Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060625\
Data File : BM050212.D
Acq On : 06 Jun 2025 13:26
Operator : RC/JU
Sample : Q2194-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COMP-12

Quant Time: Jun 06 14:33:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 16:20:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	332139	20.000	ng	0.00
21) Naphthalene-d8	10.575	136	1262261	20.000	ng	0.00
39) Acenaphthene-d10	14.416	164	747393	20.000	ng	0.00
64) Phenanthrene-d10	17.151	188	1395636	20.000	ng	0.00
76) Chrysene-d12	21.380	240	1224508	20.000	ng	0.00
86) Perylene-d12	24.368	264	1241044	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	2593950	130.279	ng	0.00
7) Phenol-d6	6.952	99	3264685	124.556	ng	0.00
23) Nitrobenzene-d5	8.934	82	1973411	81.309	ng	-0.01
42) 2,4,6-Tribromophenol	15.898	330	1157554	136.166	ng	0.00
45) 2-Fluorobiphenyl	13.039	172	4287995	77.674	ng	-0.01
79) Terphenyl-d14	19.780	244	5435181	84.114	ng	0.00
Target Compounds						Qvalue

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

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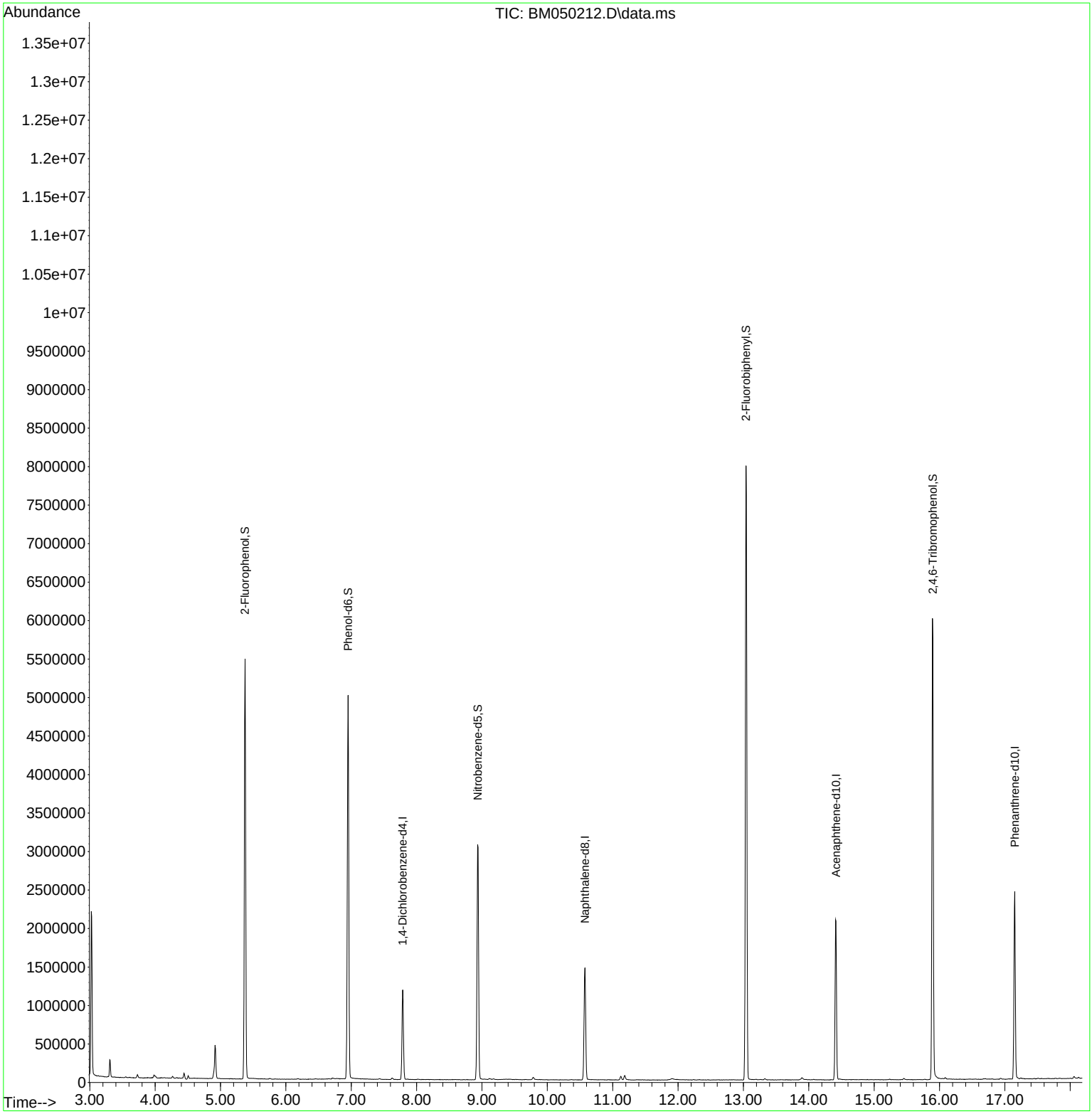

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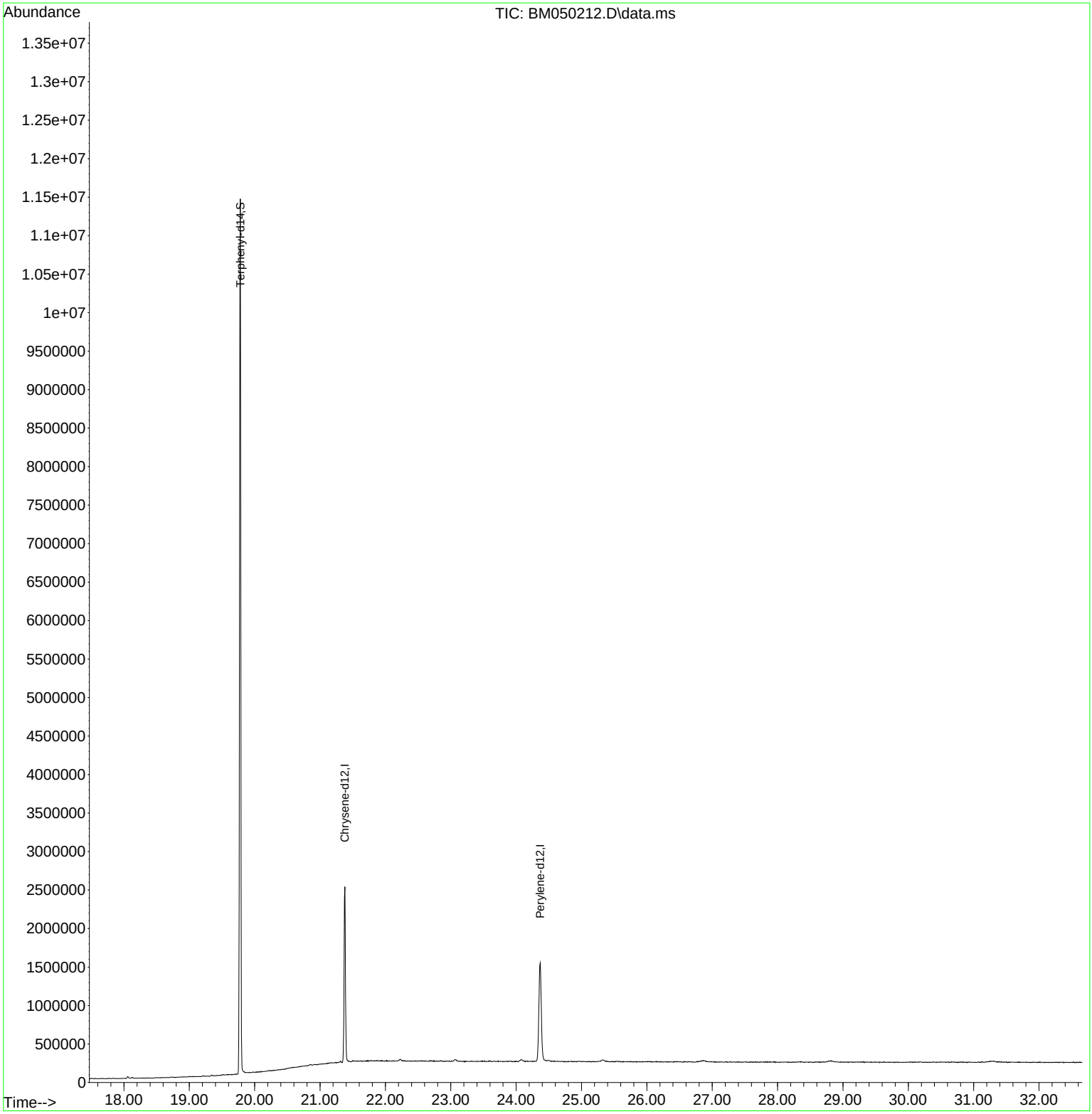
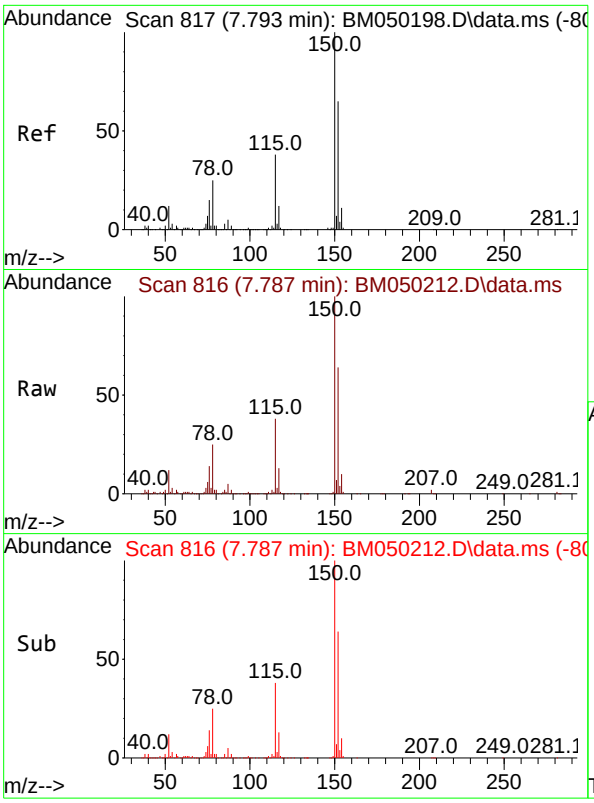


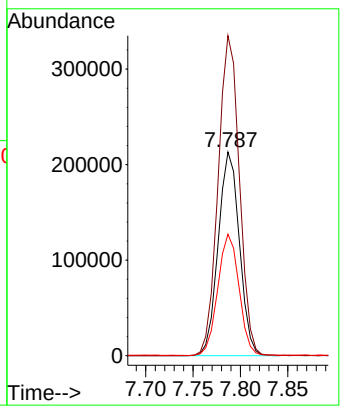


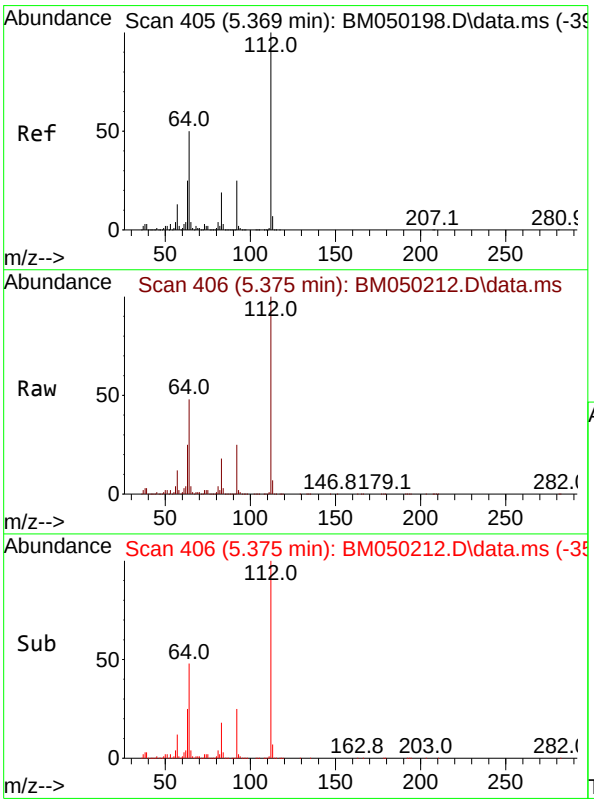
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.787 min Scan# 8
Delta R.T. -0.006 min
Lab File: BM050212.D
Acq: 06 Jun 2025 13:26

Instrument :
BNA_M
ClientSampleId :
COMP-12

Tgt Ion:152 Resp: 332139

Ion	Ratio	Lower	Upper
152	100		
150	157.1	122.2	183.4
115	59.6	46.3	69.5

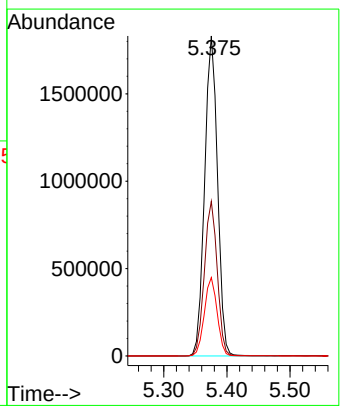


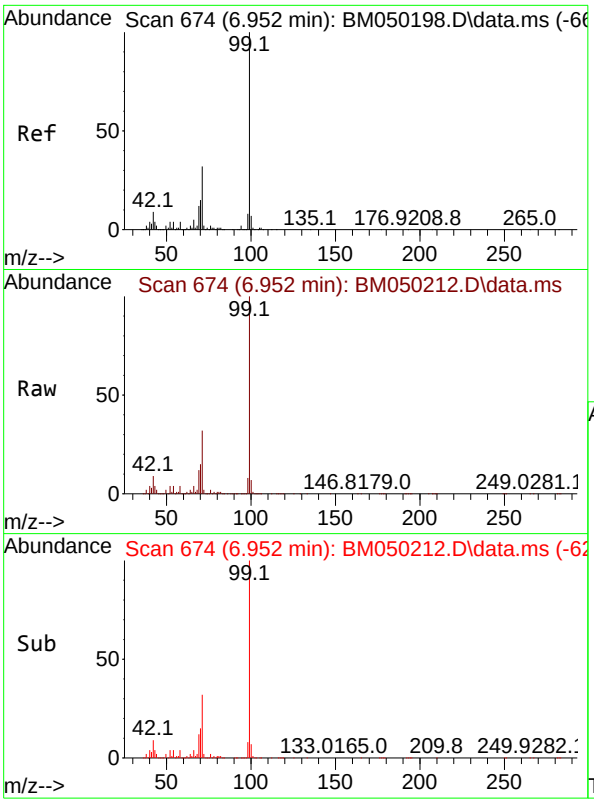


#5
2-Fluorophenol
Concen: 130.279 ng
RT: 5.375 min Scan# 406
Delta R.T. 0.000 min
Lab File: BM050212.D
Acq: 06 Jun 2025 13:26

Tgt Ion:112 Resp: 2593950

Ion	Ratio	Lower	Upper
112	100		
64	48.3	39.8	59.6
63	24.5	19.8	29.8



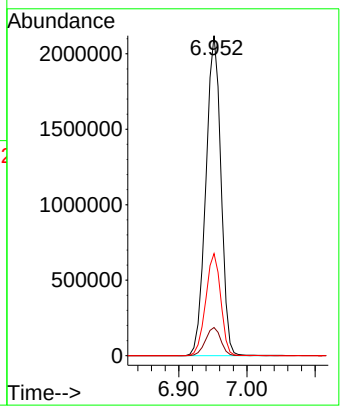


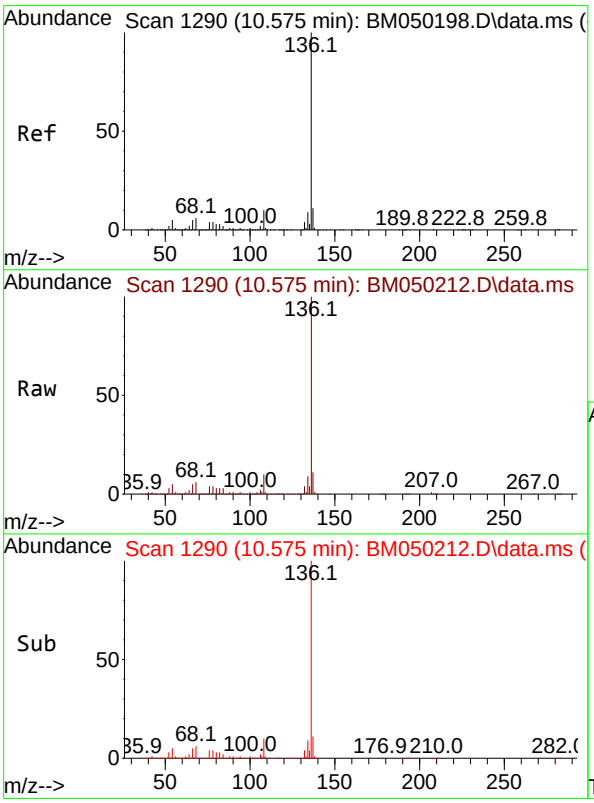
#7
Phenol-d6
Concen: 124.556 ng
RT: 6.952 min Scan# 6
Delta R.T. -0.006 min
Lab File: BM050212.D
Acq: 06 Jun 2025 13:26

Instrument :
BNA_M
ClientSampleId :
COMP-12

Tgt Ion: 99 Resp: 3264685

Ion	Ratio	Lower	Upper
99	100		
42	8.8	6.9	10.3
71	31.9	25.3	37.9

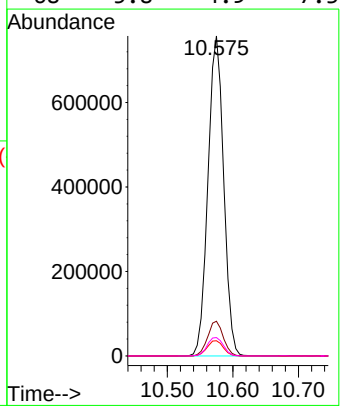


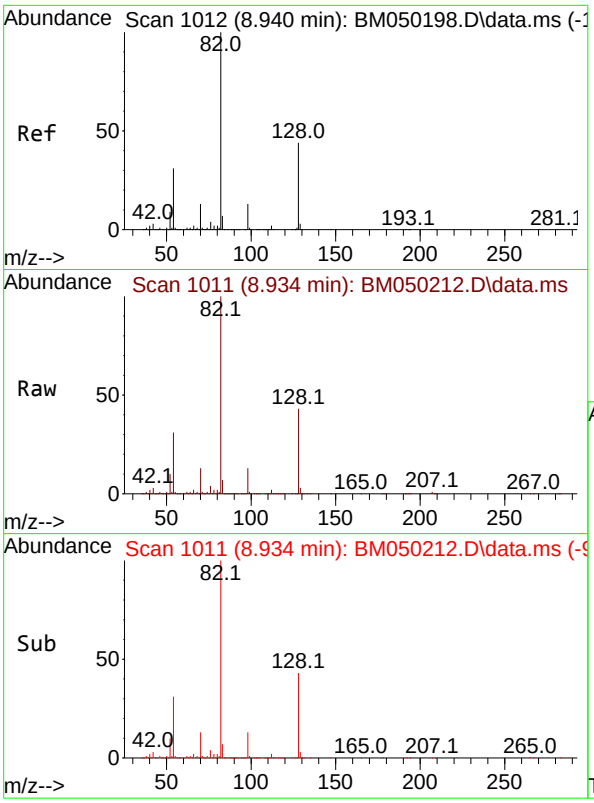


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.575 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BM050212.D
Acq: 06 Jun 2025 13:26

Tgt Ion:136 Resp: 1262261

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	4.8	3.8	5.8
68	5.8	4.9	7.3



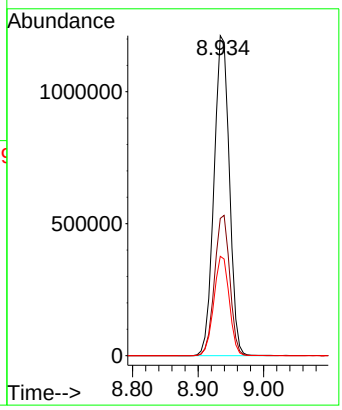


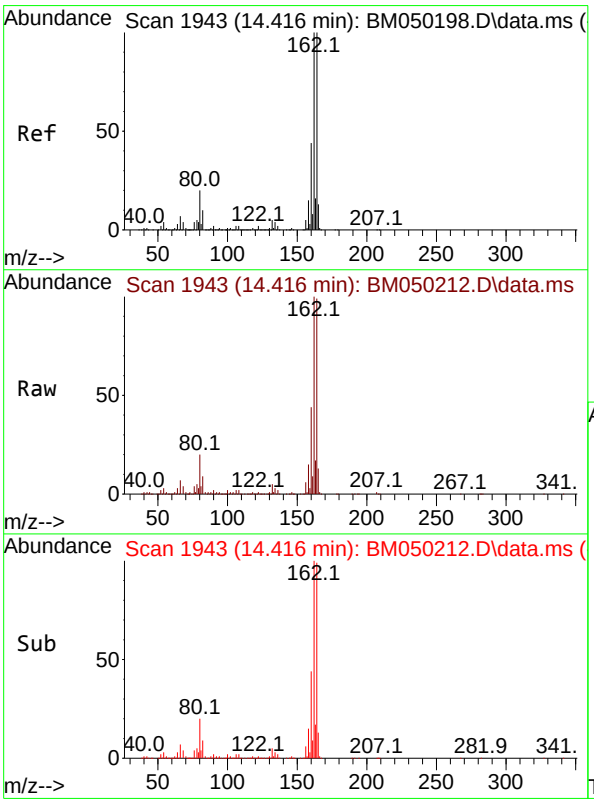
#23
Nitrobenzene-d5
Concen: 81.309 ng
RT: 8.934 min Scan# 1(
Delta R.T. -0.012 min
Lab File: BM050212.D
Acq: 06 Jun 2025 13:26

Instrument :
BNA_M
ClientSampleId :
COMP-12

Tgt Ion: 82 Resp: 1973411

Ion	Ratio	Lower	Upper
82	100		
128	42.9	35.2	52.8
54	31.1	24.5	36.7

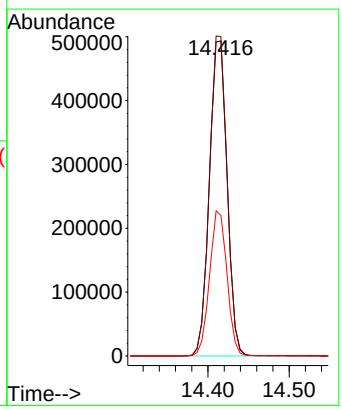


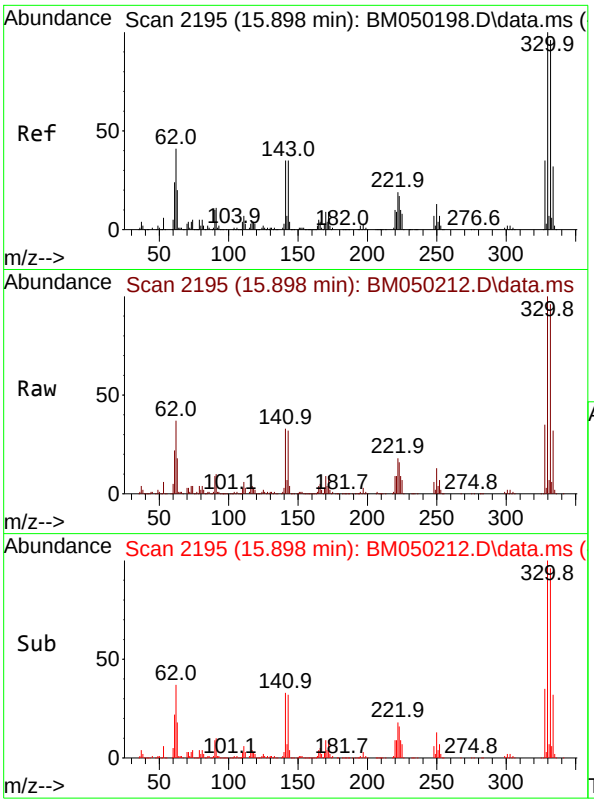


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.416 min Scan# 1943
Delta R.T. 0.000 min
Lab File: BM050212.D
Acq: 06 Jun 2025 13:26

Tgt Ion:164 Resp: 747393

Ion	Ratio	Lower	Upper
164	100		
162	101.4	80.2	120.4
160	44.6	35.7	53.5



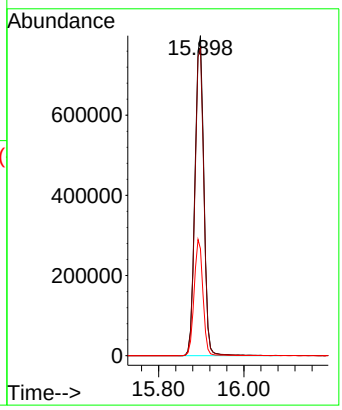


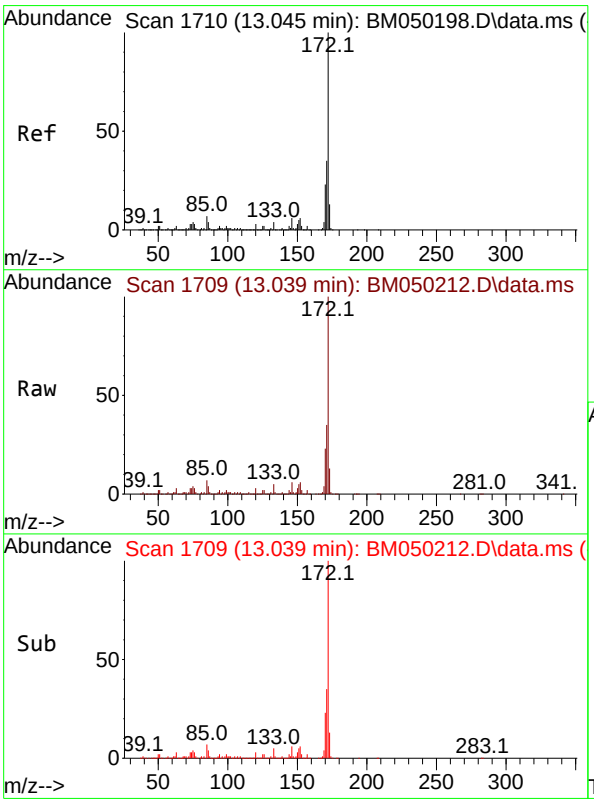
#42
2,4,6-Tribromophenol
Concen: 136.166 ng
RT: 15.898 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM050212.D
Acq: 06 Jun 2025 13:26

Instrument :
BNA_M
ClientSampleId :
COMP-12

Tgt Ion:330 Resp: 1157554

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.5	116.3
141	35.9	28.8	43.2

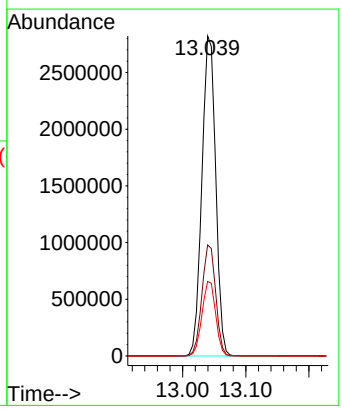


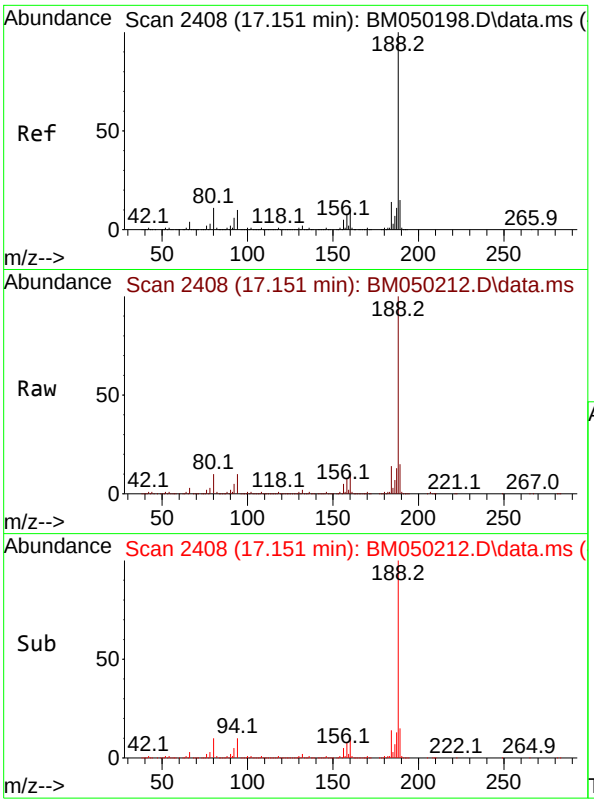


#45
2-Fluorobiphenyl
Concen: 77.674 ng
RT: 13.039 min Scan# 1709
Delta R.T. -0.012 min
Lab File: BM050212.D
Acq: 06 Jun 2025 13:26

Tgt Ion:172 Resp: 4287995

Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.8	41.6
170	23.3	18.6	27.8



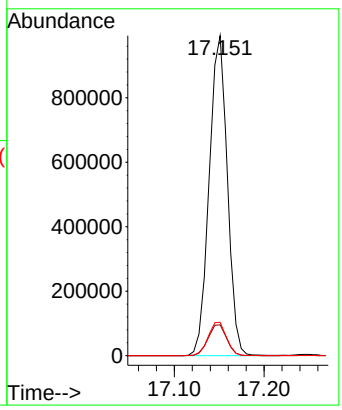


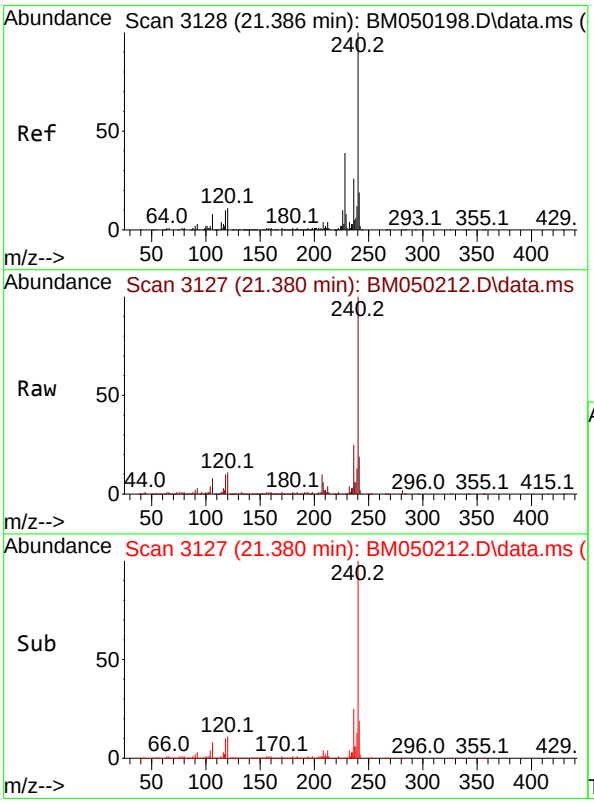
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.151 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM050212.D
Acq: 06 Jun 2025 13:26

Instrument :
BNA_M
ClientSampleId :
COMP-12

Tgt Ion:188 Resp: 1395636

Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.1	12.1
80	10.5	8.6	13.0

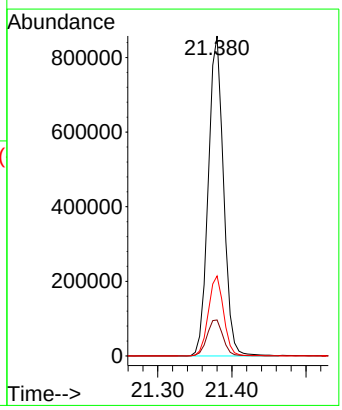


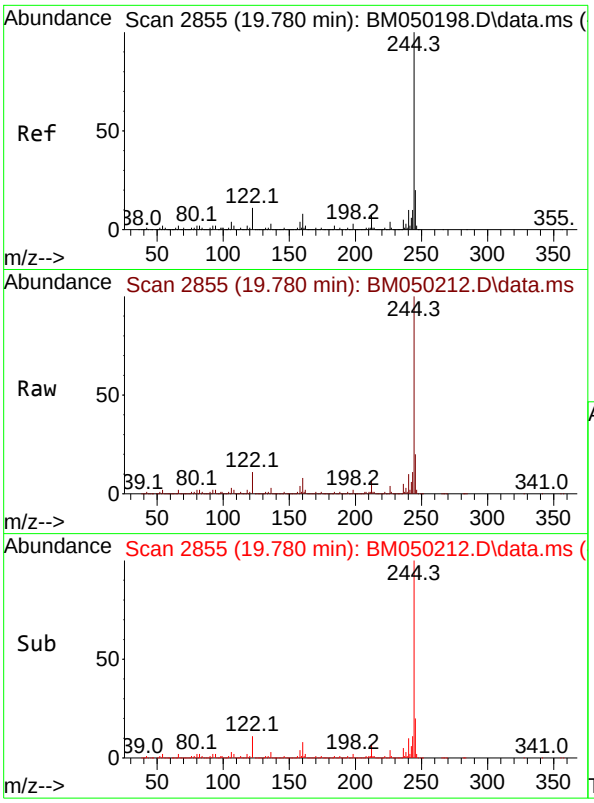


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.380 min Scan# 3127
Delta R.T. -0.006 min
Lab File: BM050212.D
Acq: 06 Jun 2025 13:26

Tgt Ion:240 Resp: 1224508

Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.0	13.4
236	25.0	20.7	31.1



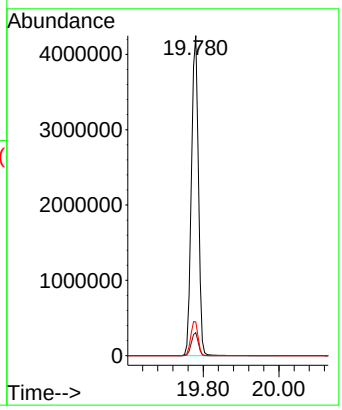


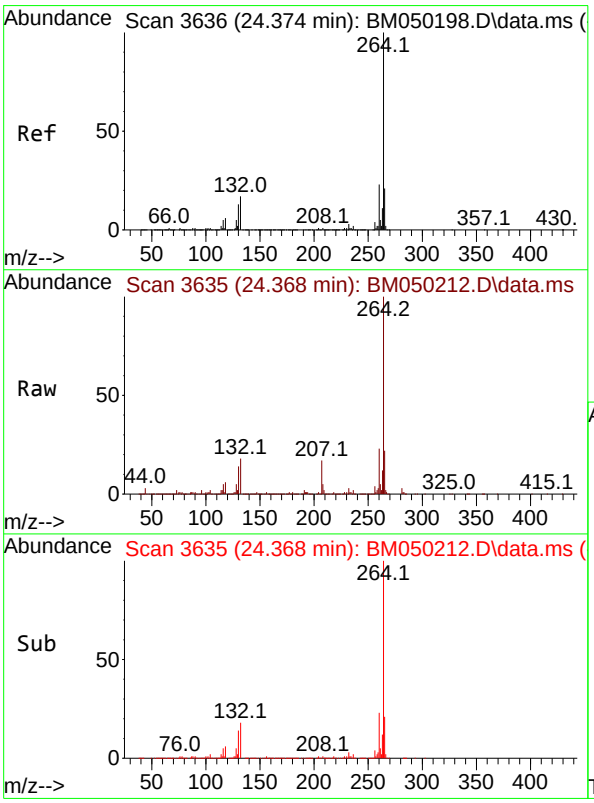
#79
Terphenyl-d14
Concen: 84.114 ng
RT: 19.780 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050212.D
Acq: 06 Jun 2025 13:26

Instrument :
BNA_M
ClientSampleId :
COMP-12

Tgt Ion:244 Resp: 5435181

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	10.6	8.6	12.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.368 min Scan# 3635
Delta R.T. -0.006 min
Lab File: BM050212.D
Acq: 06 Jun 2025 13:26

Tgt Ion:264 Resp: 1241044

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.6	28.0
265	21.6	16.8	25.2