Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042325\
Data File : BM050008.D
Acq On : 23 Apr 2025 11:17
Operator : RC/JU
Sample : PB167694BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167694BL

Quant Time: Apr 23 12:00:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 09 04:00:55 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	312305	20.000	ng	-0.02
21) Naphthalene-d8	10.557	136	1057719	20.000	ng	-0.02
39) Acenaphthene-d10	14.410	164	668194	20.000	ng	-0.01
64) Phenanthrene-d10	17.162	188	1253148	20.000	ng	0.00
76) Chrysene-d12	21.403	240	1043995	20.000	ng	0.00
86) Perylene-d12	24.409	264	1062060	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	2198021	119.512	ng	0.00
7) Phenol-d6	6.951	99	2576306	112.588	ng	0.00
23) Nitrobenzene-d5	8.922	82	1588503	83.629	ng	-0.01
42) 2,4,6-Tribromophenol	15.909	330	1203749	123.854	ng	0.00
45) 2-Fluorobiphenyl	13.027	172	4153838	84.297	ng	-0.02
79) Terphenyl-d14	19.780	244	5938919	106.608	ng	-0.01
Target Compounds						Qvalue

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

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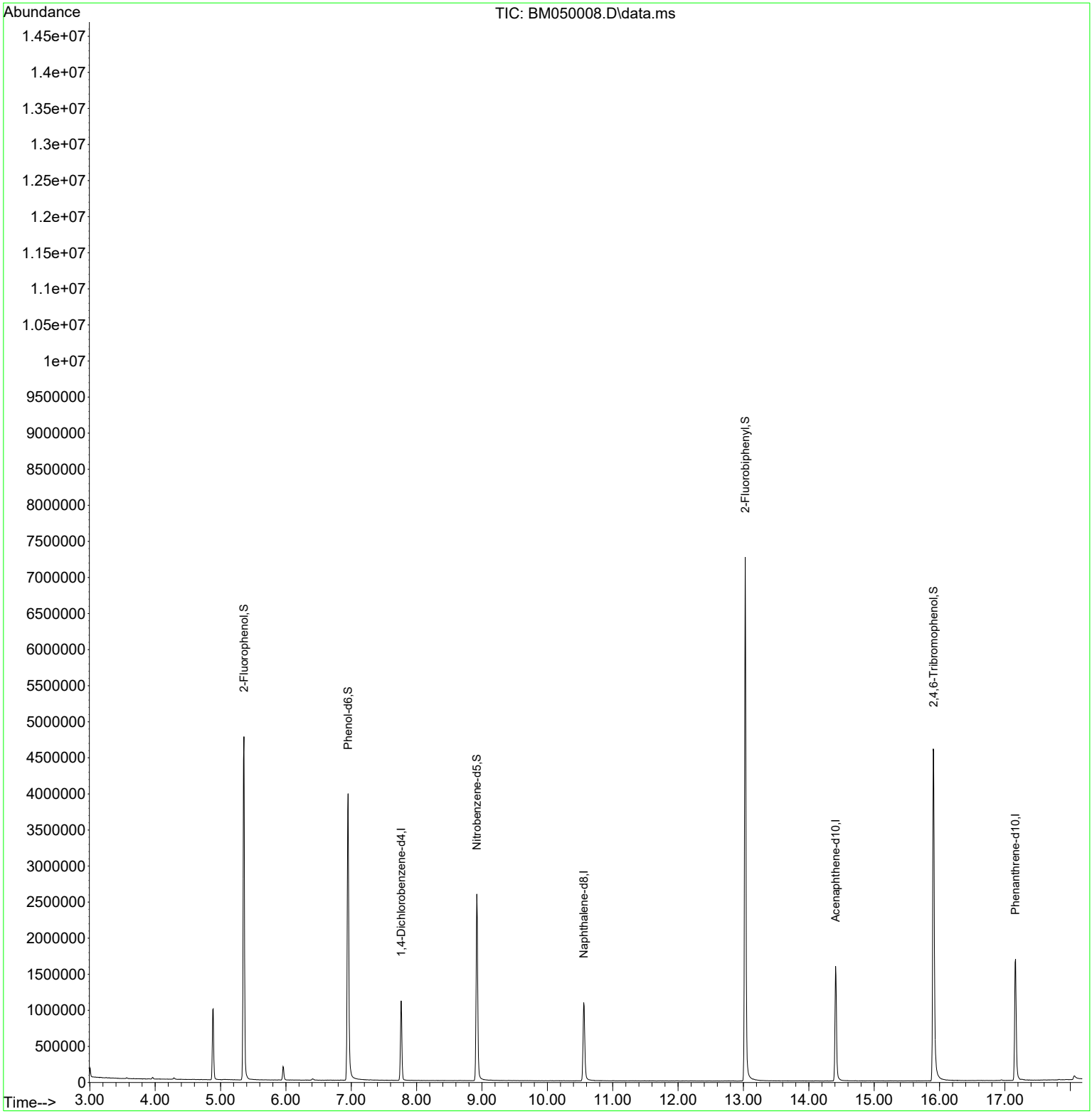

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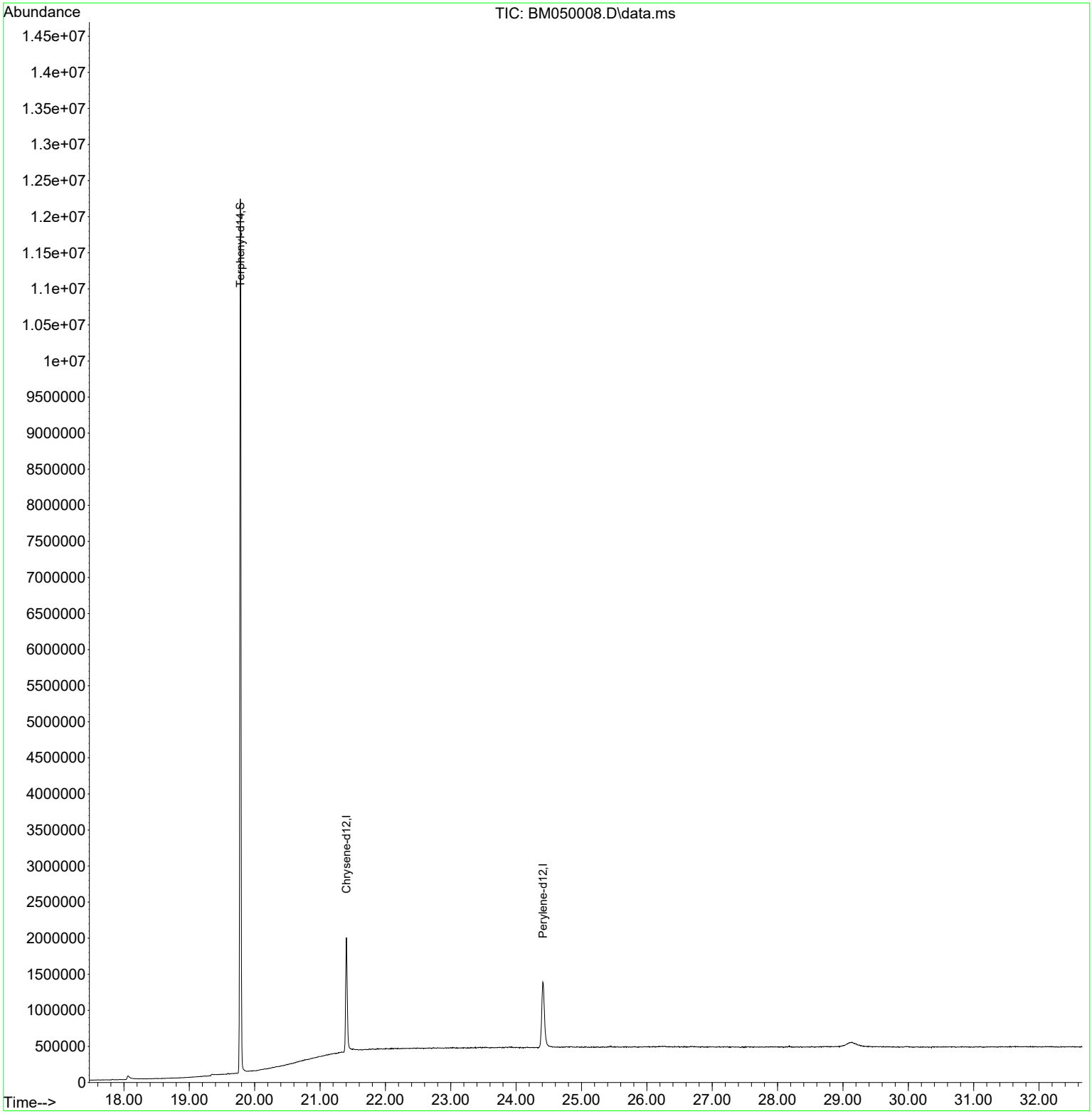
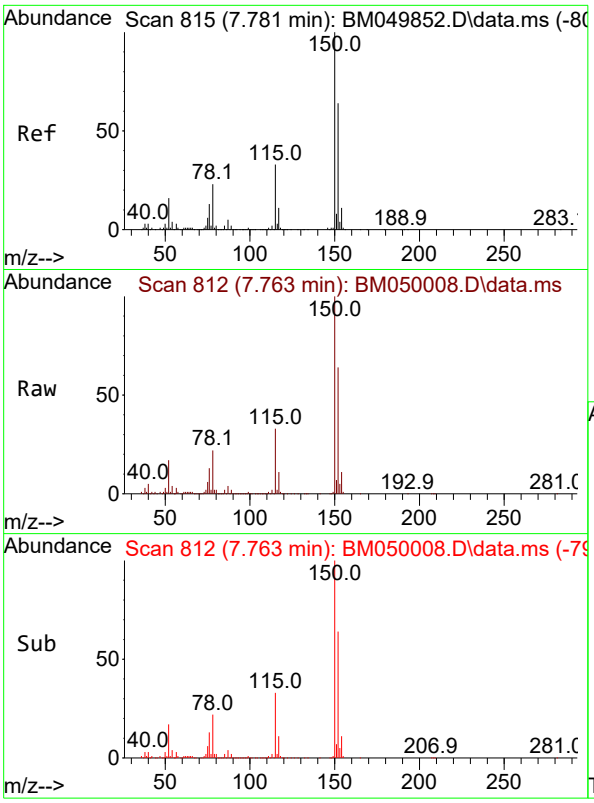


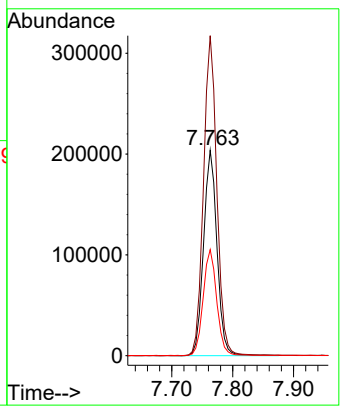


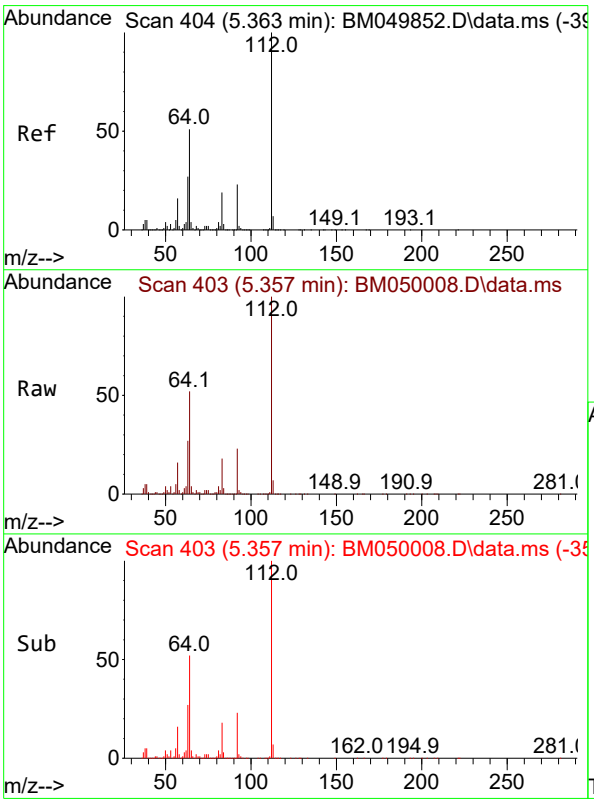
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 8
Delta R.T. -0.018 min
Lab File: BM050008.D
Acq: 23 Apr 2025 11:17

Instrument :
BNA_M
ClientSampleId :
PB167694BL

Tgt Ion:152 Resp: 312305

Ion	Ratio	Lower	Upper
152	100		
150	155.7	124.3	186.5
115	51.6	41.1	61.7

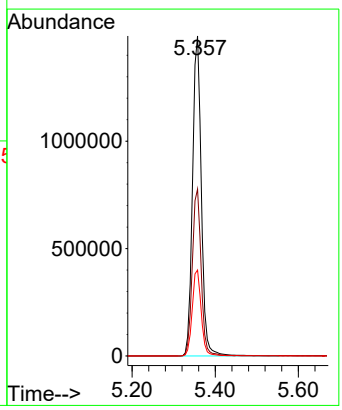


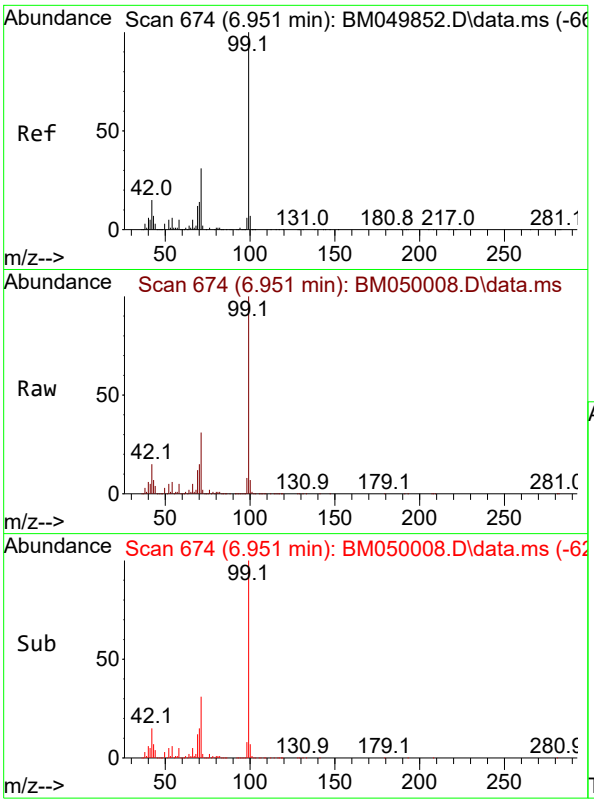


#5
2-Fluorophenol
Concen: 119.512 ng
RT: 5.357 min Scan# 403
Delta R.T. -0.006 min
Lab File: BM050008.D
Acq: 23 Apr 2025 11:17

Tgt Ion:112 Resp: 2198021

Ion	Ratio	Lower	Upper
112	100		
64	52.1	41.0	61.6
63	26.8	21.5	32.3



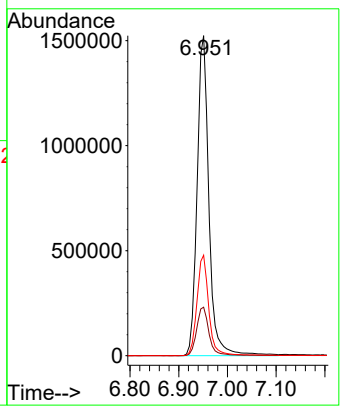


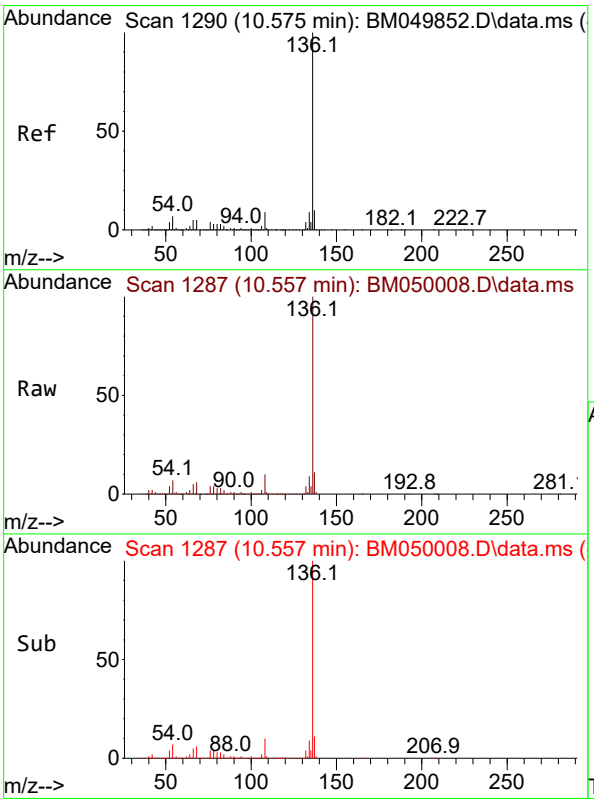
#7
Phenol-d6
Concen: 112.588 ng
RT: 6.951 min Scan# 6
Delta R.T. -0.000 min
Lab File: BM050008.D
Acq: 23 Apr 2025 11:17

Instrument :
BNA_M
ClientSampleId :
PB167694BL

Tgt Ion: 99 Resp: 2576306

Ion	Ratio	Lower	Upper
99	100		
42	15.2	12.1	18.1
71	31.4	24.9	37.3

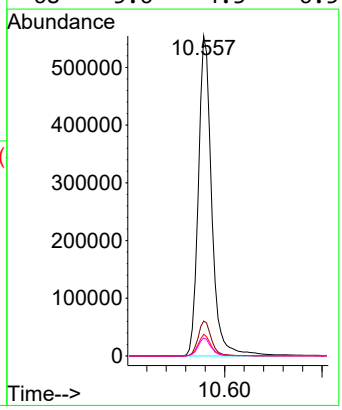


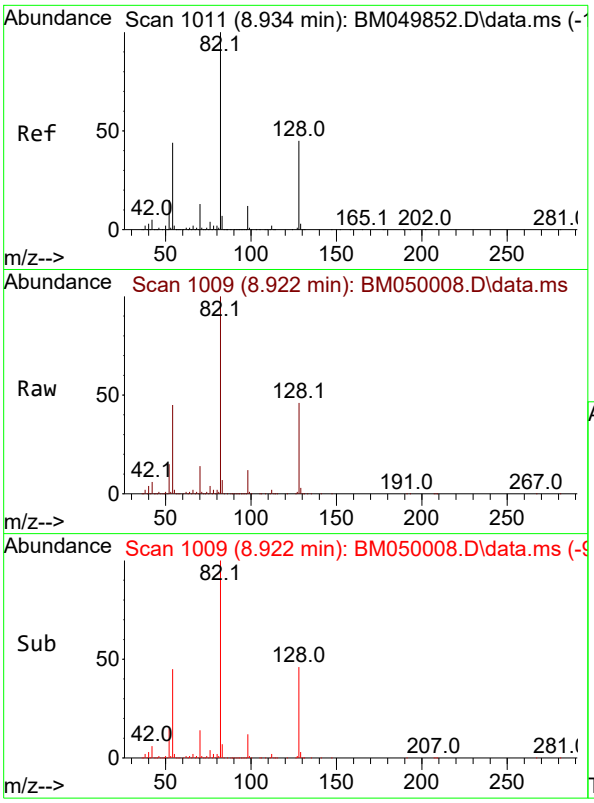


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.557 min Scan# 1287
Delta R.T. -0.018 min
Lab File: BM050008.D
Acq: 23 Apr 2025 11:17

Tgt Ion:136 Resp: 1057719

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	6.8	5.3	7.9
68	5.6	4.3	6.5



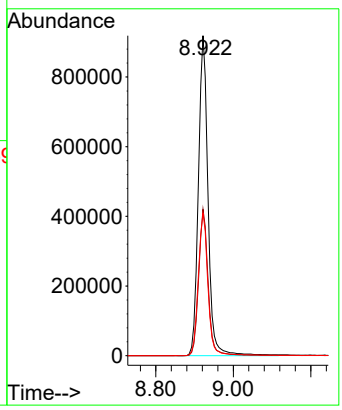


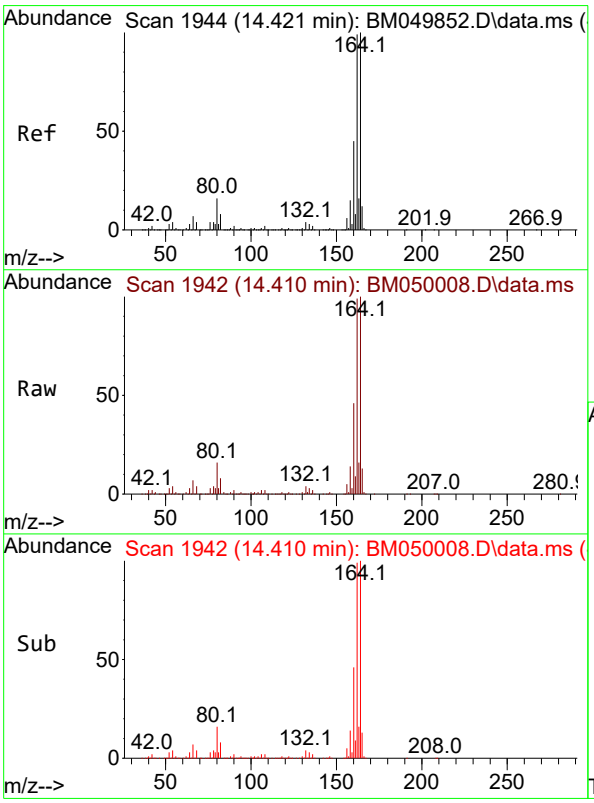
#23
Nitrobenzene-d5
Concen: 83.629 ng
RT: 8.922 min Scan# 1(
Delta R.T. -0.012 min
Lab File: BM050008.D
Acq: 23 Apr 2025 11:17

Instrument :
BNA_M
ClientSampleId :
PB167694BL

Tgt Ion: 82 Resp: 1588503

Ion	Ratio	Lower	Upper
82	100		
128	45.8	36.2	54.2
54	44.5	35.0	52.6

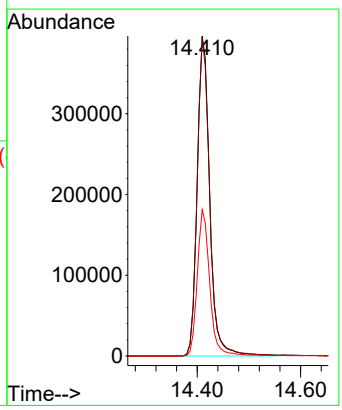


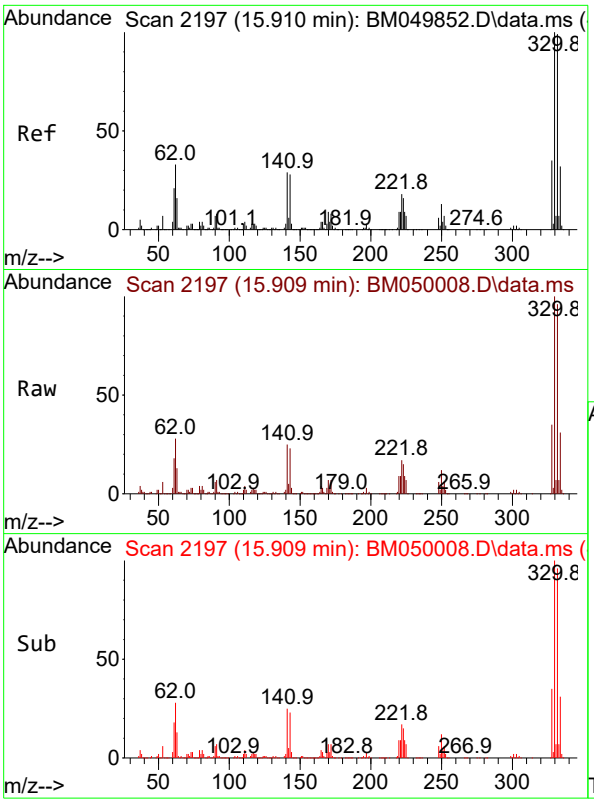


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1942
Delta R.T. -0.012 min
Lab File: BM050008.D
Acq: 23 Apr 2025 11:17

Tgt Ion:164 Resp: 668194

Ion	Ratio	Lower	Upper
164	100		
162	99.3	79.4	119.0
160	45.7	36.2	54.2



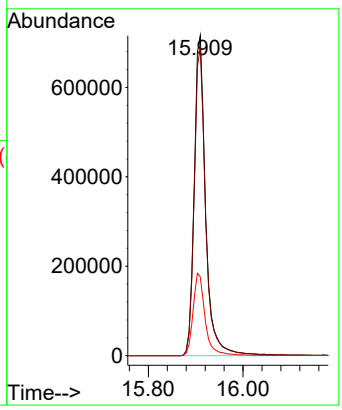


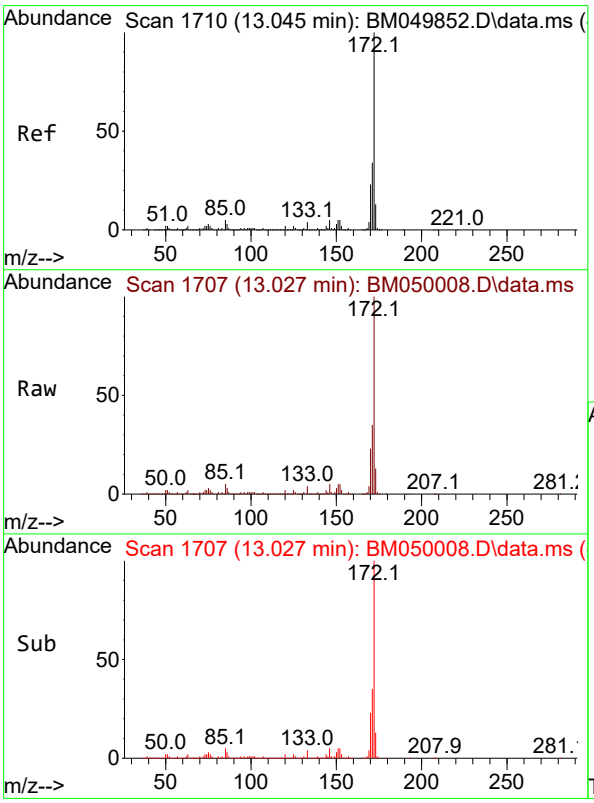
#42
2,4,6-Tribromophenol
Concen: 123.854 ng
RT: 15.909 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM050008.D
Acq: 23 Apr 2025 11:17

Instrument :
BNA_M
ClientSampleId :
PB167694BL

Tgt Ion:330 Resp: 1203749

Ion	Ratio	Lower	Upper
330	100		
332	96.9	78.0	117.0
141	27.2	23.5	35.3

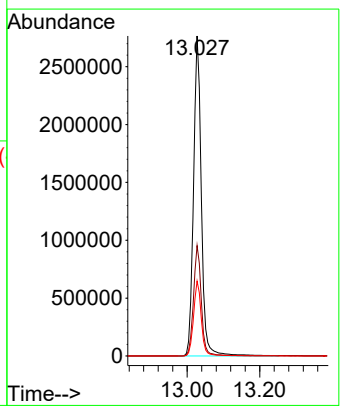


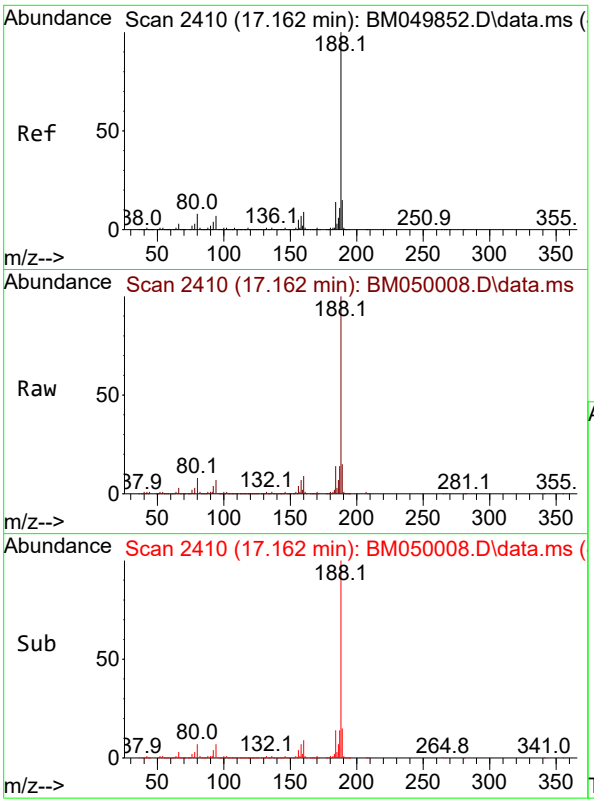


#45
2-Fluorobiphenyl
Concen: 84.297 ng
RT: 13.027 min Scan# 1707
Delta R.T. -0.018 min
Lab File: BM050008.D
Acq: 23 Apr 2025 11:17

Tgt Ion:172 Resp: 4153838

Ion	Ratio	Lower	Upper
172	100		
171	34.5	27.4	41.2
170	23.4	18.6	28.0



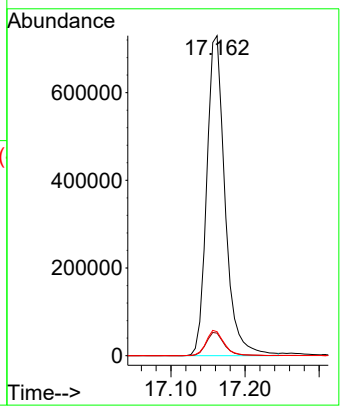


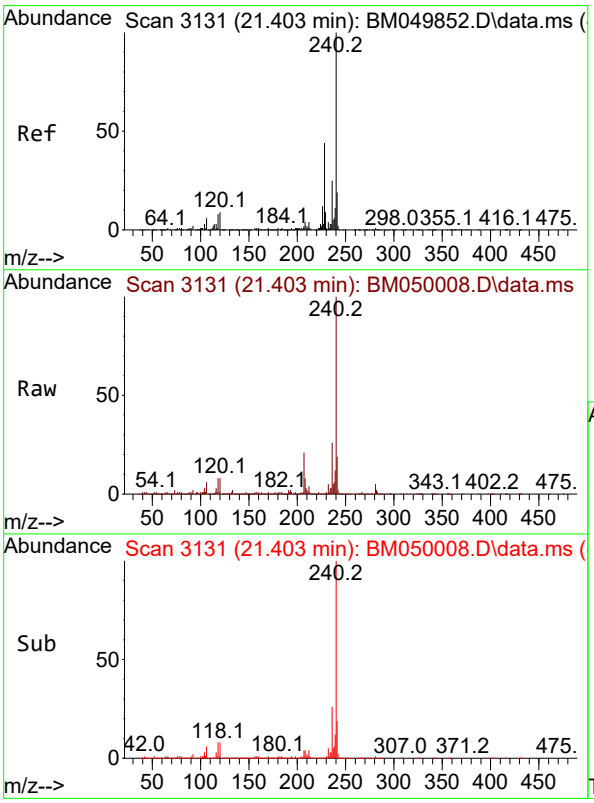
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.162 min Scan# 24
Delta R.T. -0.000 min
Lab File: BM050008.D
Acq: 23 Apr 2025 11:17

Instrument :
BNA_M
ClientSampleId :
PB167694BL

Tgt Ion:188 Resp: 1253148

Ion	Ratio	Lower	Upper
188	100		
94	7.0	5.8	8.6
80	7.5	6.4	9.6

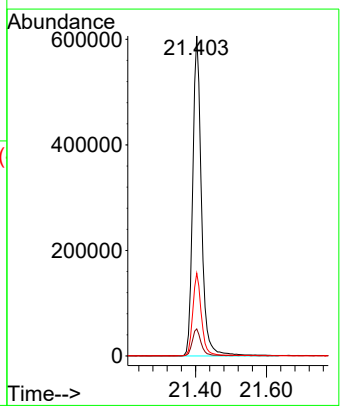


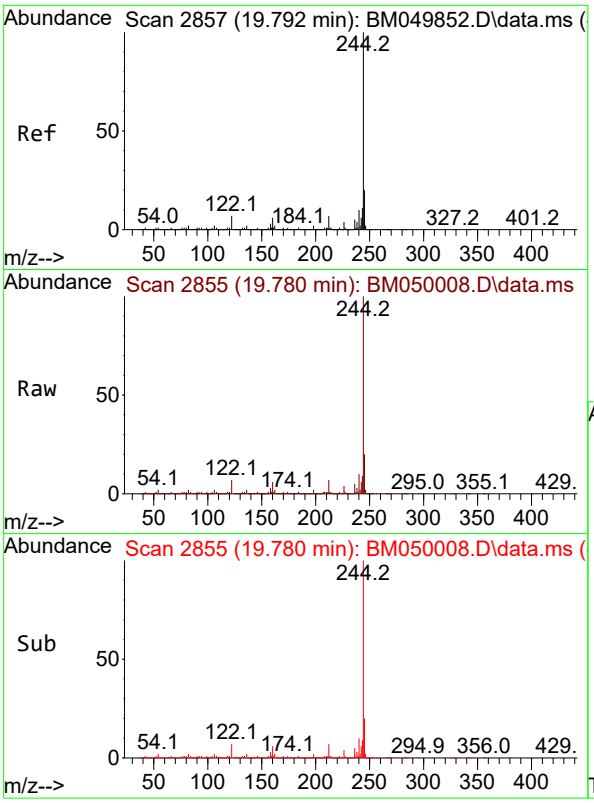


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.403 min Scan# 3131
Delta R.T. -0.000 min
Lab File: BM050008.D
Acq: 23 Apr 2025 11:17

Tgt Ion:240 Resp: 1043995

Ion	Ratio	Lower	Upper
240	100		
120	8.5	6.9	10.3
236	25.8	20.4	30.6



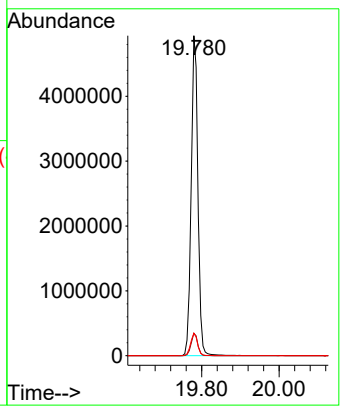


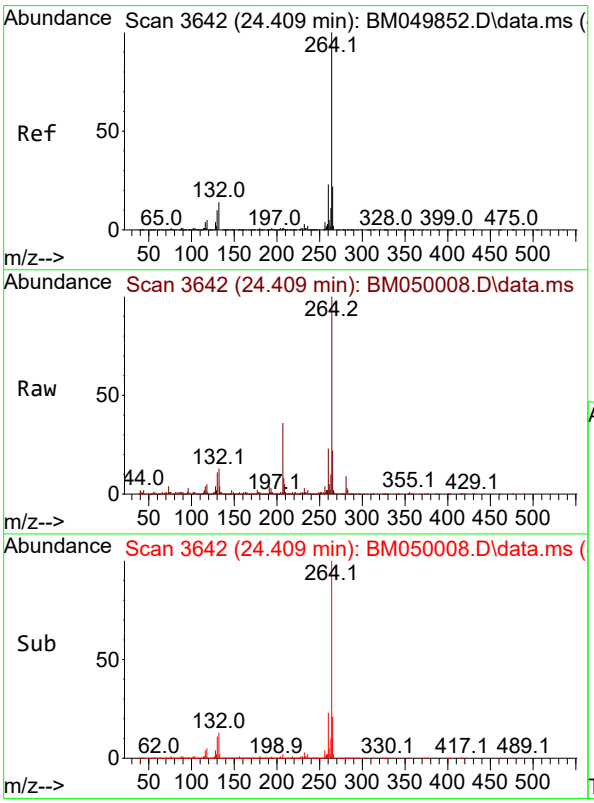
#79
Terphenyl-d14
Concen: 106.608 ng
RT: 19.780 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050008.D
Acq: 23 Apr 2025 11:17

Instrument :
BNA_M
ClientSampleId :
PB167694BL

Tgt Ion:244 Resp: 5938919

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.5	8.3
122	7.0	5.4	8.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.409 min Scan# 3642
Delta R.T. -0.000 min
Lab File: BM050008.D
Acq: 23 Apr 2025 11:17

Tgt Ion:264 Resp: 1062060

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.6	28.0
265	21.9	17.8	26.8