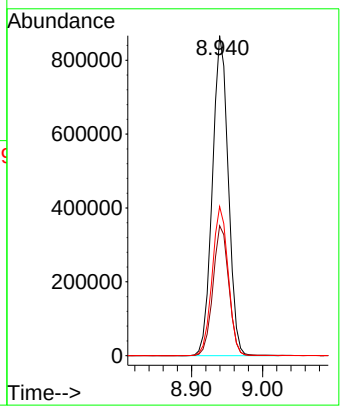


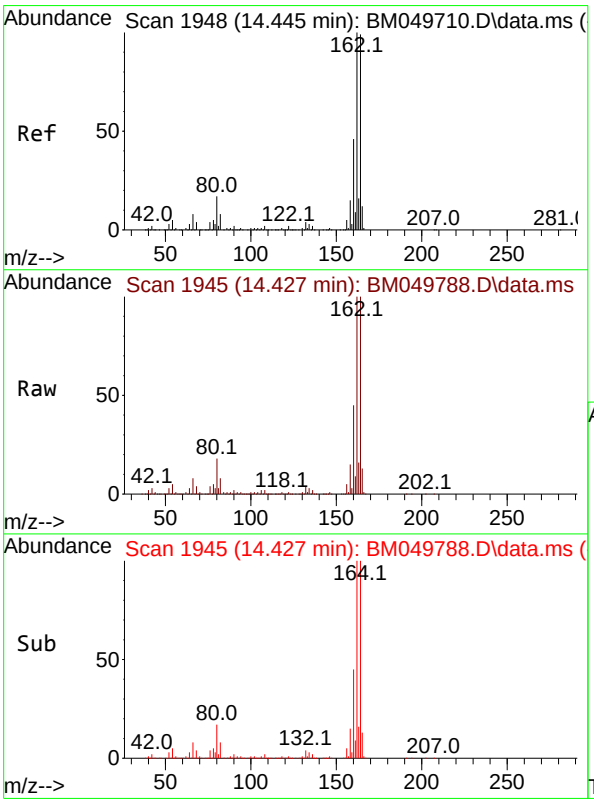
#23
Nitrobenzene-d5
Concen: 71.385 ng
RT: 8.940 min Scan# 1(
Delta R.T. -0.024 min
Lab File: BM049788.D
Acq: 02 Apr 2025 13:28

Instrument :
BNA_M
ClientSampleId :
TP-9

Tgt Ion: 82 Resp: 1343882

Ion	Ratio	Lower	Upper
82	100		
128	40.6	33.4	50.0
54	46.6	36.4	54.6

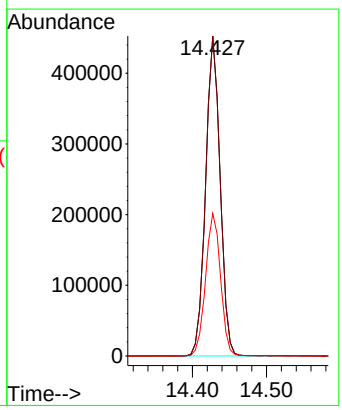


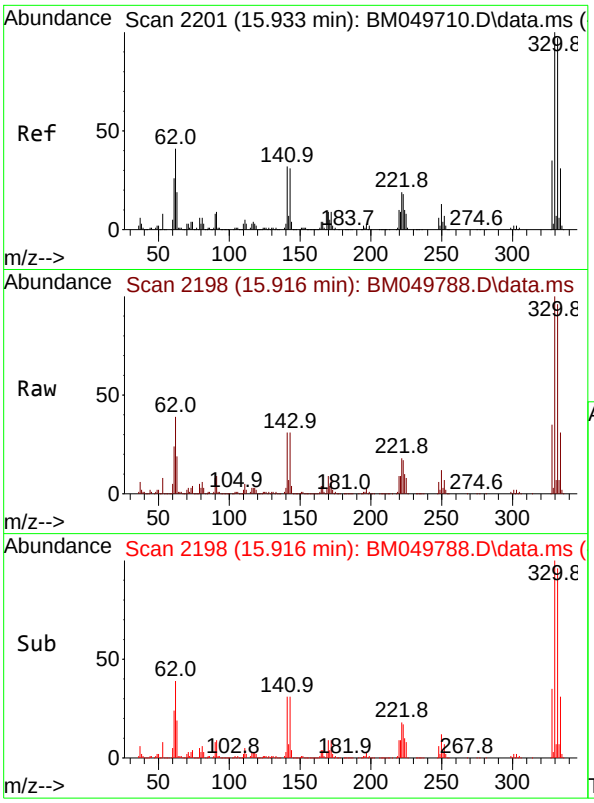


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.427 min Scan# 1945
Delta R.T. -0.018 min
Lab File: BM049788.D
Acq: 02 Apr 2025 13:28

Tgt Ion:164 Resp: 616799

Ion	Ratio	Lower	Upper
164	100		
162	99.9	80.5	120.7
160	44.5	36.9	55.3



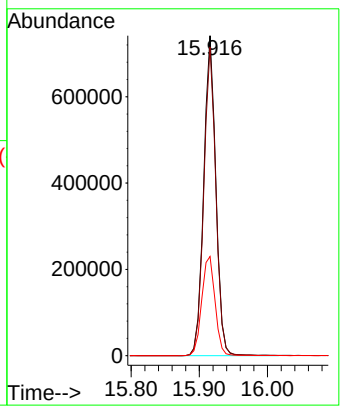


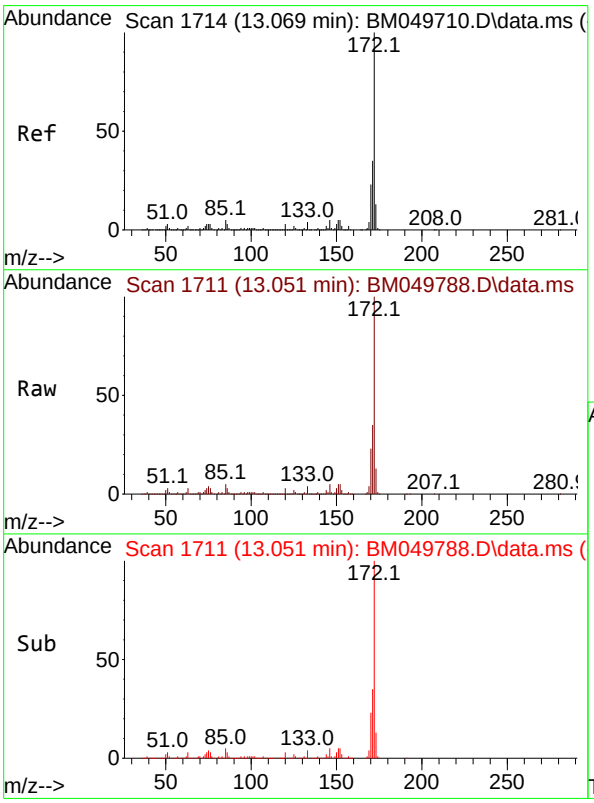
#42
2,4,6-Tribromophenol
Concen: 127.144 ng
RT: 15.916 min Scan# 2
Delta R.T. -0.017 min
Lab File: BM049788.D
Acq: 02 Apr 2025 13:28

Instrument :
BNA_M
ClientSampleId :
TP-9

Tgt Ion:330 Resp: 915737

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.4
141	34.1	27.8	41.6

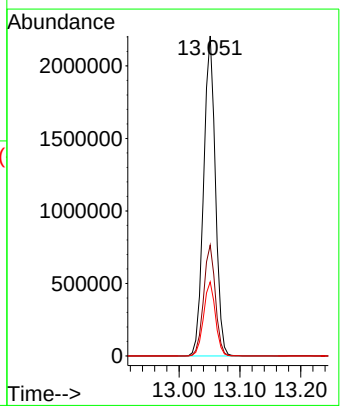


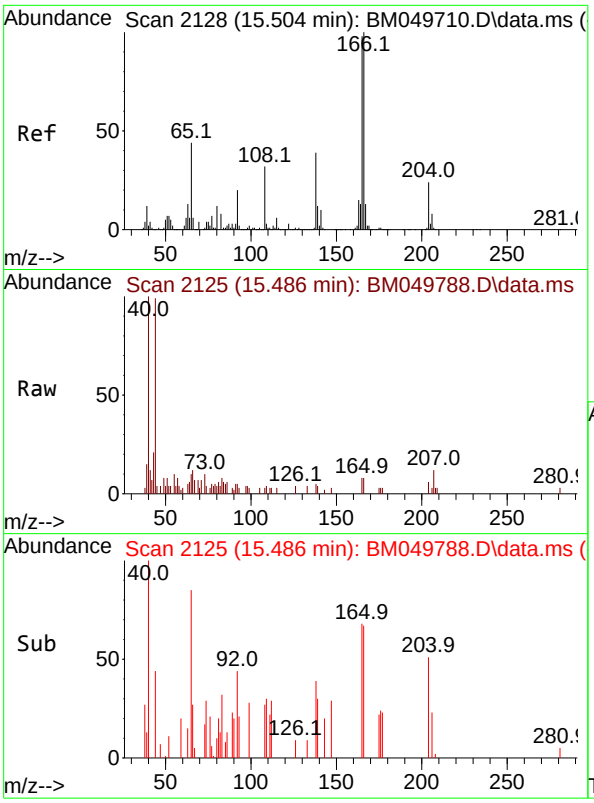


#45
2-Fluorobiphenyl
Concen: 60.253 ng
RT: 13.051 min Scan# 1711
Delta R.T. -0.018 min
Lab File: BM049788.D
Acq: 02 Apr 2025 13:28

Tgt Ion:172 Resp: 2967488

Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.9	41.9
170	23.2	18.6	28.0



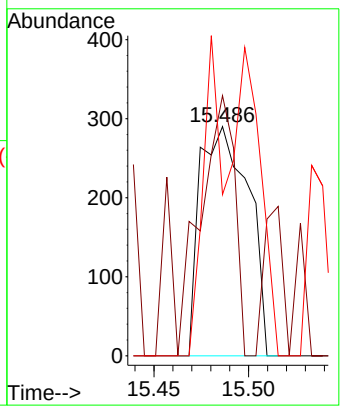


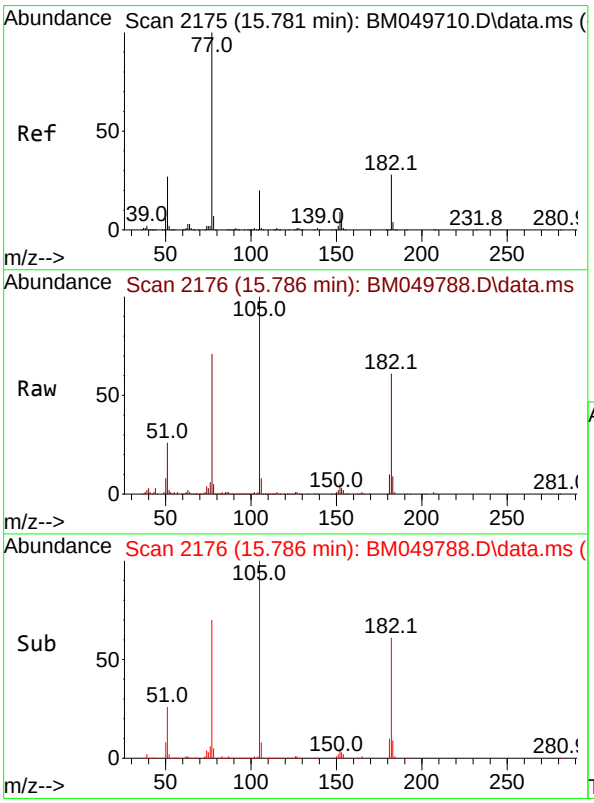
#62
4-Nitroaniline
Concen: 3.807 ng
RT: 15.486 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM049788.D
Acq: 02 Apr 2025 13:28

Instrument :
BNA_M
ClientSampleId :
TP-9

Tgt Ion:138 Resp: 517

Ion	Ratio	Lower	Upper
138	100		
92	113.4	29.8	69.8#
108	70.3	61.3	101.3

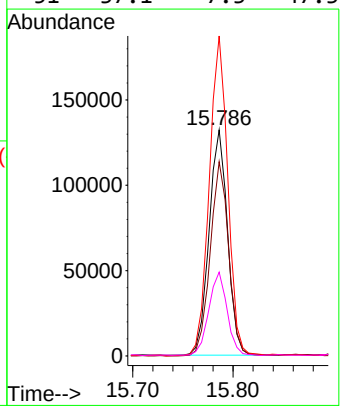


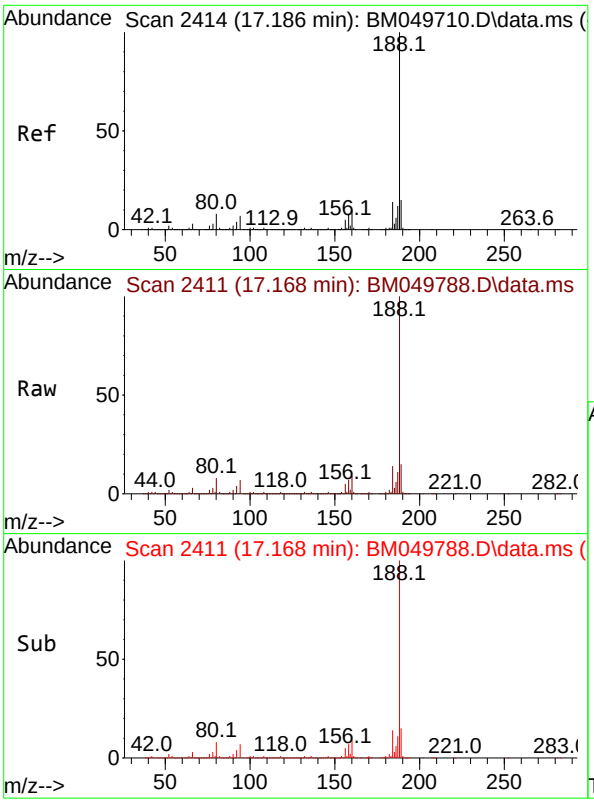


#63
Azobenzene
Concen: 4.441 ng
RT: 15.786 min Scan# 2176
Delta R.T. 0.006 min
Lab File: BM049788.D
Acq: 02 Apr 2025 13:28

Tgt Ion: 77 Resp: 169673

Ion	Ratio	Lower	Upper
77	100		
182	85.9	8.0	48.0#
105	141.5	0.0	40.0#
51	37.1	7.3	47.3



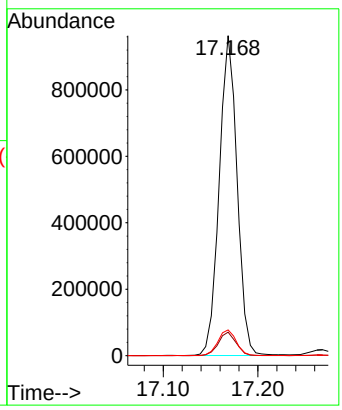


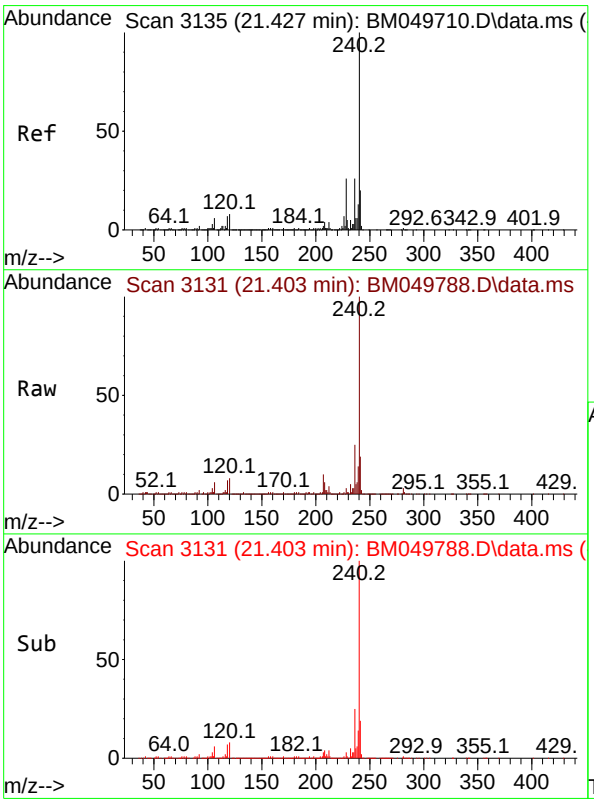
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.168 min Scan# 24
Delta R.T. -0.018 min
Lab File: BM049788.D
Acq: 02 Apr 2025 13:28

Instrument :
BNA_M
ClientSampleId :
TP-9

Tgt Ion:188 Resp: 1264538

Ion	Ratio	Lower	Upper
188	100		
94	7.3	5.8	8.6
80	8.1	6.3	9.5

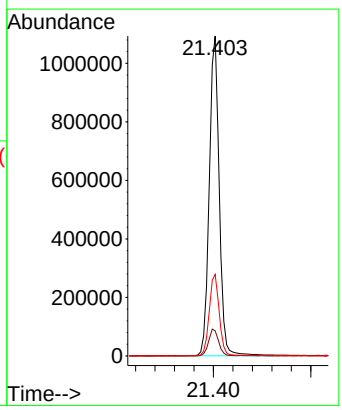


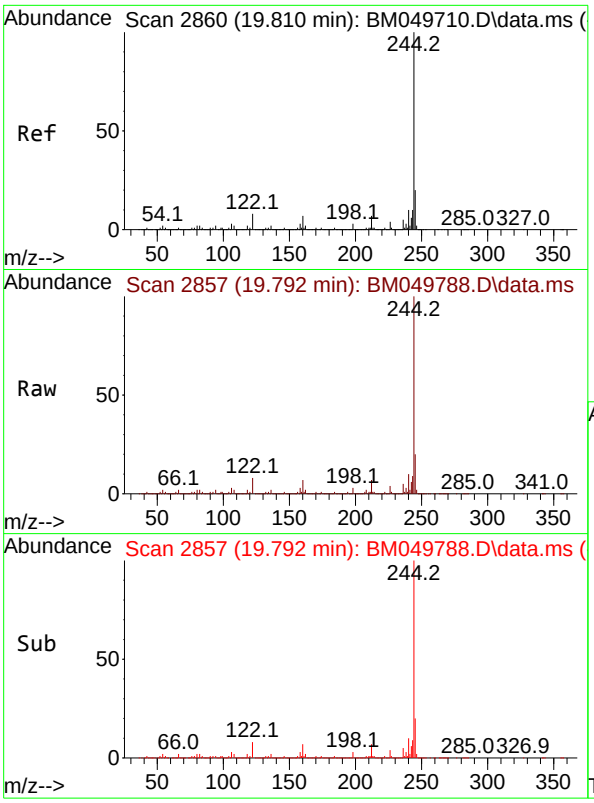


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.403 min Scan# 3131
Delta R.T. -0.024 min
Lab File: BM049788.D
Acq: 02 Apr 2025 13:28

Tgt Ion:240 Resp: 1542051

Ion	Ratio	Lower	Upper
240	100		
120	7.8	6.5	9.7
236	25.5	20.7	31.1



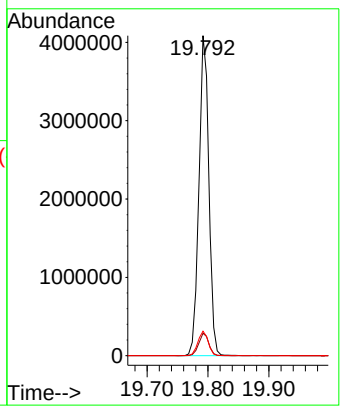


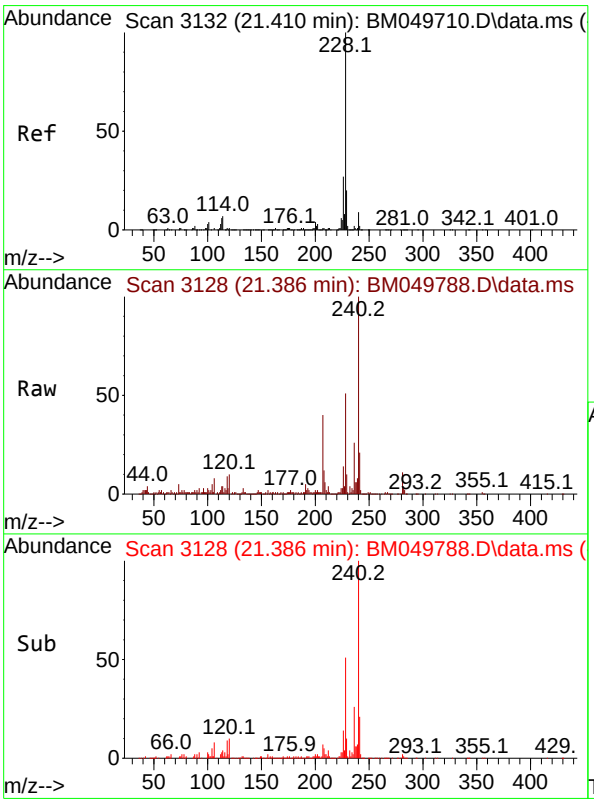
#79
Terphenyl-d14
Concen: 50.505 ng
RT: 19.792 min Scan# 2
Delta R.T. -0.018 min
Lab File: BM049788.D
Acq: 02 Apr 2025 13:28

Instrument :
BNA_M
ClientSampleId :
TP-9

Tgt Ion:244 Resp: 4621706

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.6
122	7.7	6.0	9.0

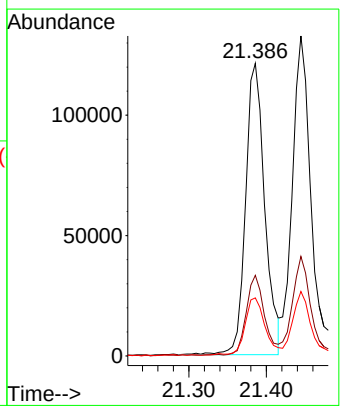


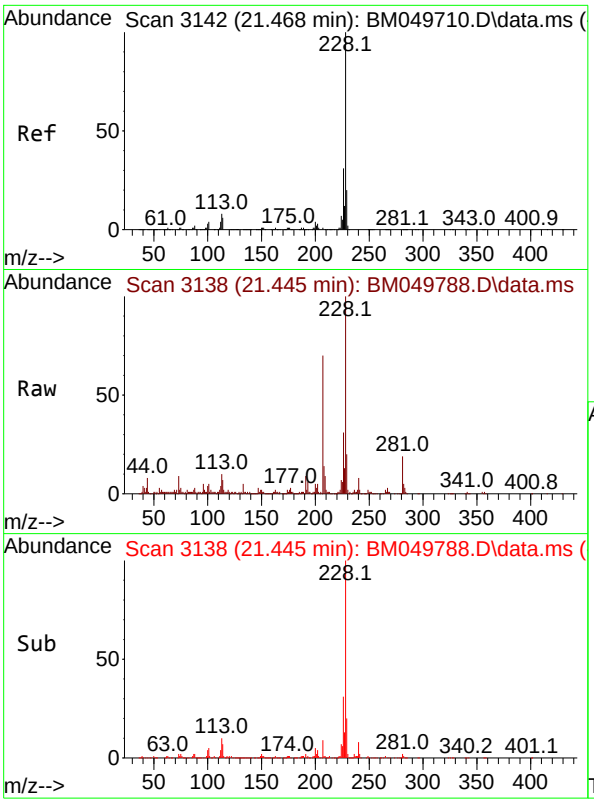


#81
Benzo(a)anthracene
Concen: 2.021 ng
RT: 21.386 min Scan# 3128
Delta R.T. -0.024 min
Lab File: BM049788.D
Acq: 02 Apr 2025 13:28

Tgt Ion:228 Resp: 208182

Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.0	33.0
229	19.9	15.8	23.8



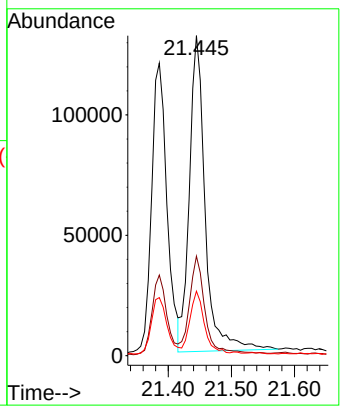


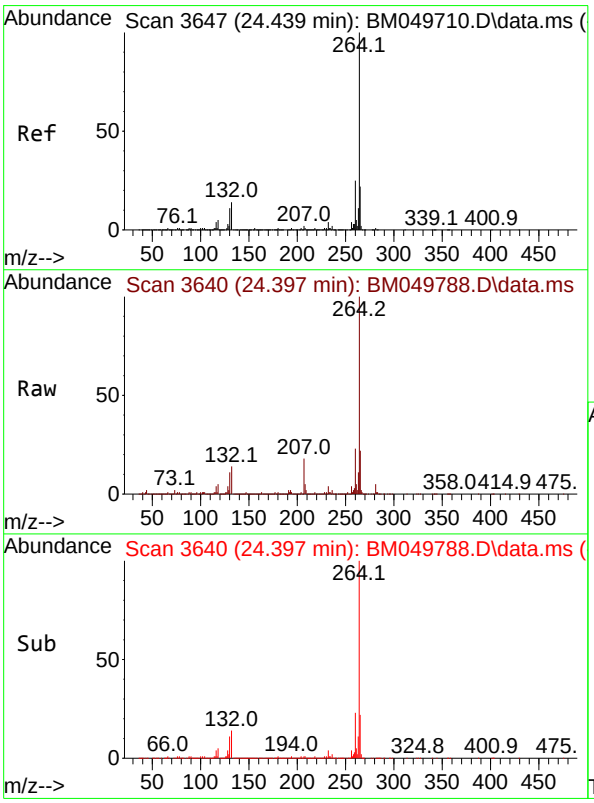
#83
Chrysene
Concen: 2.325 ng
RT: 21.445 min Scan# 3
Delta R.T. -0.024 min
Lab File: BM049788.D
Acq: 02 Apr 2025 13:28

Instrument :
BNA_M
ClientSampleId :
TP-9

Tgt Ion:228 Resp: 226977

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.5	36.7
229	20.1	15.8	23.6

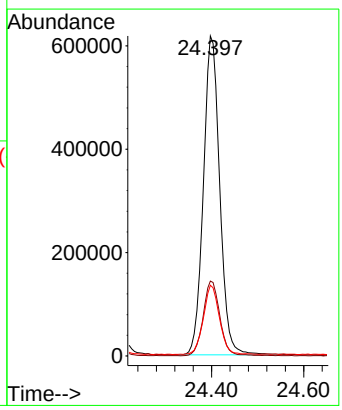


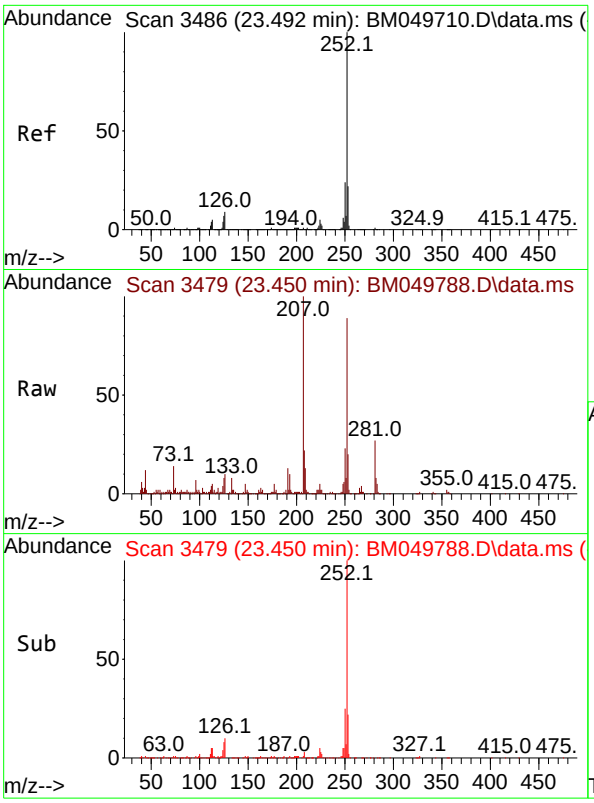


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.397 min Scan# 3640
Delta R.T. -0.041 min
Lab File: BM049788.D
Acq: 02 Apr 2025 13:28

Tgt Ion:264 Resp: 1525700

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.6	29.4
265	22.1	18.2	27.2



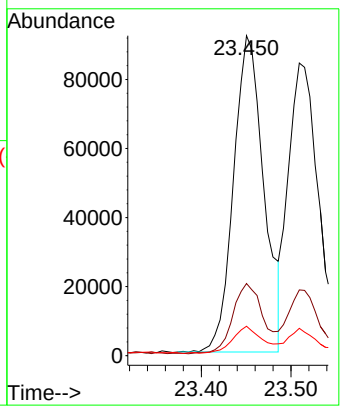


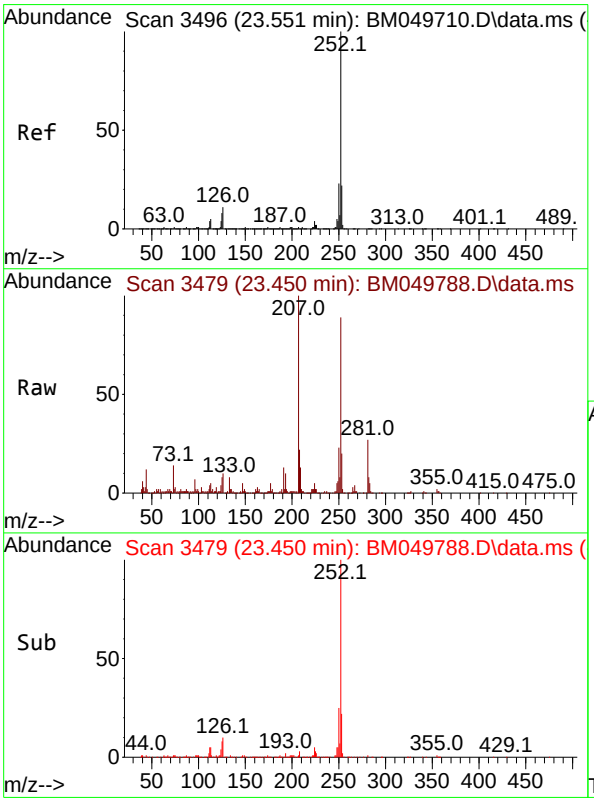
#88
Benzo(b)fluoranthene
Concen: 2.089 ng
RT: 23.450 min Scan# 34
Delta R.T. -0.041 min
Lab File: BM049788.D
Acq: 02 Apr 2025 13:28

Instrument :
BNA_M
ClientSampleId :
TP-9

Tgt Ion:252 Resp: 214650

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.0
125	9.2	5.9	8.9#





#89
Benzo(k)fluoranthene
Concen: 2.131 ng
RT: 23.450 min Scan# 3479
Delta R.T. -0.100 min
Lab File: BM049788.D
Acq: 02 Apr 2025 13:28

Tgt Ion:252 Resp: 215527

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.3	25.9
125	9.2	6.2	9.2