Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041625\
Data File : BM049945.D
Acq On : 16 Apr 2025 10:07
Operator : RC/JU
Sample : PB167561BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167561BL

Quant Time: Apr 16 11:51:49 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	7.769	152	310343	20.000	ng	-0.01
21) Naphthalene-d8	10.563	136	1063536	20.000	ng	-0.01
39) Acenaphthene-d10	14.416	164	678492	20.000	ng	0.00
64) Phenanthrene-d10	17.162	188	1318072	20.000	ng	0.00
76) Chrysene-d12	21.403	240	1245979	20.000	ng	0.00
86) Perylene-d12	24.409	264	1372280	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	2279543	124.728	ng	0.00
7) Phenol-d6	6.951	99	2734266	120.246	ng	0.00
23) Nitrobenzene-d5	8.928	82	1657351	86.777	ng	0.00
42) 2,4,6-Tribromophenol	15.910	330	1319509	133.704	ng	0.00
45) 2-Fluorobiphenyl	13.033	172	4318879	86.316	ng	-0.01
79) Terphenyl-d14	19.786	244	7025803	105.674	ng	0.00
Target Compounds						Qvalue

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

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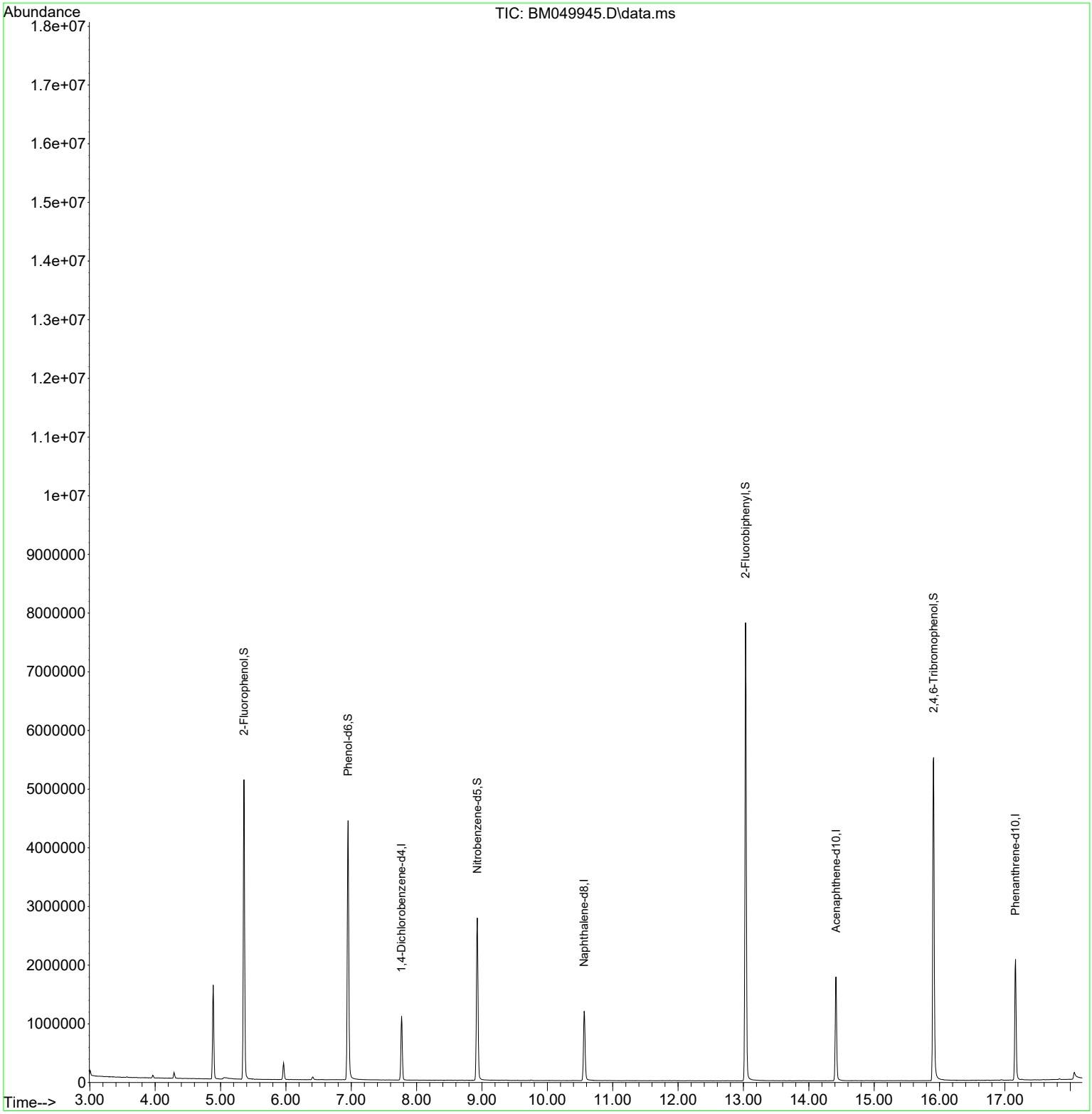

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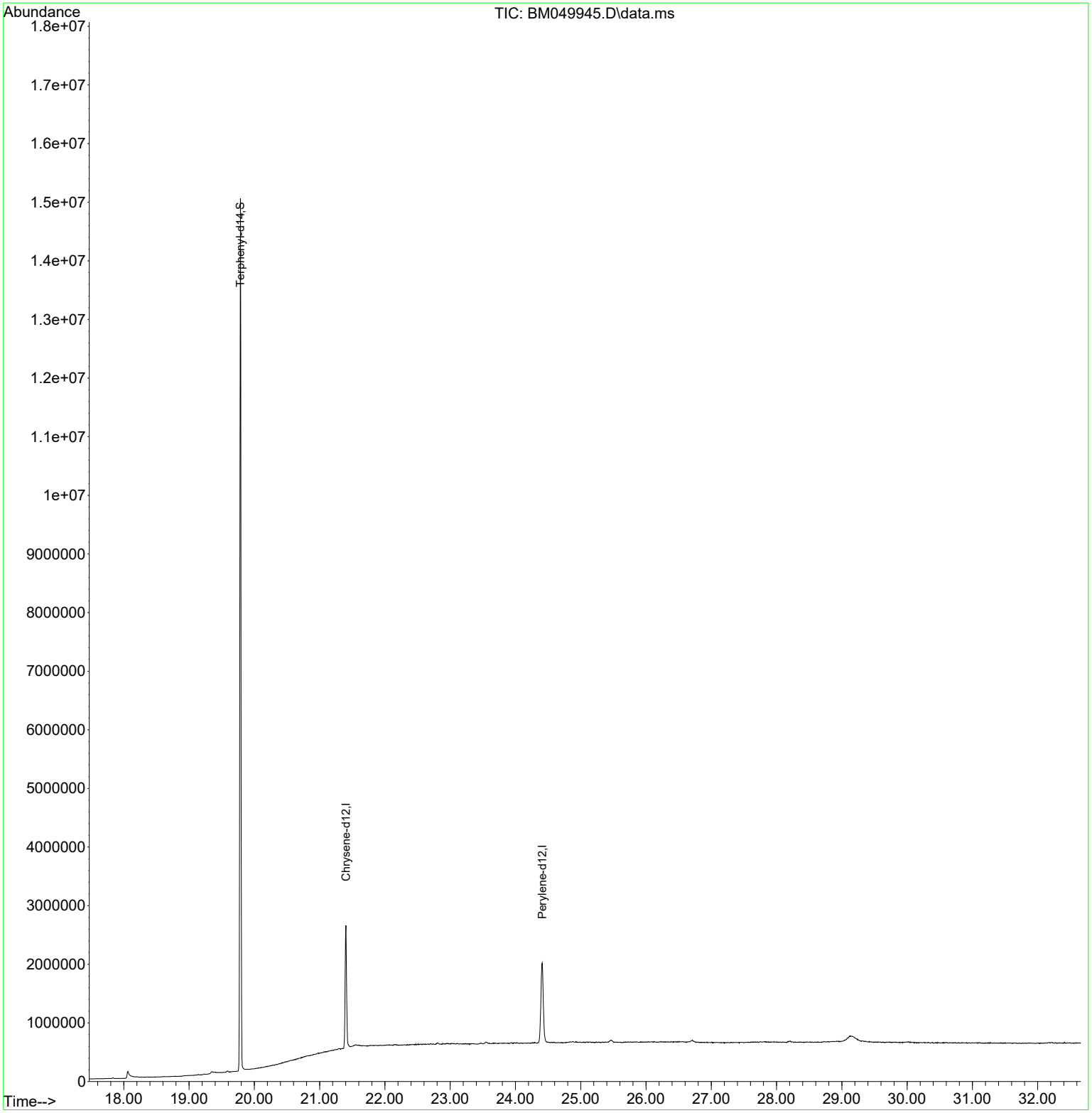
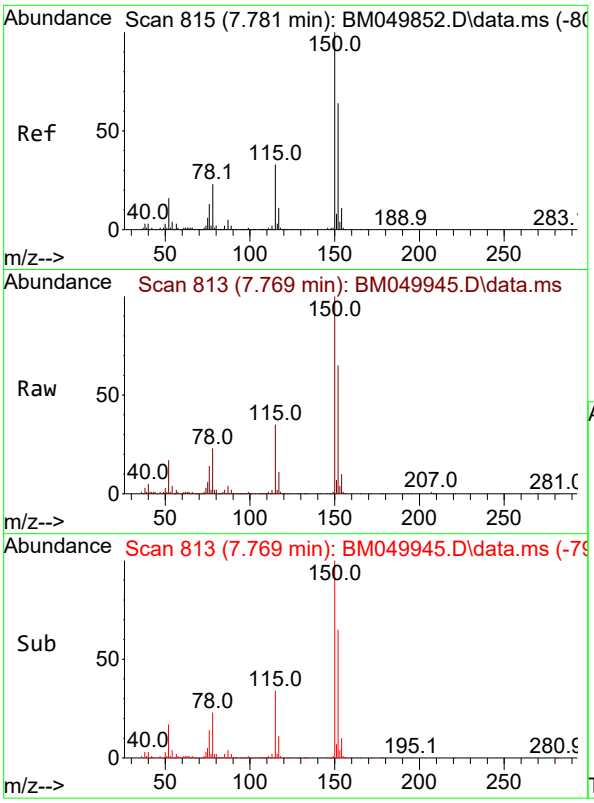


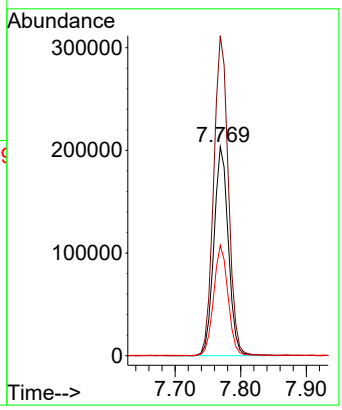


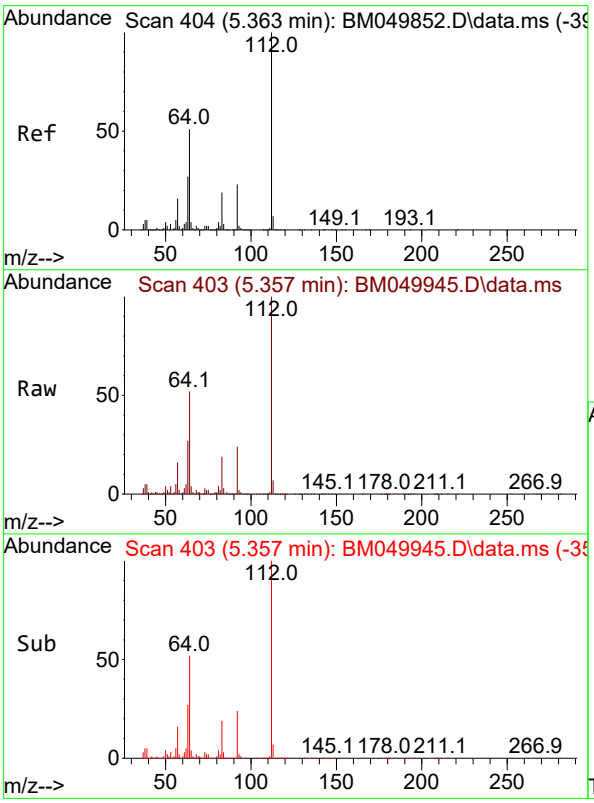
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 8
Delta R.T. -0.012 min
Lab File: BM049945.D
Acq: 16 Apr 2025 10:07

Instrument :
BNA_M
ClientSampleId :
PB167561BL

Tgt Ion:152 Resp: 310343

Ion	Ratio	Lower	Upper
152	100		
150	153.1	124.3	186.5
115	52.8	41.1	61.7

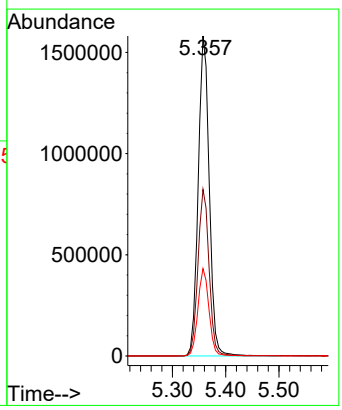


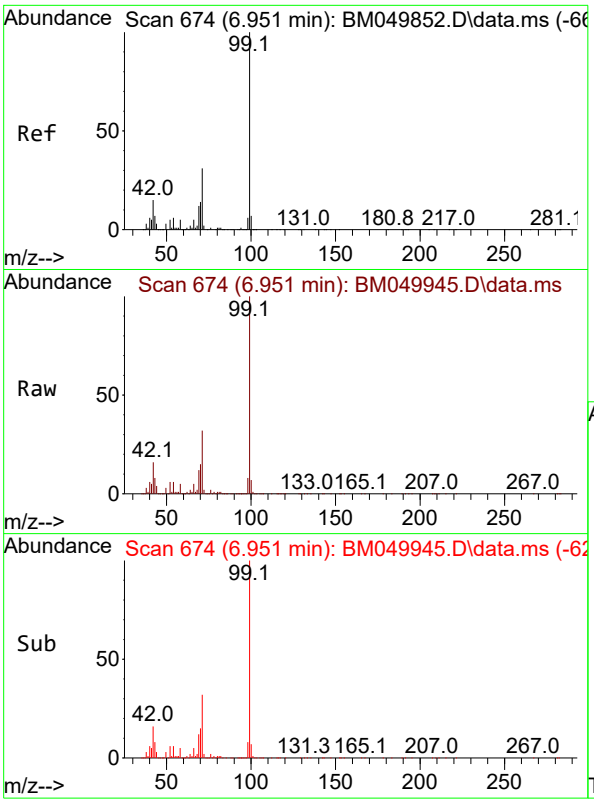


#5
2-Fluorophenol
Concen: 124.728 ng
RT: 5.357 min Scan# 403
Delta R.T. -0.006 min
Lab File: BM049945.D
Acq: 16 Apr 2025 10:07

Tgt Ion:112 Resp: 2279543

Ion	Ratio	Lower	Upper
112	100		
64	52.1	41.0	61.6
63	27.3	21.5	32.3



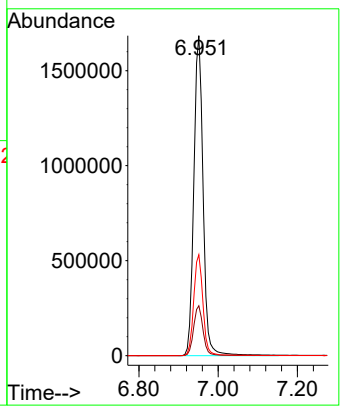


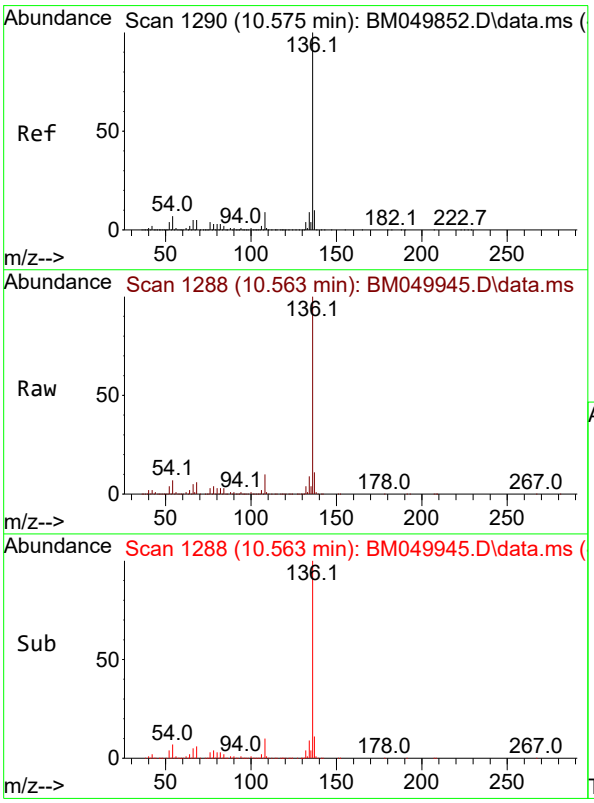
#7
Phenol-d6
Concen: 120.246 ng
RT: 6.951 min Scan# 6
Delta R.T. -0.000 min
Lab File: BM049945.D
Acq: 16 Apr 2025 10:07

Instrument :
BNA_M
ClientSampleId :
PB167561BL

Tgt Ion: 99 Resp: 2734266

Ion	Ratio	Lower	Upper
99	100		
42	15.6	12.1	18.1
71	31.6	24.9	37.3

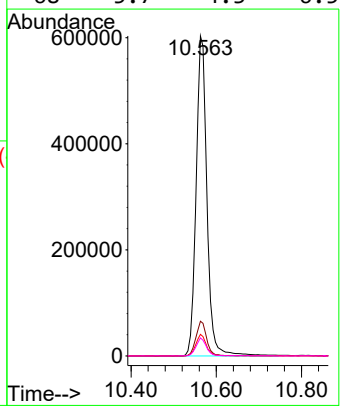


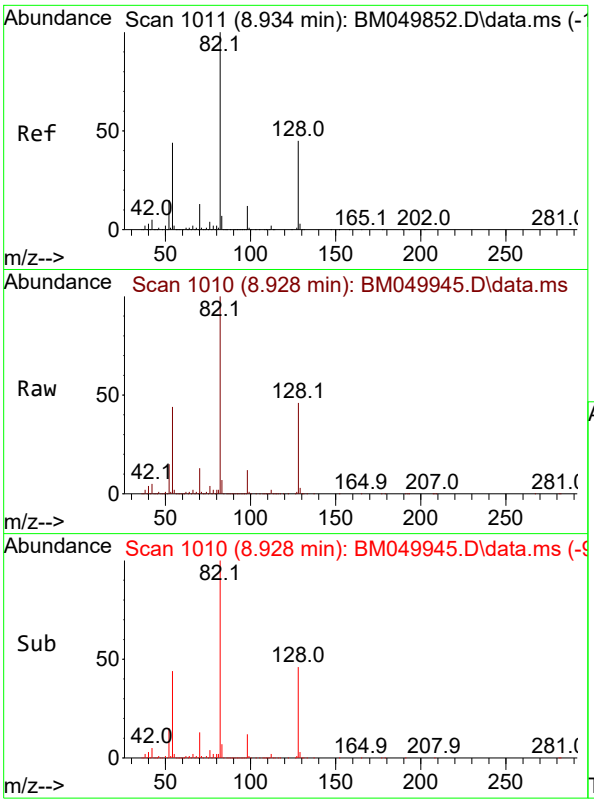


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 1288
Delta R.T. -0.012 min
Lab File: BM049945.D
Acq: 16 Apr 2025 10:07

Tgt Ion:136 Resp: 1063536

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	6.7	5.3	7.9
68	5.7	4.3	6.5



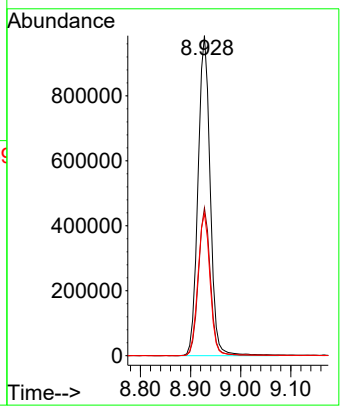


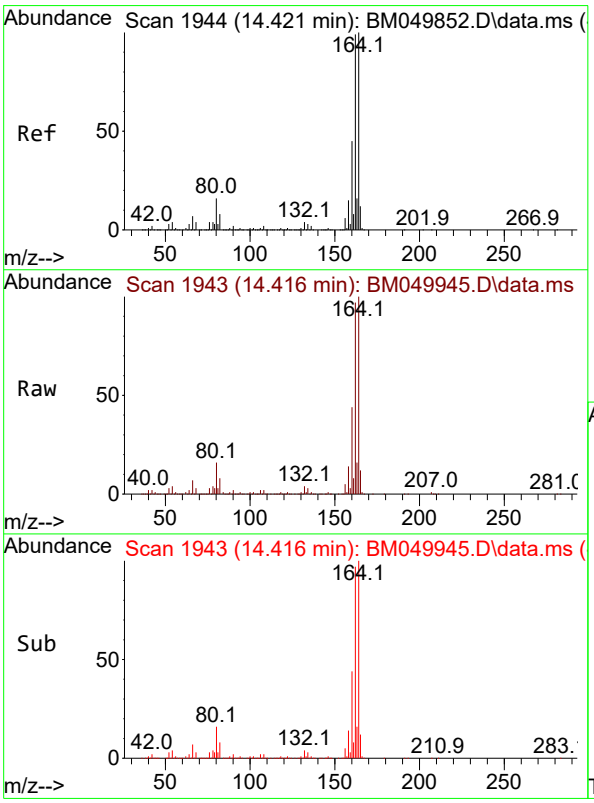
#23
Nitrobenzene-d5
Concen: 86.777 ng
RT: 8.928 min Scan# 1(
Delta R.T. -0.006 min
Lab File: BM049945.D
Acq: 16 Apr 2025 10:07

Instrument :
BNA_M
ClientSampleId :
PB167561BL

Tgt Ion: 82 Resp: 1657351

Ion	Ratio	Lower	Upper
82	100		
128	46.2	36.2	54.2
54	44.4	35.0	52.6

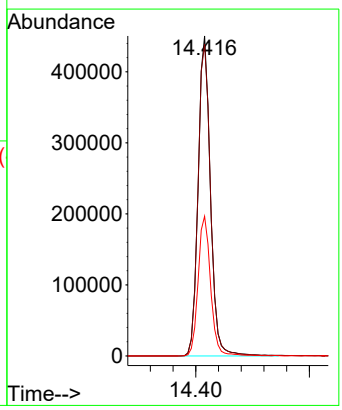


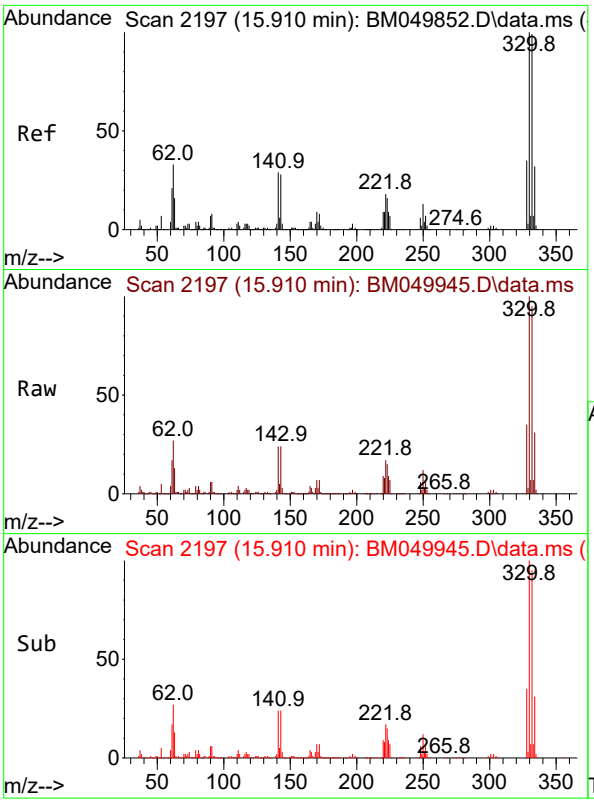


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.416 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BM049945.D
Acq: 16 Apr 2025 10:07

Tgt Ion:164 Resp: 678492

Ion	Ratio	Lower	Upper
164	100		
162	97.4	79.4	119.0
160	43.6	36.2	54.2



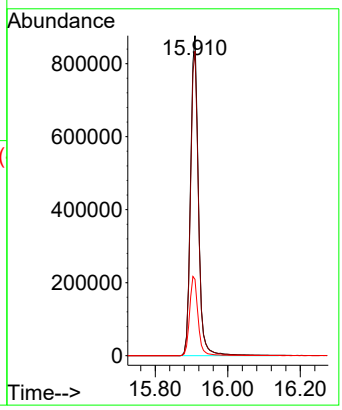


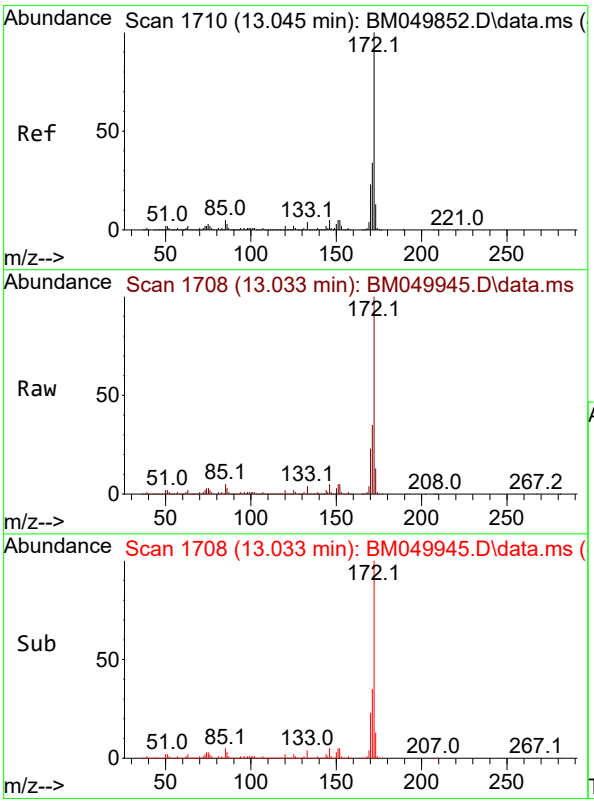
#42
2,4,6-Tribromophenol
Concen: 133.704 ng
RT: 15.910 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM049945.D
Acq: 16 Apr 2025 10:07

Instrument :
BNA_M
ClientSampleId :
PB167561BL

Tgt Ion:330 Resp: 1319509

Ion	Ratio	Lower	Upper
330	100		
332	95.7	78.0	117.0
141	26.5	23.5	35.3

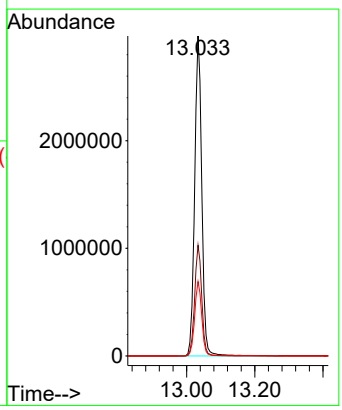


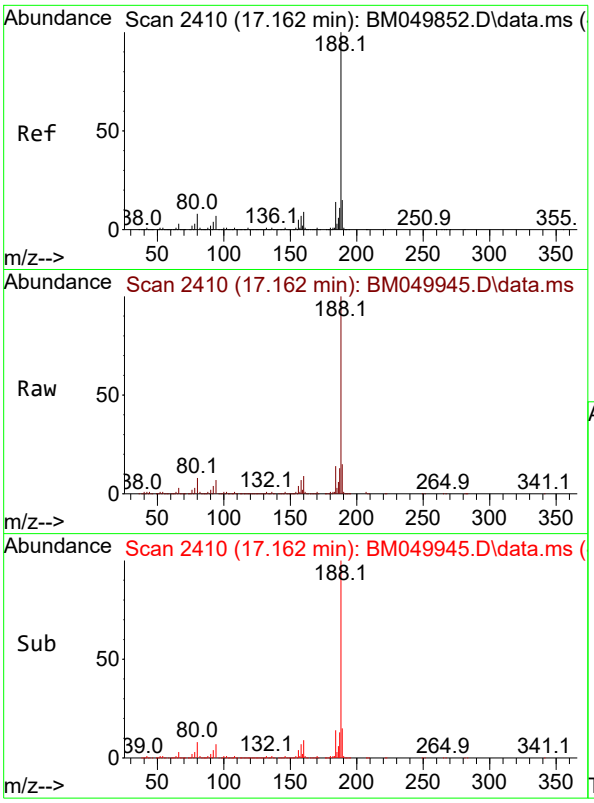


#45
2-Fluorobiphenyl
Concen: 86.316 ng
RT: 13.033 min Scan# 1708
Delta R.T. -0.012 min
Lab File: BM049945.D
Acq: 16 Apr 2025 10:07

Tgt Ion:172 Resp: 4318879

Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.4	41.2
170	23.2	18.6	28.0



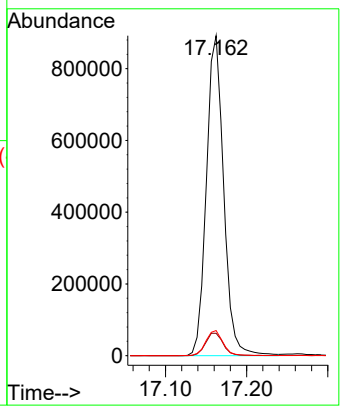


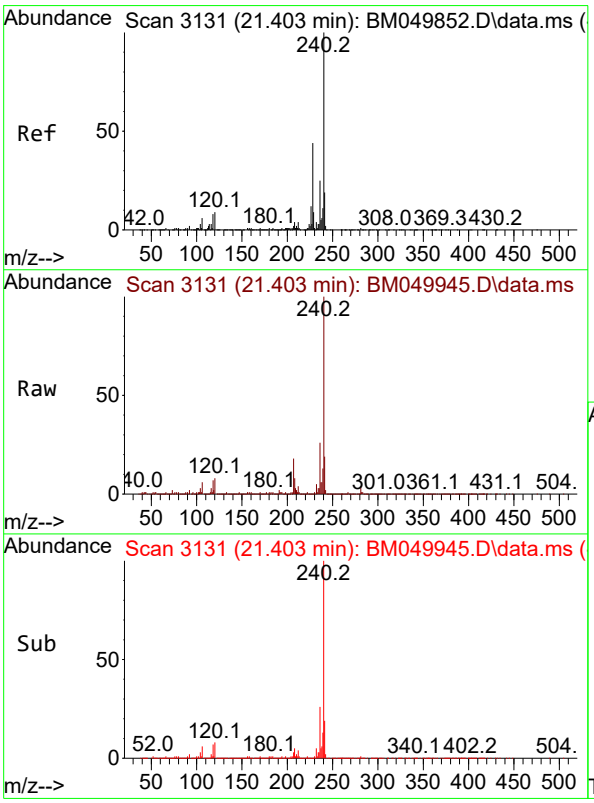
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.162 min Scan# 24
Delta R.T. -0.000 min
Lab File: BM049945.D
Acq: 16 Apr 2025 10:07

Instrument :
BNA_M
ClientSampleId :
PB167561BL

Tgt Ion:188 Resp: 1318072

Ion	Ratio	Lower	Upper
188	100		
94	7.0	5.8	8.6
80	7.9	6.4	9.6

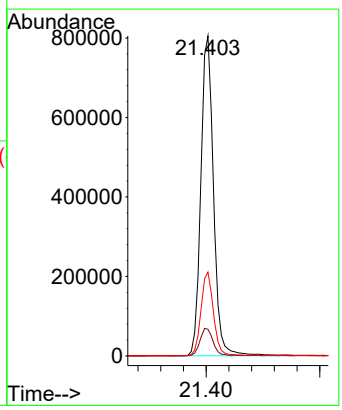


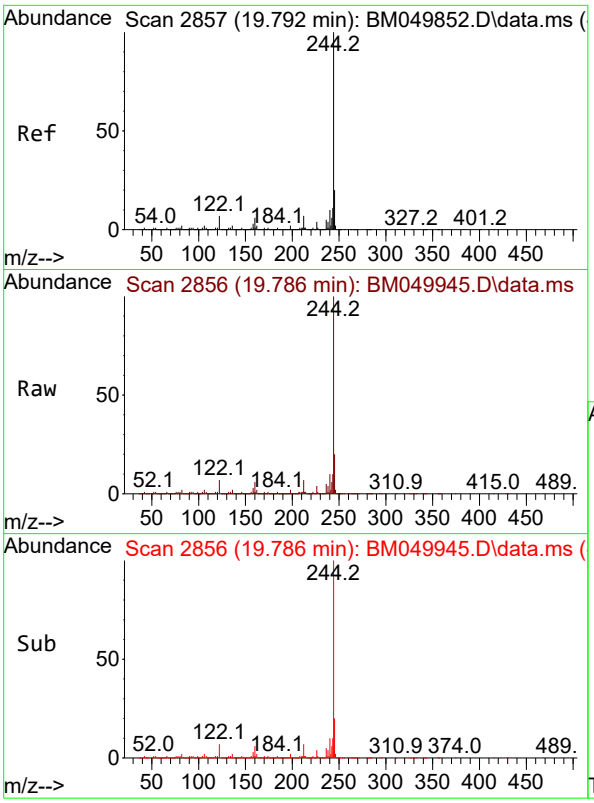


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.403 min Scan# 3131
Delta R.T. -0.000 min
Lab File: BM049945.D
Acq: 16 Apr 2025 10:07

Tgt Ion:240 Resp: 1245979

Ion	Ratio	Lower	Upper
240	100		
120	8.3	6.9	10.3
236	26.2	20.4	30.6



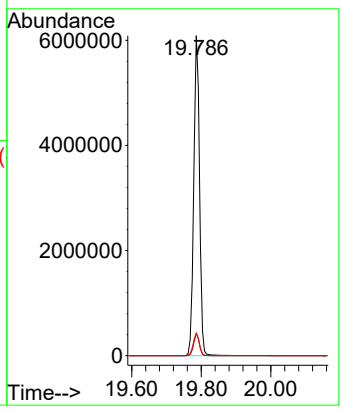


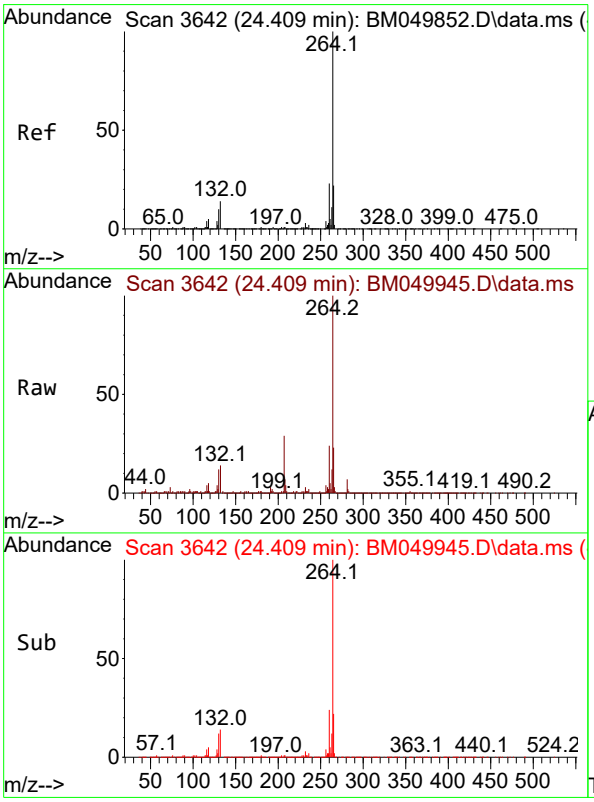
#79
Terphenyl-d14
Concen: 105.674 ng
RT: 19.786 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM049945.D
Acq: 16 Apr 2025 10:07

Instrument :
BNA_M
ClientSampleId :
PB167561BL

Tgt Ion:244 Resp: 7025803

Ion	Ratio	Lower	Upper
244	100		
212	6.9	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: BM049945.D
Acq: 16 Apr 2025 10:07

Tgt Ion:264 Resp: 1372280

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.6	28.0
265	22.7	17.8	26.8