Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM043025\
Data File : BM050049.D
Acq On : 30 Apr 2025 17:23
Operator : RC/JU
Sample : Q1889-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COMP-2

Quant Time: Apr 30 17:58:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	252068	20.000	ng	0.00
21) Naphthalene-d8	10.563	136	894770	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	606447	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	1171426	20.000	ng	0.00
76) Chrysene-d12	21.398	240	1105914	20.000	ng	0.00
86) Perylene-d12	24.397	264	1173847	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.352	112	1371063	95.245	ng	0.00
7) Phenol-d6	6.946	99	1732188	95.739	ng	0.00
23) Nitrobenzene-d5	8.922	82	1037353	57.129	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	829360	92.489	ng	0.00
45) 2-Fluorobiphenyl	13.028	172	2660312	51.894	ng	0.00
79) Terphenyl-d14	19.780	244	4448897	59.527	ng	0.00
Target Compounds						Qvalue

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

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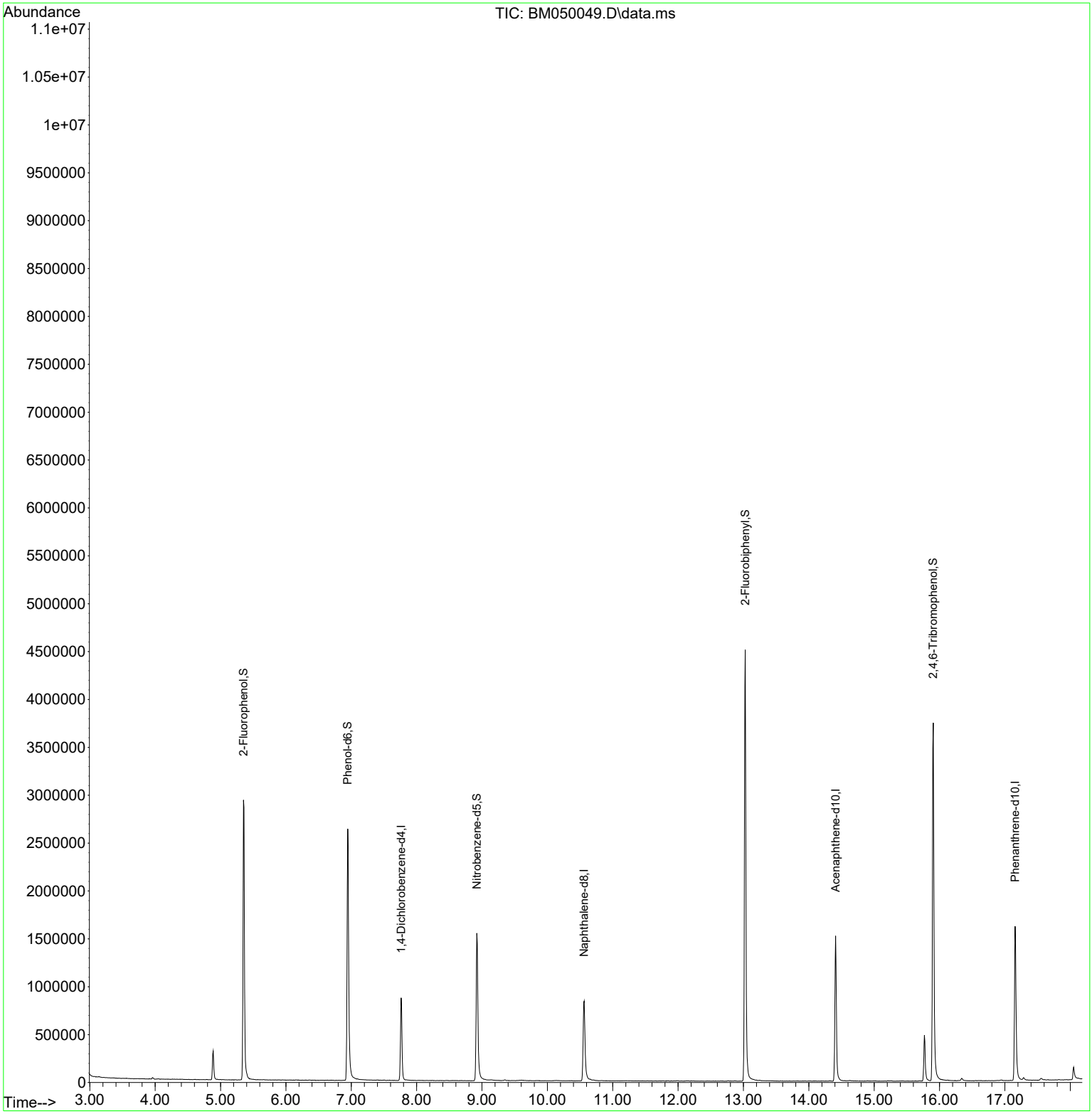

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM043025\
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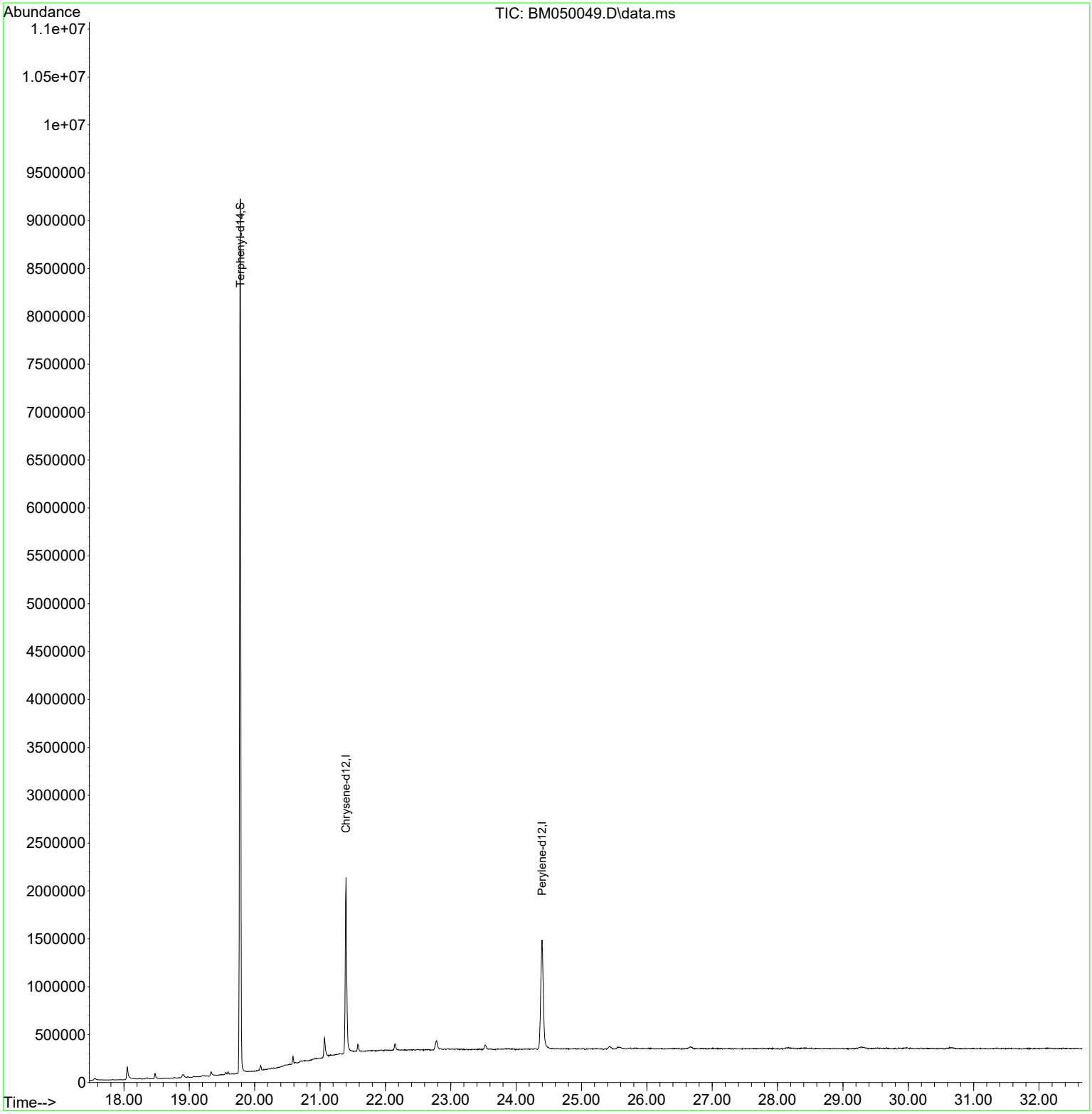
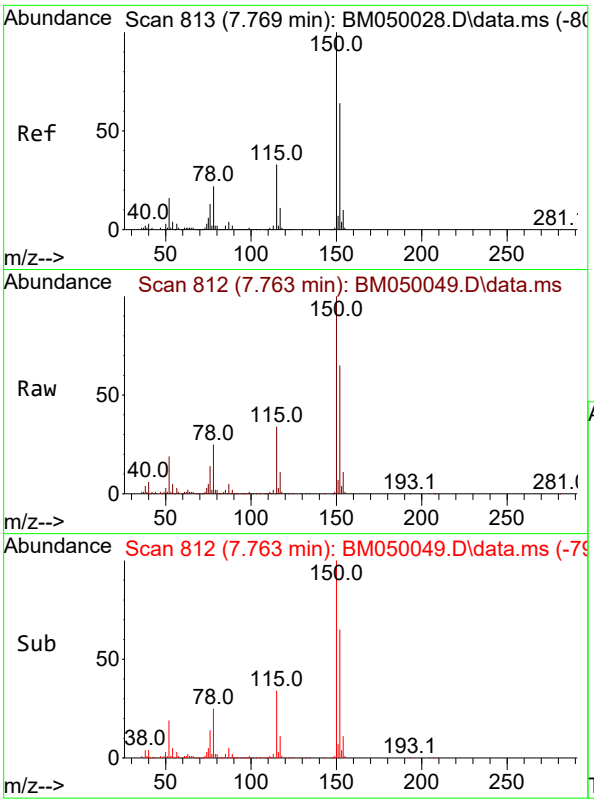


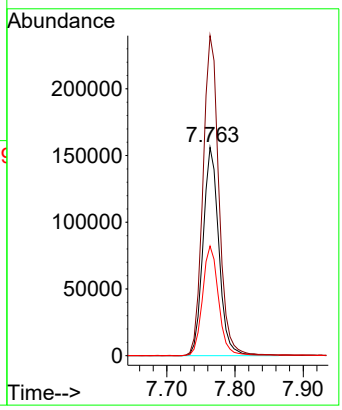


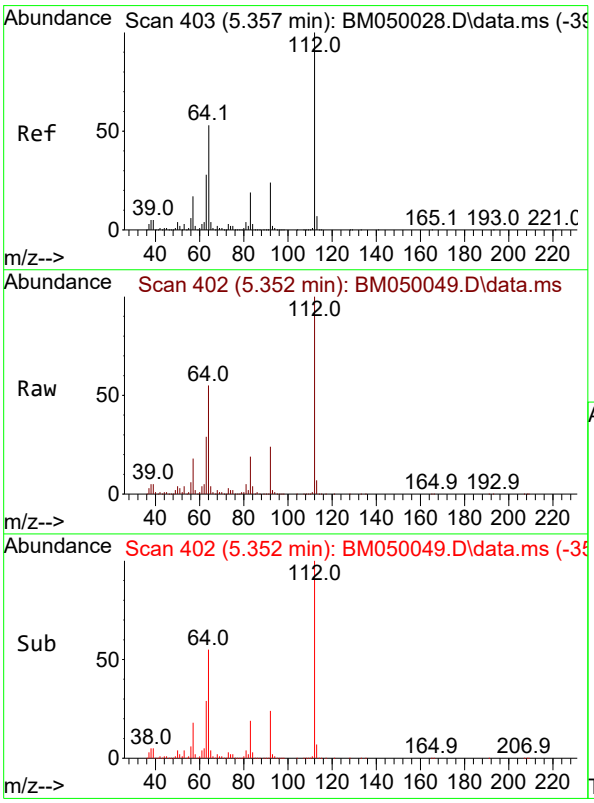
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 8
Delta R.T. -0.006 min
Lab File: BM050049.D
Acq: 30 Apr 2025 17:23

Instrument :
BNA_M
ClientSampleId :
COMP-2

Tgt Ion:152 Resp: 252068

Ion	Ratio	Lower	Upper
152	100		
150	153.6	124.1	186.1
115	52.6	41.2	61.8

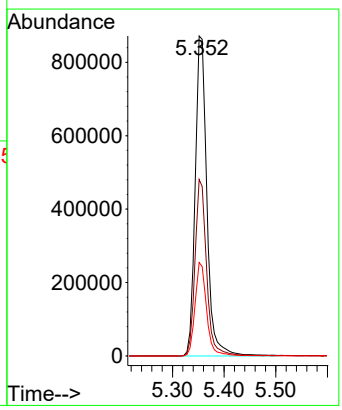


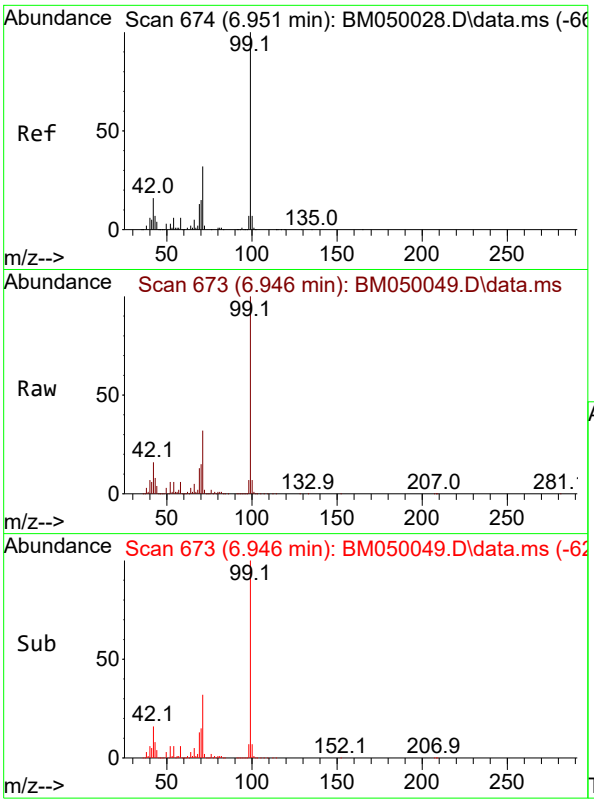


#5
2-Fluorophenol
Concen: 95.245 ng
RT: 5.352 min Scan# 402
Delta R.T. -0.006 min
Lab File: BM050049.D
Acq: 30 Apr 2025 17:23

Tgt Ion:112 Resp: 1371063

Ion	Ratio	Lower	Upper
112	100		
64	55.1	42.6	64.0
63	29.2	22.2	33.4



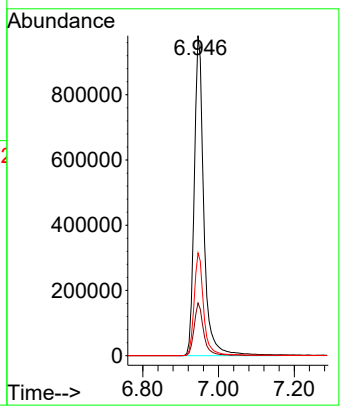


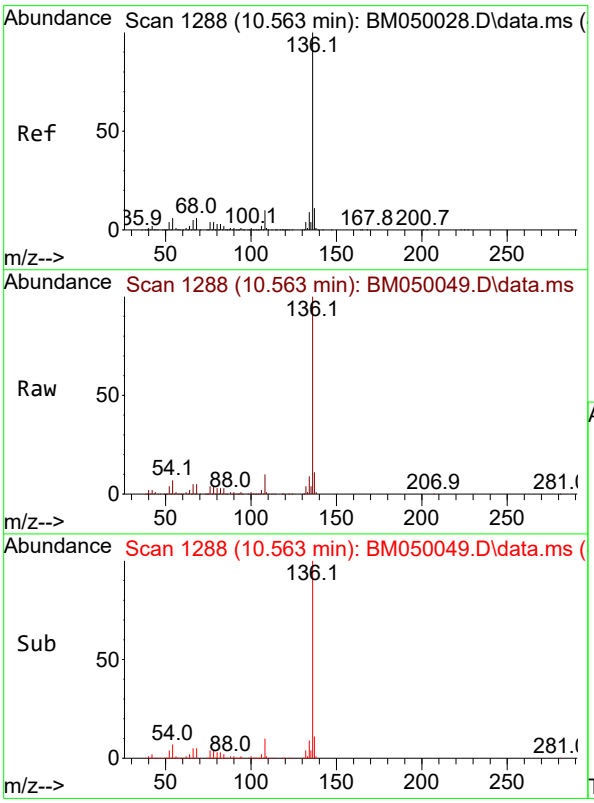
#7
Phenol-d6
Concen: 95.739 ng
RT: 6.946 min Scan# 6
Delta R.T. -0.006 min
Lab File: BM050049.D
Acq: 30 Apr 2025 17:23

Instrument :
BNA_M
ClientSampleId :
COMP-2

Tgt Ion: 99 Resp: 1732188

Ion	Ratio	Lower	Upper
99	100		
42	16.4	13.0	19.4
71	32.1	25.6	38.4

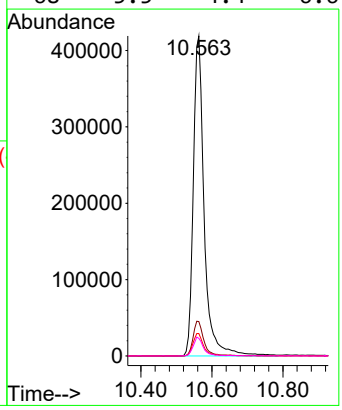


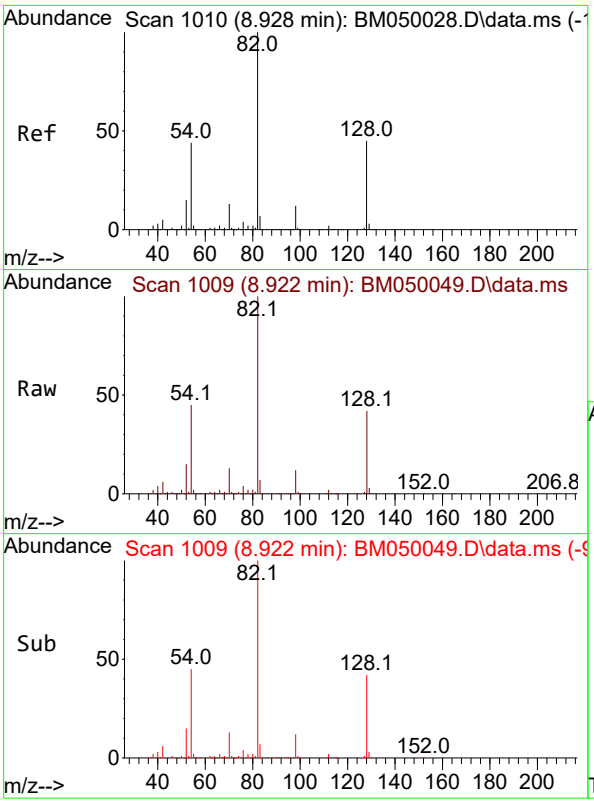


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BM050049.D
Acq: 30 Apr 2025 17:23

Tgt Ion:136 Resp: 894770

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.0	5.1	7.7
68	5.5	4.4	6.6



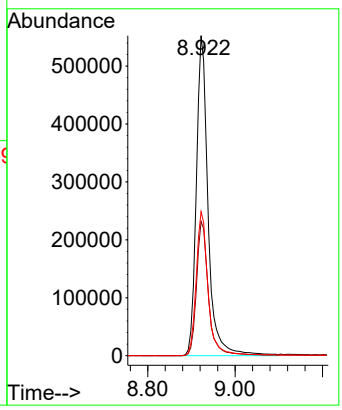


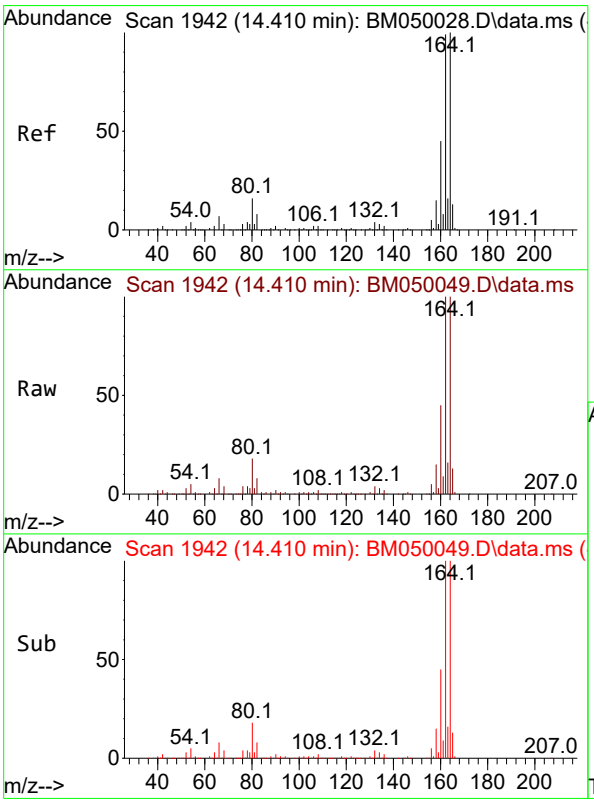
#23
Nitrobenzene-d5
Concen: 57.129 ng
RT: 8.922 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050049.D
Acq: 30 Apr 2025 17:23

Instrument :
BNA_M
ClientSampleId :
COMP-2

Tgt Ion: 82 Resp: 1037353

Ion	Ratio	Lower	Upper
82	100		
128	42.0	35.7	53.5
54	45.0	35.4	53.2

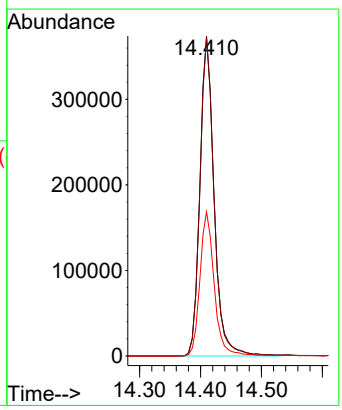


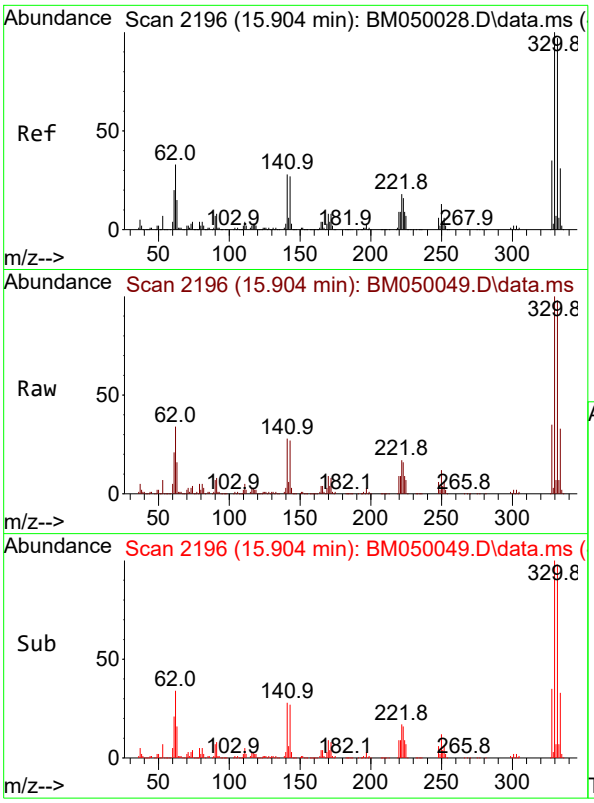


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1942
Delta R.T. -0.000 min
Lab File: BM050049.D
Acq: 30 Apr 2025 17:23

Tgt Ion:164 Resp: 606447

Ion	Ratio	Lower	Upper
164	100		
162	100.3	79.4	119.0
160	45.2	36.2	54.4



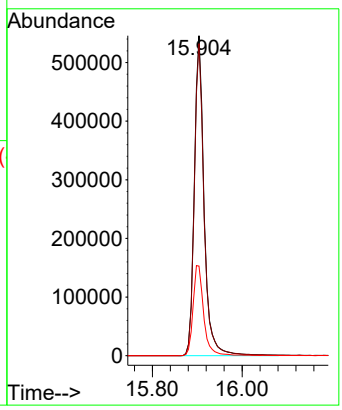


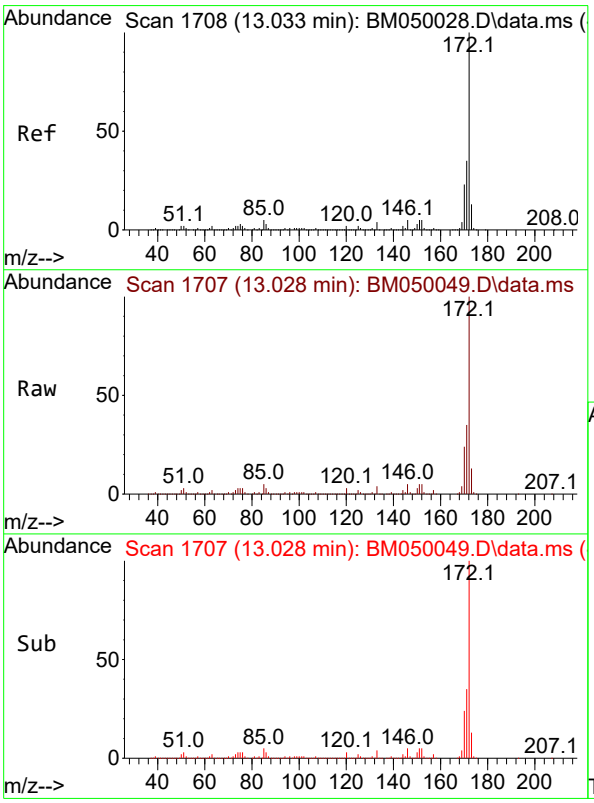
#42
2,4,6-Tribromophenol
Concen: 92.489 ng
RT: 15.904 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050049.D
Acq: 30 Apr 2025 17:23

Instrument :
BNA_M
ClientSampleId :
COMP-2

Tgt Ion:330 Resp: 829360

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.3	115.9
141	30.2	22.5	33.7

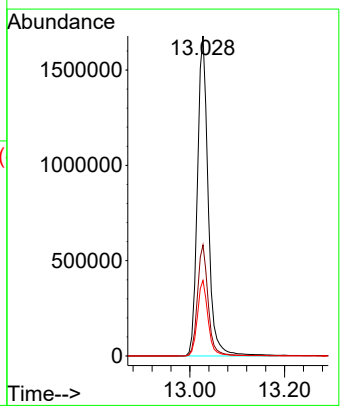


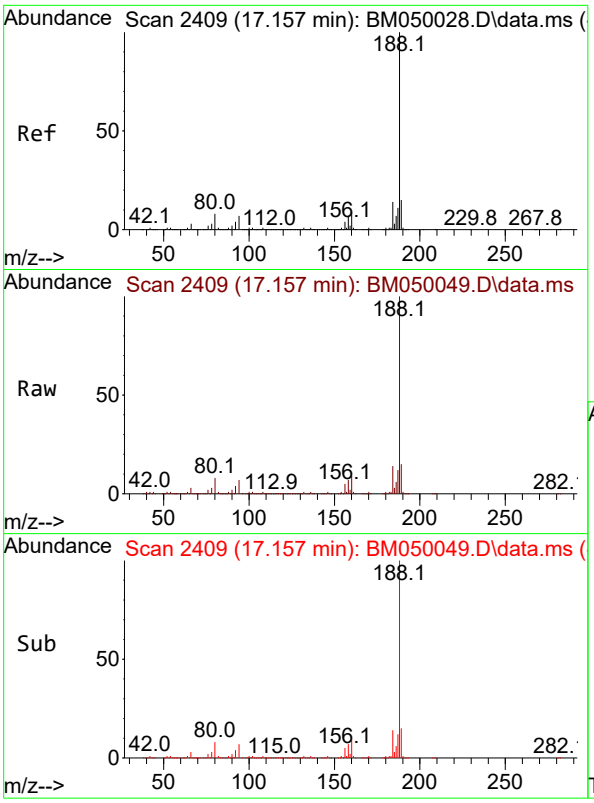


#45
2-Fluorobiphenyl
Concen: 51.894 ng
RT: 13.028 min Scan# 1707
Delta R.T. -0.006 min
Lab File: BM050049.D
Acq: 30 Apr 2025 17:23

Tgt Ion:172 Resp: 2660312

Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.8	41.6
170	23.6	18.6	28.0



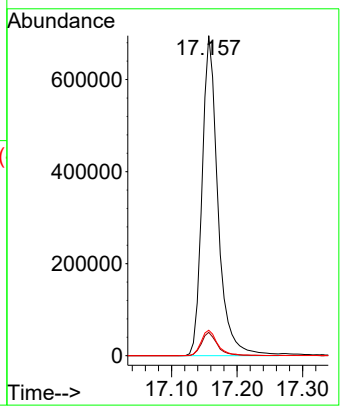


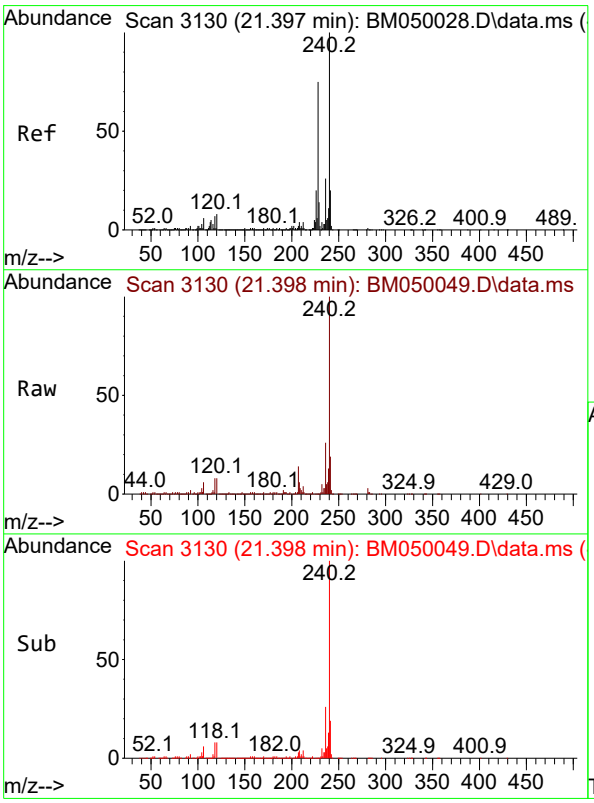
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 24
Delta R.T. -0.000 min
Lab File: BM050049.D
Acq: 30 Apr 2025 17:23

Instrument :
BNA_M
ClientSampleId :
COMP-2

Tgt Ion:188 Resp: 1171426

Ion	Ratio	Lower	Upper
188	100		
94	7.3	5.7	8.5
80	8.0	6.2	9.4

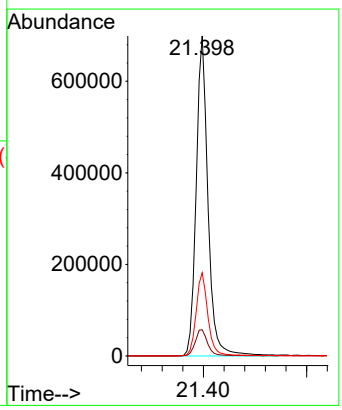


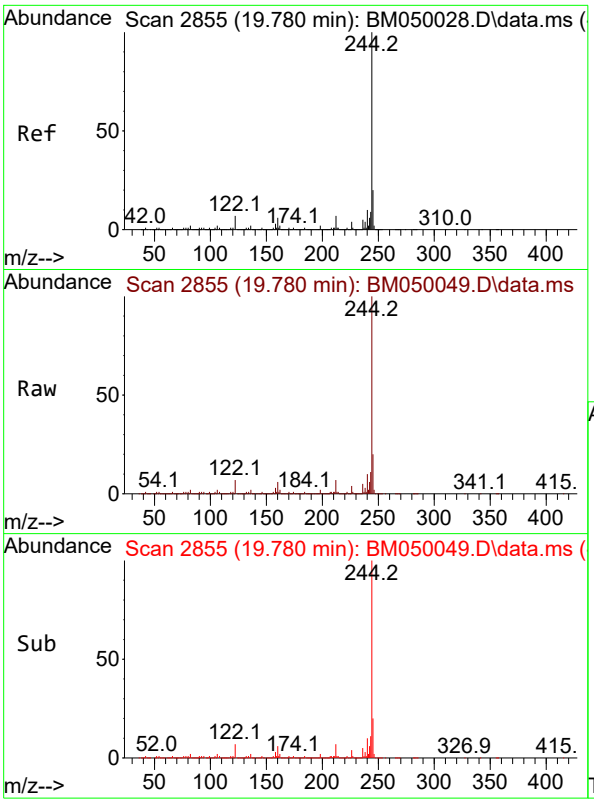


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.398 min Scan# 3130
Delta R.T. 0.001 min
Lab File: BM050049.D
Acq: 30 Apr 2025 17:23

Tgt Ion:240 Resp: 1105914

Ion	Ratio	Lower	Upper
240	100		
120	8.2	6.5	9.7
236	26.0	20.9	31.3



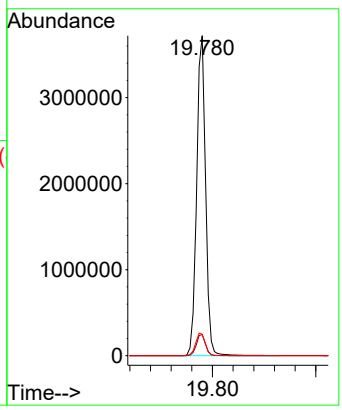


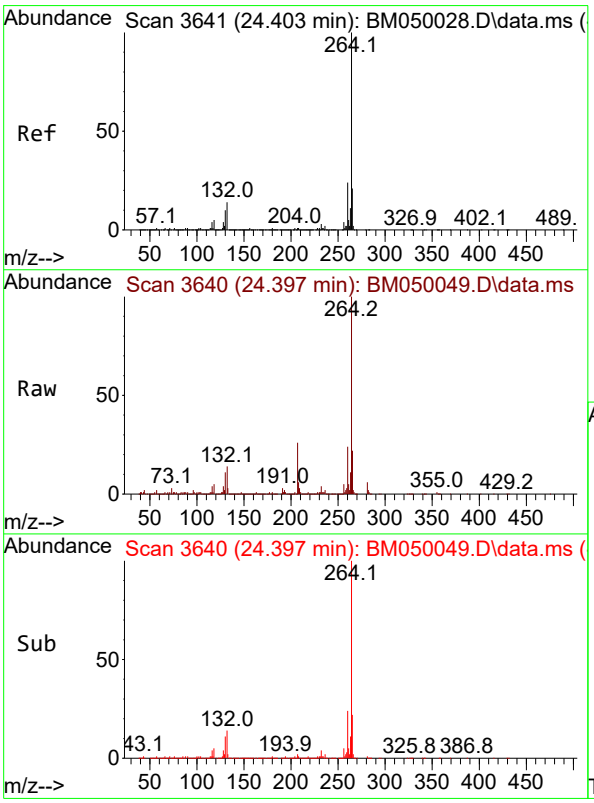
#79
Terphenyl-d14
Concen: 59.527 ng
RT: 19.780 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050049.D
Acq: 30 Apr 2025 17:23

Instrument :
BNA_M
ClientSampleId :
COMP-2

Tgt Ion:244 Resp: 4448897

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.6	8.4
122	6.7	5.6	8.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.397 min Scan# 3640
Delta R.T. -0.006 min
Lab File: BM050049.D
Acq: 30 Apr 2025 17:23

Tgt Ion:264 Resp: 1173847

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.8	28.2
265	22.2	17.0	25.4