Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060925\
Data File : BM050266.D
Acq On : 10 Jun 2025 07:25
Operator : RC/JU
Sample : Q2242-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP09-MHJ

Quant Time: Jun 10 08:00:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	378144	20.000	ng	0.00
21) Naphthalene-d8	10.551	136	1426774	20.000	ng	0.00
39) Acenaphthene-d10	14.392	164	770403	20.000	ng	0.00
64) Phenanthrene-d10	17.133	188	1411866	20.000	ng	0.00
76) Chrysene-d12	21.362	240	1364339	20.000	ng	-0.01
86) Perylene-d12	24.338	264	1393729	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	3133912	138.249	ng	0.00
7) Phenol-d6	6.934	99	3601411	120.686	ng	0.00
23) Nitrobenzene-d5	8.916	82	2618225	95.438	ng	0.00
42) 2,4,6-Tribromophenol	15.880	330	1256160	143.352	ng	0.00
45) 2-Fluorobiphenyl	13.022	172	5145824	90.429	ng	0.00
79) Terphenyl-d14	19.762	244	6410059	89.034	ng	0.00
Target Compounds						Qvalue

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

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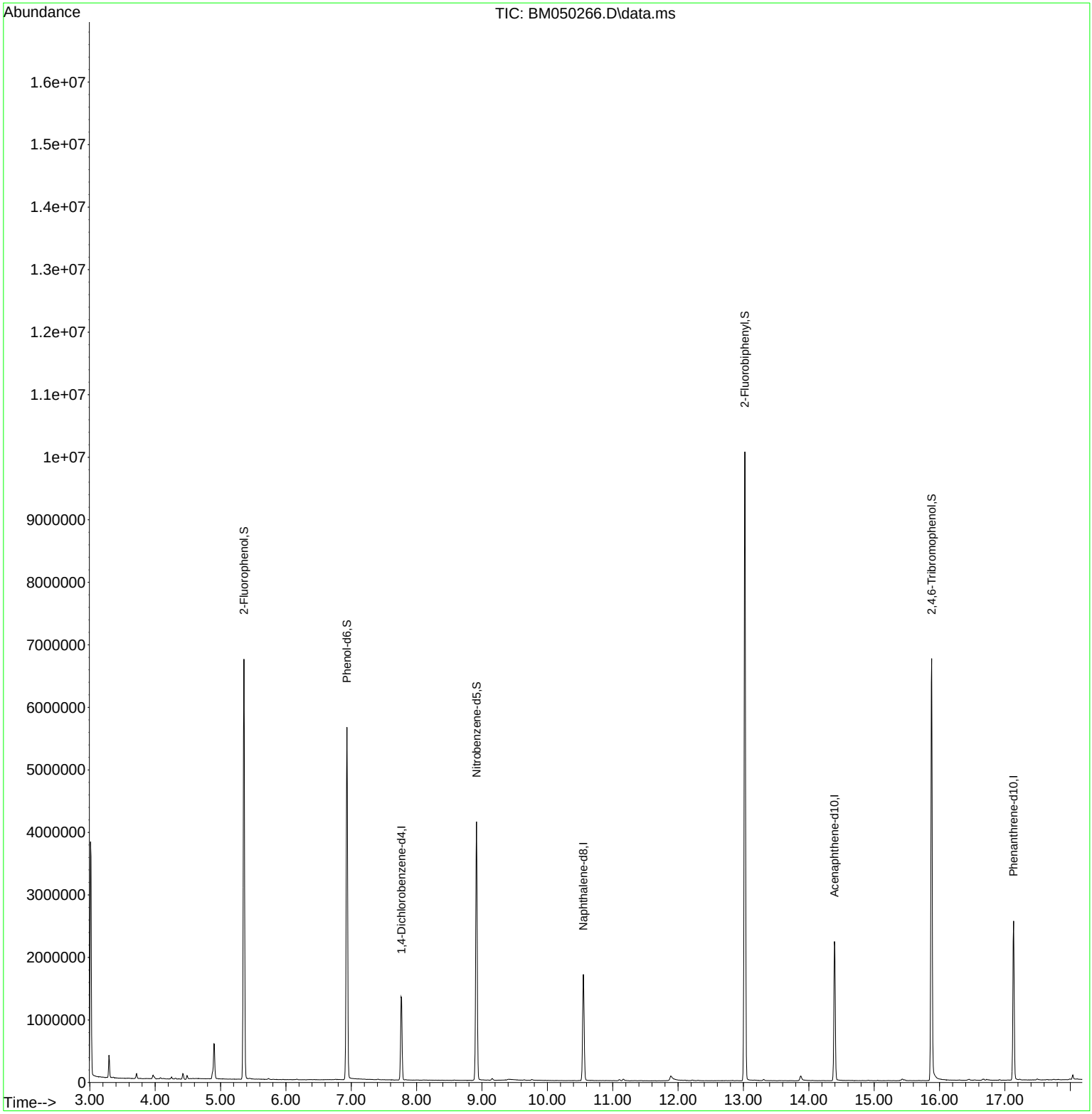

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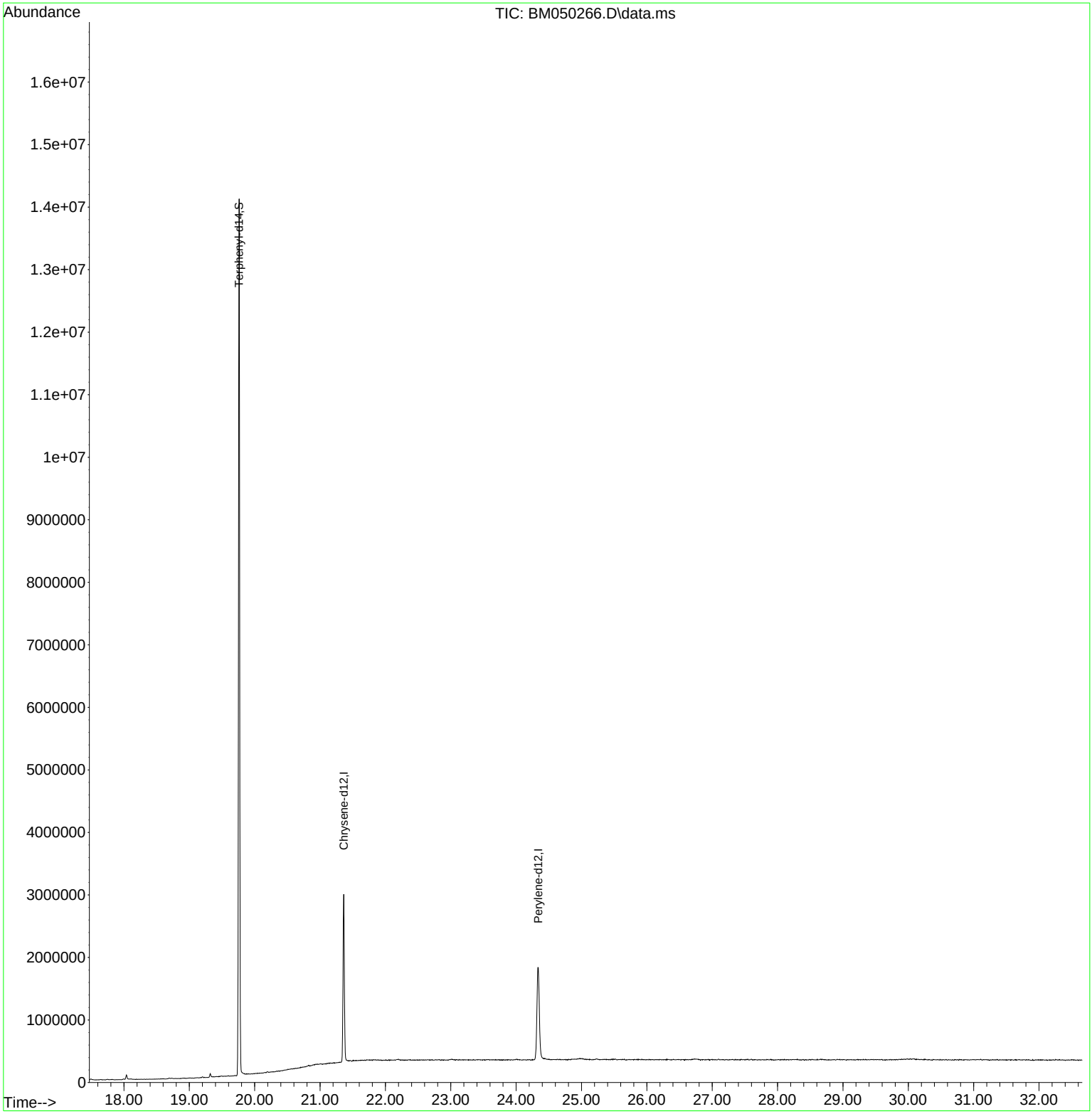
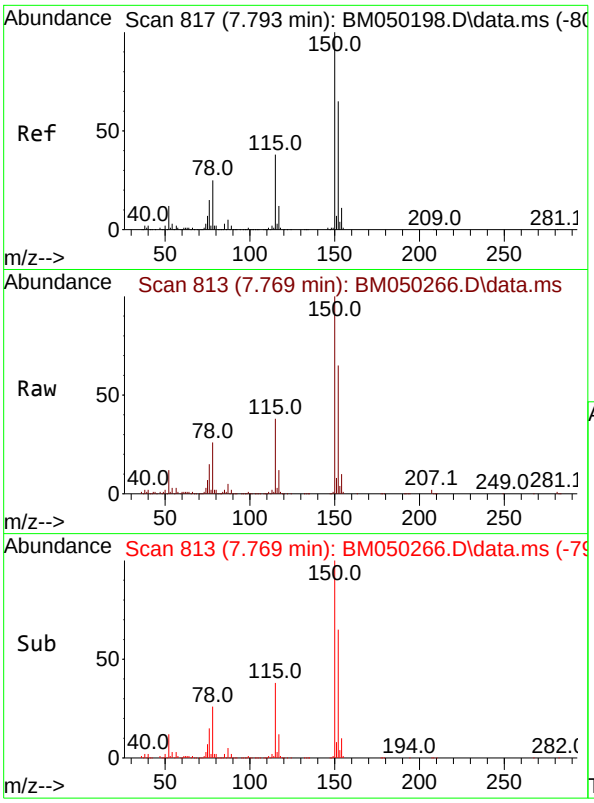


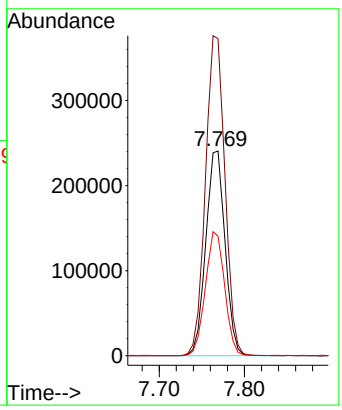


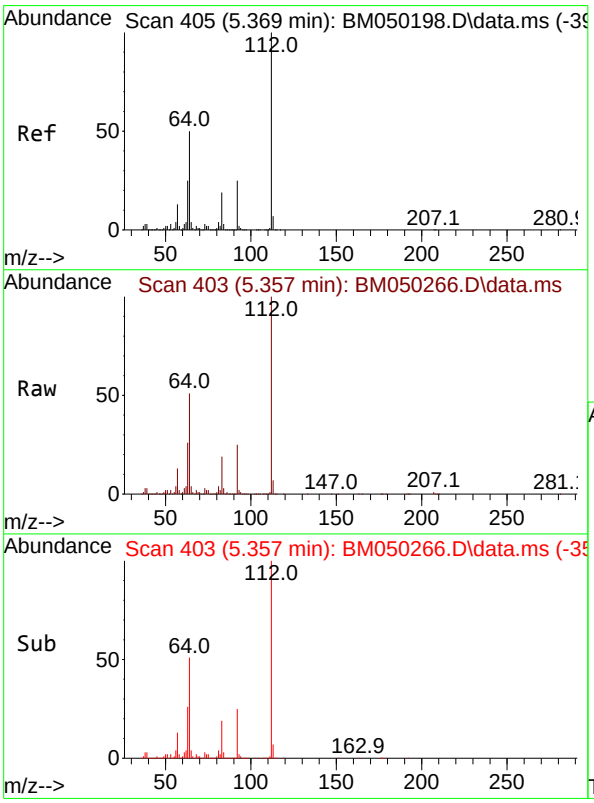
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 8
Delta R.T. -0.000 min
Lab File: BM050266.D
Acq: 10 Jun 2025 07:25

Instrument :
BNA_M
ClientSampleId :
TP09-MHJ

Tgt Ion:152 Resp: 378144

Ion	Ratio	Lower	Upper
152	100		
150	154.9	122.2	183.4
115	58.3	46.3	69.5

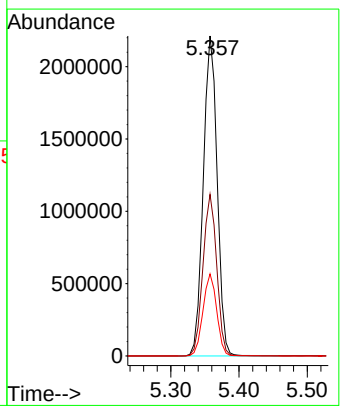


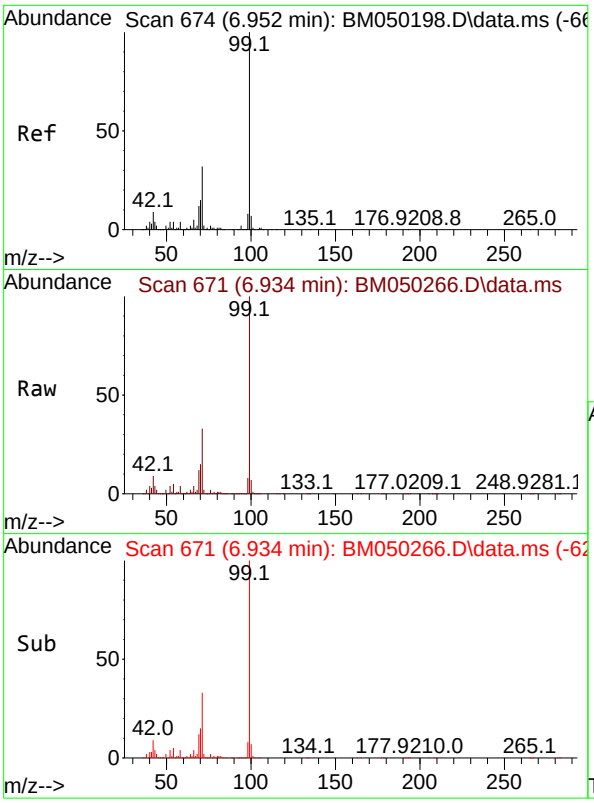


#5
2-Fluorophenol
Concen: 138.249 ng
RT: 5.357 min Scan# 403
Delta R.T. 0.000 min
Lab File: BM050266.D
Acq: 10 Jun 2025 07:25

Tgt Ion:112 Resp: 3133912

Ion	Ratio	Lower	Upper
112	100		
64	50.5	39.8	59.6
63	25.7	19.8	29.8



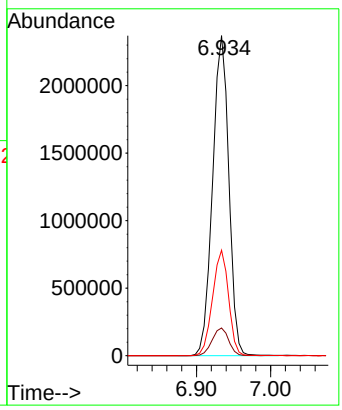


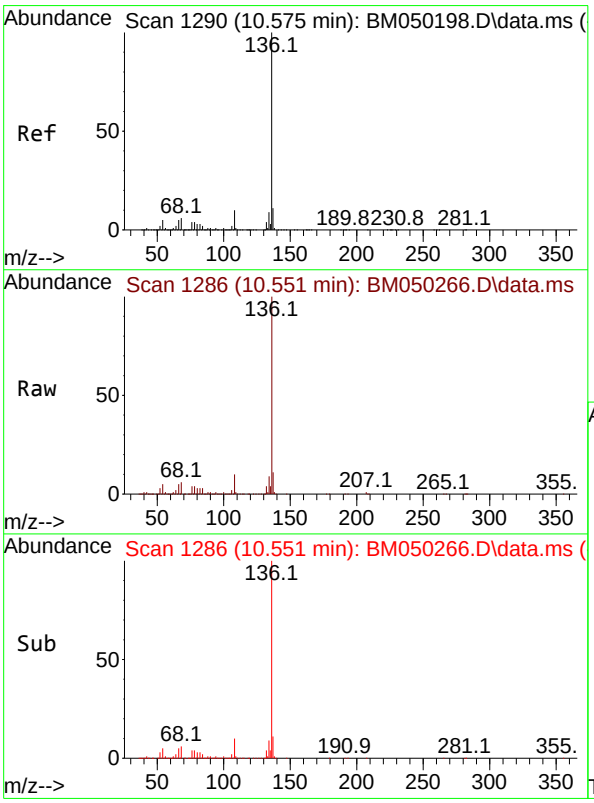
#7
Phenol-d6
Concen: 120.686 ng
RT: 6.934 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM050266.D
Acq: 10 Jun 2025 07:25

Instrument :
BNA_M
ClientSampleId :
TP09-MHJ

Tgt Ion: 99 Resp: 3601411

Ion	Ratio	Lower	Upper
99	100		
42	8.6	6.9	10.3
71	33.0	25.3	37.9

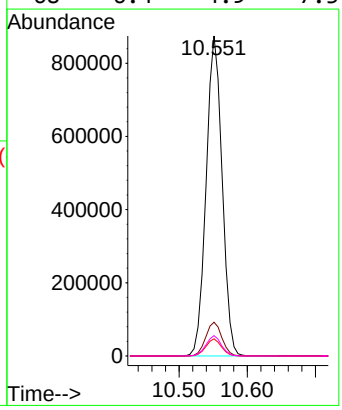


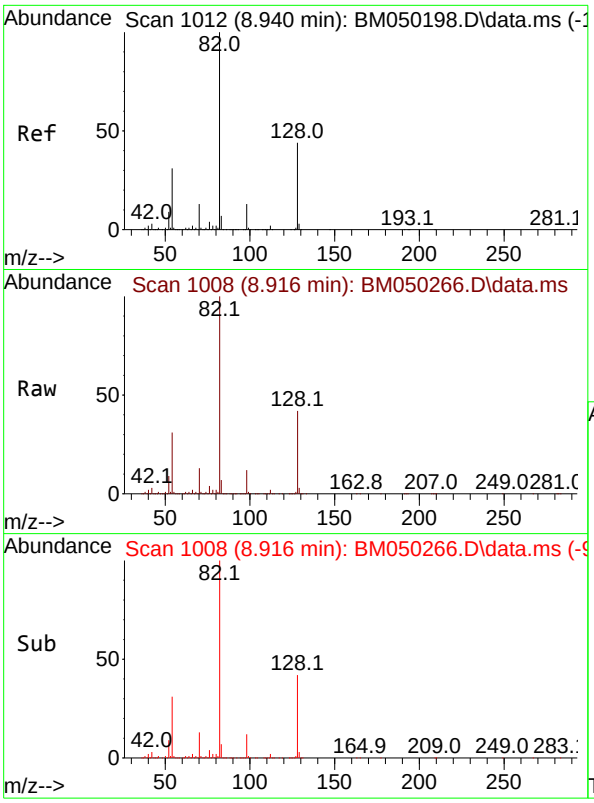


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.551 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BM050266.D
Acq: 10 Jun 2025 07:25

Tgt Ion:136 Resp: 1426774

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	5.4	3.8	5.8
68	6.4	4.9	7.3



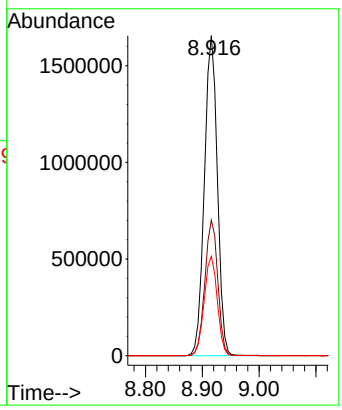


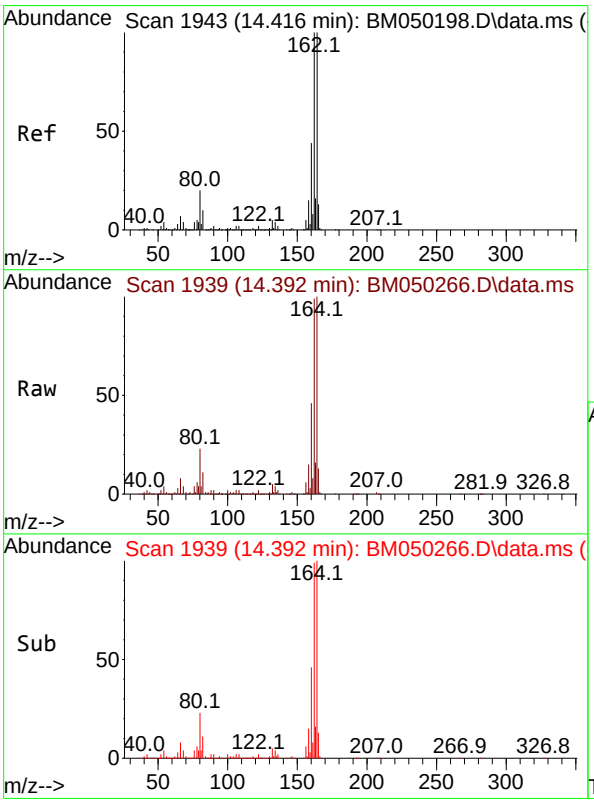
#23
Nitrobenzene-d5
Concen: 95.438 ng
RT: 8.916 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BM050266.D
Acq: 10 Jun 2025 07:25

Instrument :
BNA_M
ClientSampleId :
TP09-MHJ

Tgt Ion: 82 Resp: 2618225

Ion	Ratio	Lower	Upper
82	100		
128	42.4	35.2	52.8
54	31.1	24.5	36.7

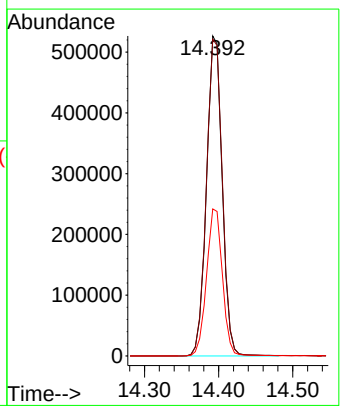


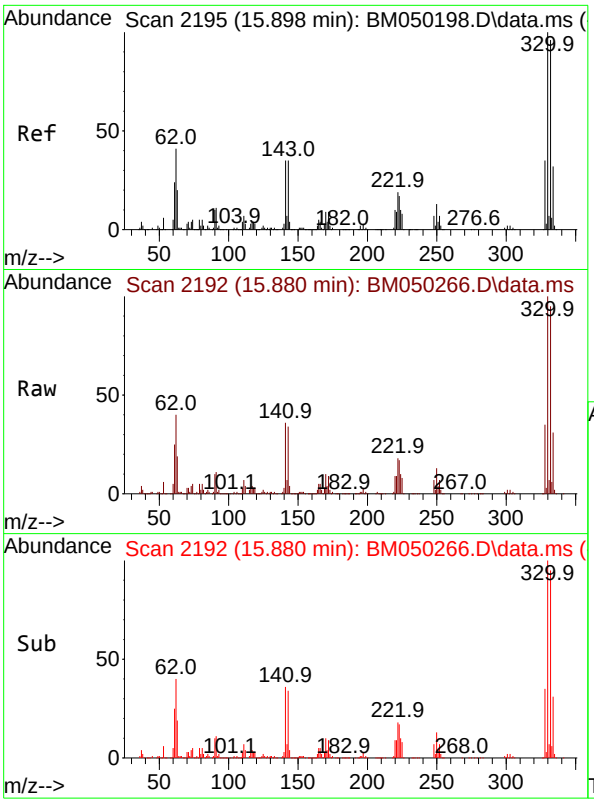


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1939
Delta R.T. -0.006 min
Lab File: BM050266.D
Acq: 10 Jun 2025 07:25

Tgt Ion:164 Resp: 770403

Ion	Ratio	Lower	Upper
164	100		
162	99.0	80.2	120.4
160	45.9	35.7	53.5



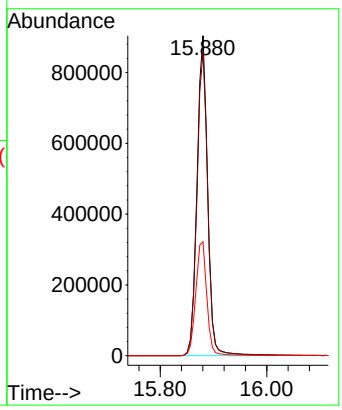


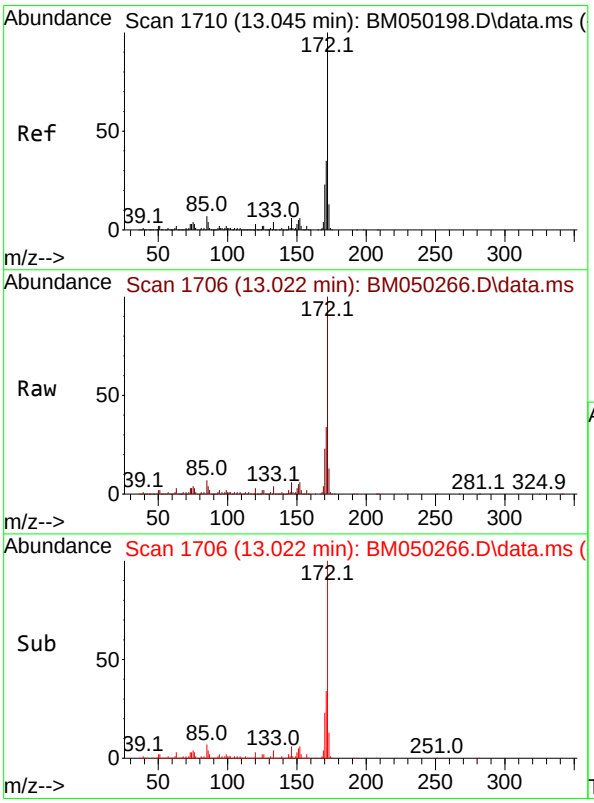
#42
2,4,6-Tribromophenol
Concen: 143.352 ng
RT: 15.880 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050266.D
Acq: 10 Jun 2025 07:25

Instrument :
BNA_M
ClientSampleId :
TP09-MHJ

Tgt Ion:330 Resp: 1256160

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.5	116.3
141	37.4	28.8	43.2

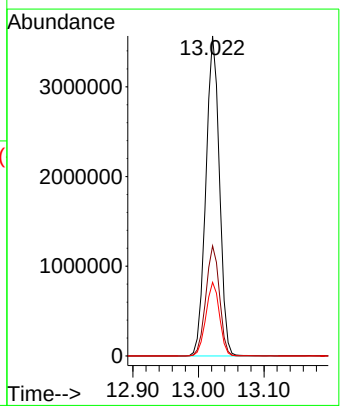


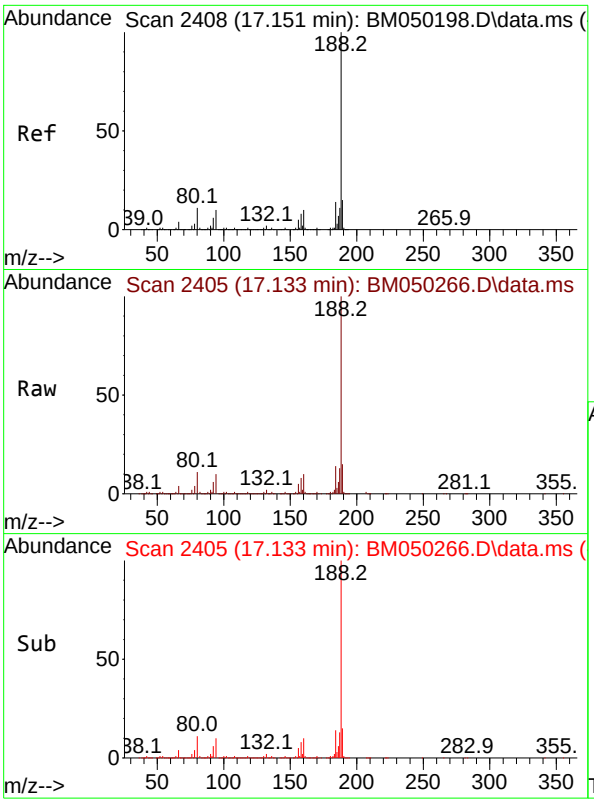


#45
2-Fluorobiphenyl
Concen: 90.429 ng
RT: 13.022 min Scan# 1706
Delta R.T. -0.006 min
Lab File: BM050266.D
Acq: 10 Jun 2025 07:25

Tgt Ion:172 Resp: 5145824

Ion	Ratio	Lower	Upper
172	100		
171	34.4	27.8	41.6
170	23.0	18.6	27.8



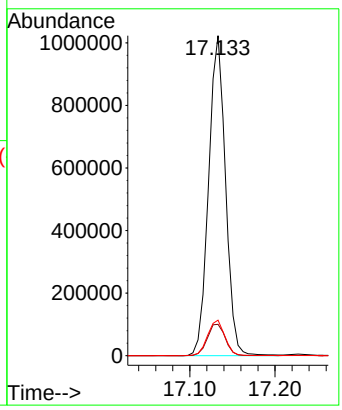


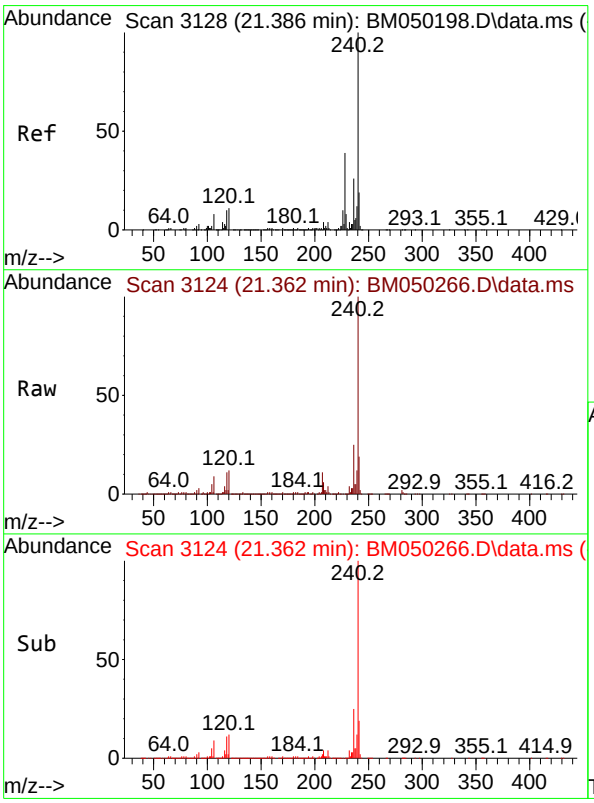
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.133 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM050266.D
Acq: 10 Jun 2025 07:25

Instrument :
BNA_M
ClientSampleId :
TP09-MHJ

Tgt Ion:188 Resp: 1411866

Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.1	12.1
80	11.1	8.6	13.0

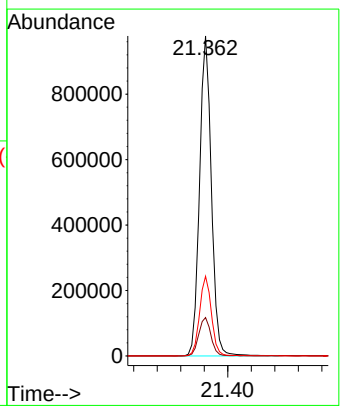


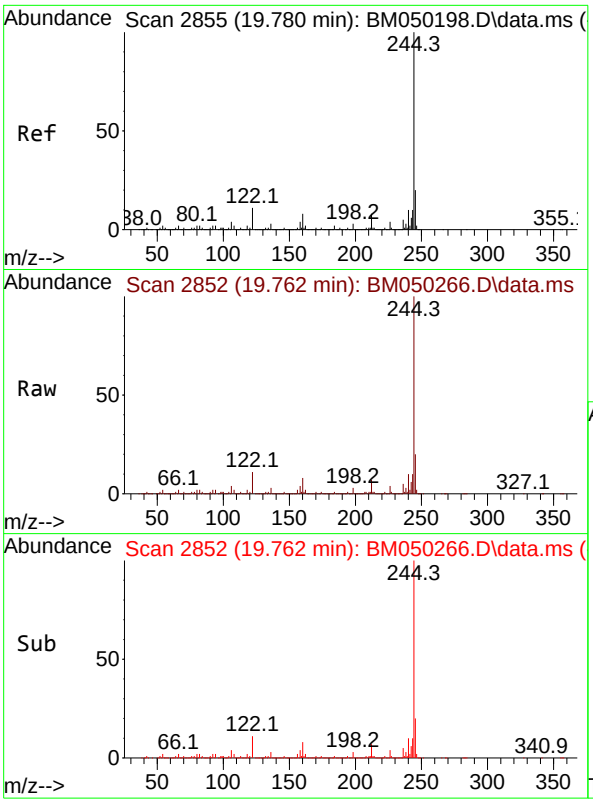


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.362 min Scan# 3124
Delta R.T. -0.012 min
Lab File: BM050266.D
Acq: 10 Jun 2025 07:25

Tgt Ion:240 Resp: 1364339

Ion	Ratio	Lower	Upper
240	100		
120	12.0	9.0	13.4
236	24.9	20.7	31.1



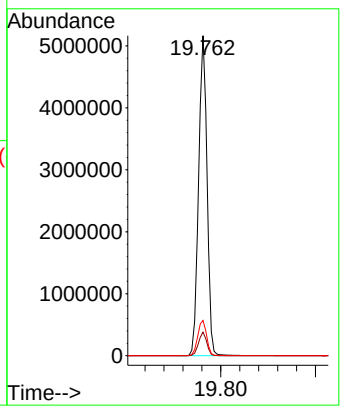


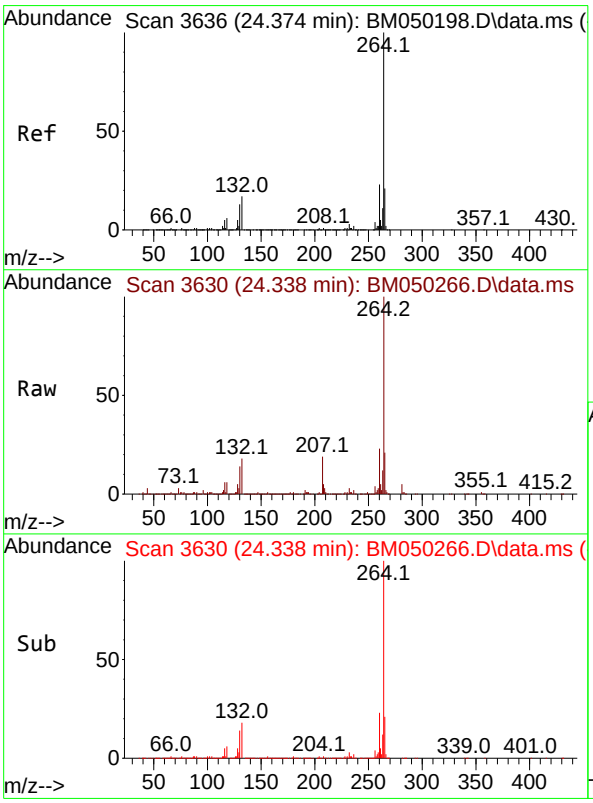
#79
Terphenyl-d14
Concen: 89.034 ng
RT: 19.762 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050266.D
Acq: 10 Jun 2025 07:25

Instrument :
BNA_M
ClientSampleId :
TP09-MHJ

Tgt Ion:244 Resp: 6410059

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	11.0	8.6	12.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.338 min Scan# 3630
Delta R.T. -0.006 min
Lab File: BM050266.D
Acq: 10 Jun 2025 07:25

Tgt Ion:264 Resp: 1393729

Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.6	28.0
265	21.1	16.8	25.2