Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042125\
Data File : BM049979.D
Acq On : 21 Apr 2025 10:36
Operator : RC/JU
Sample : PB167645BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167645BL

Quant Time: Apr 21 11:35:51 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	419771	20.000	ng	-0.01
21) Naphthalene-d8	10.563	136	1477454	20.000	ng	-0.01
39) Acenaphthene-d10	14.415	164	979467	20.000	ng	0.00
64) Phenanthrene-d10	17.156	188	1831091	20.000	ng	0.00
76) Chrysene-d12	21.397	240	1331927	20.000	ng	0.00
86) Perylene-d12	24.403	264	1256899	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	3117462	126.109	ng	0.00
7) Phenol-d6	6.957	99	3821408	124.246	ng	0.00
23) Nitrobenzene-d5	8.928	82	2328944	87.778	ng	0.00
42) 2,4,6-Tribromophenol	15.909	330	1924091	135.055	ng	0.00
45) 2-Fluorobiphenyl	13.033	172	6396440	88.555	ng	-0.01
79) Terphenyl-d14	19.786	244	8436353	118.701	ng	0.00
Target Compounds						Qvalue

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

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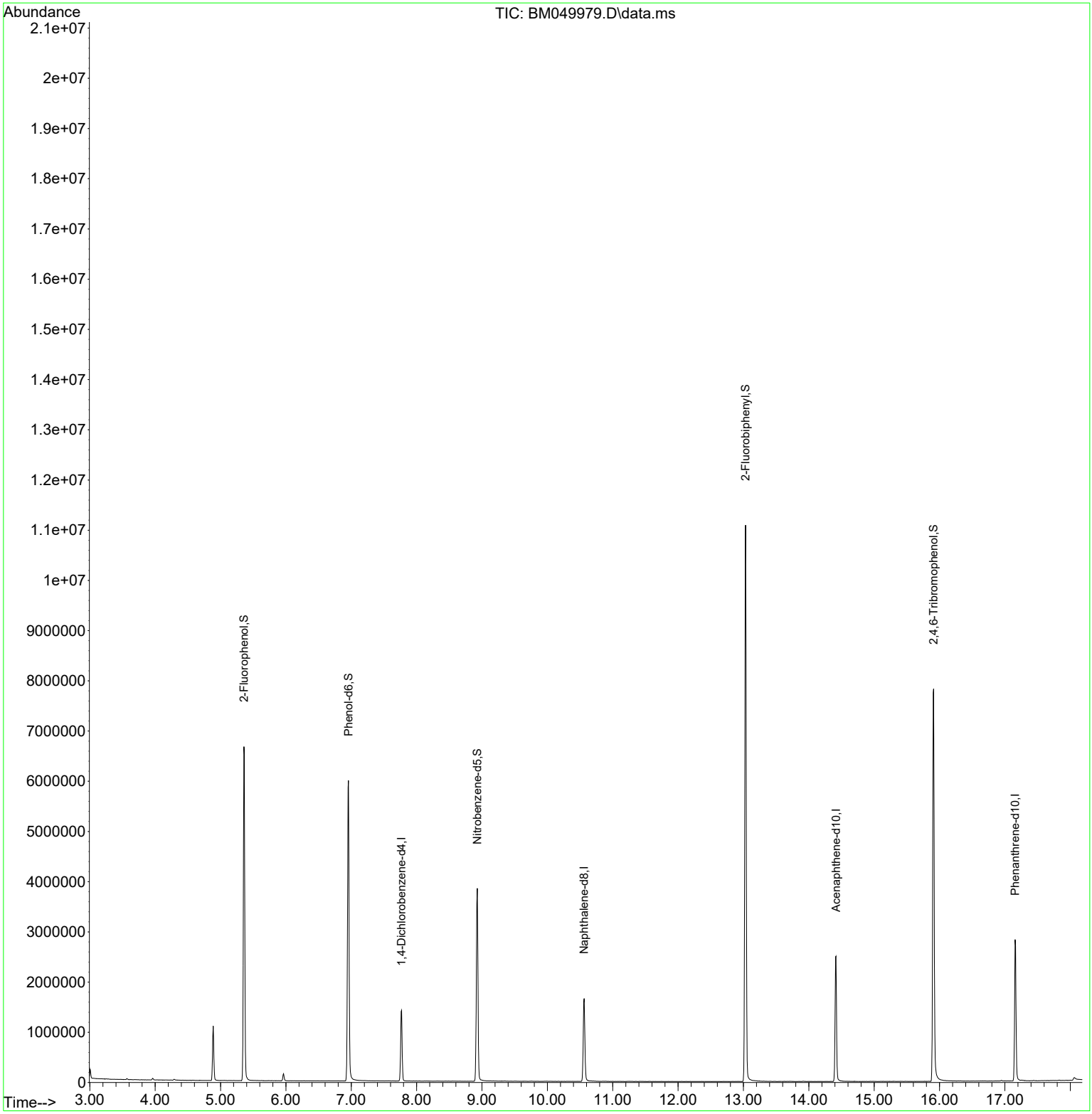

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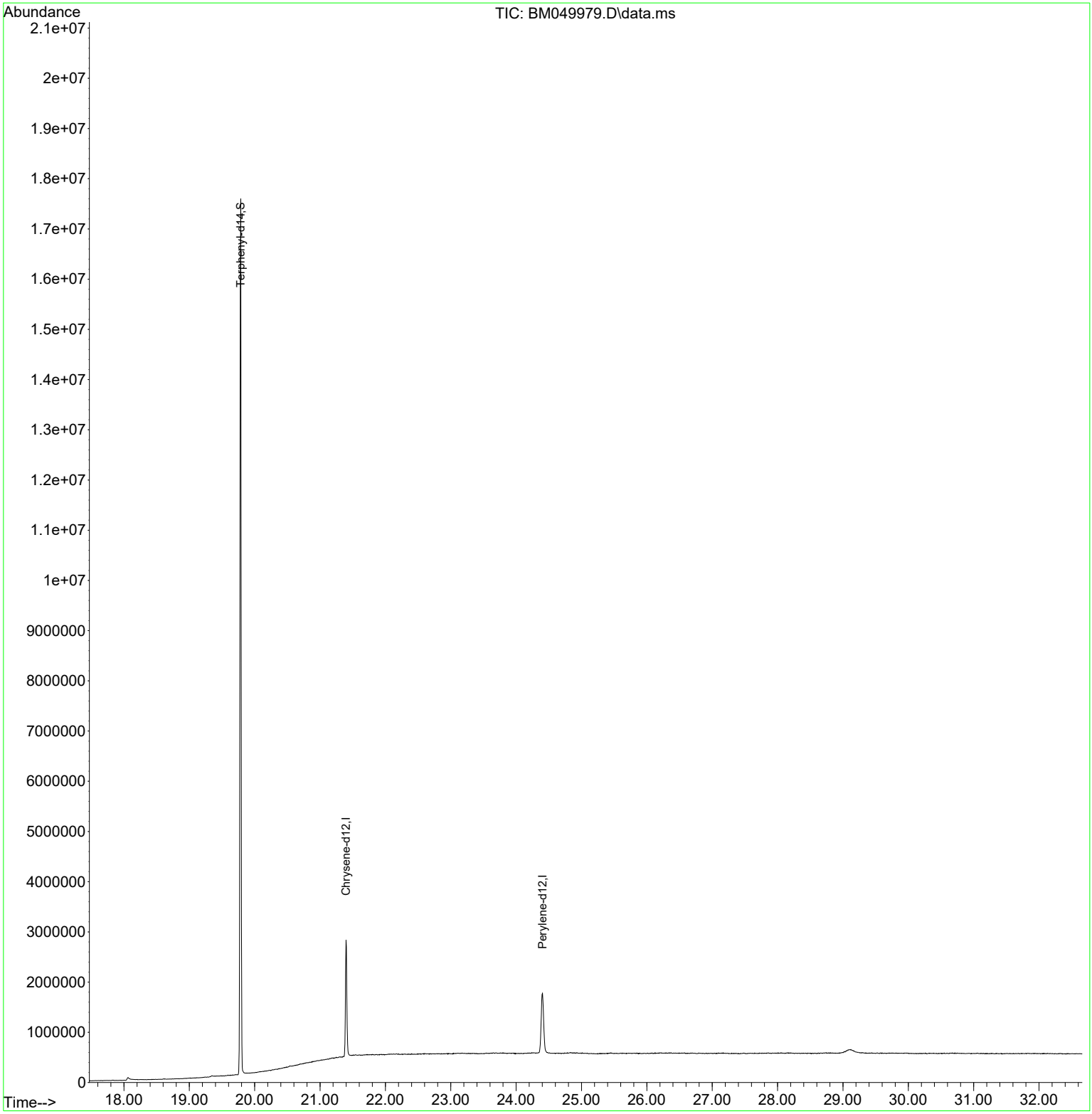
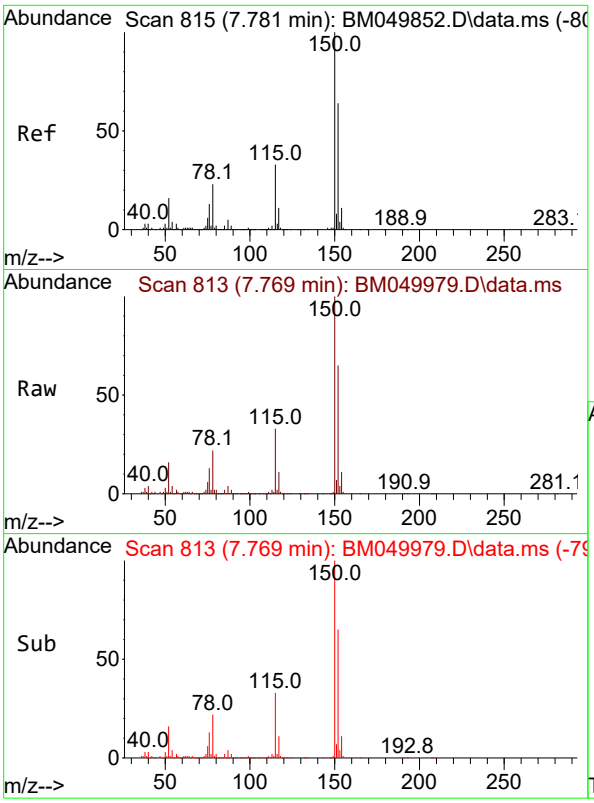


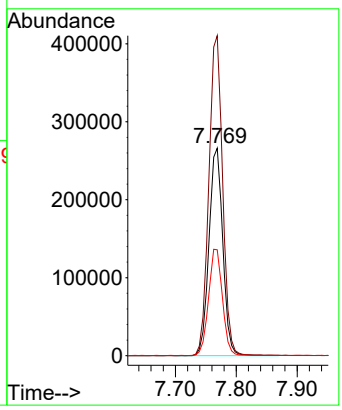


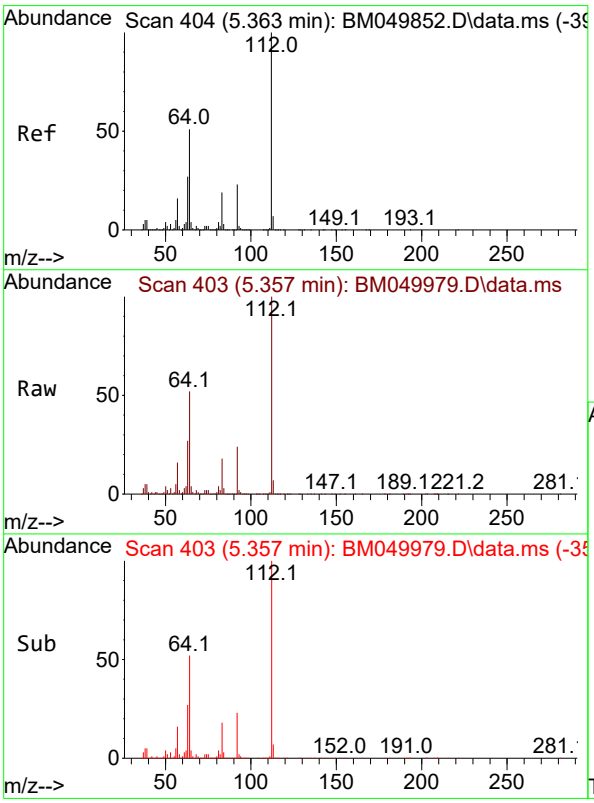
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 8
Delta R.T. -0.012 min
Lab File: BM049979.D
Acq: 21 Apr 2025 10:36

Instrument :
BNA_M
ClientSampleId :
PB167645BL

Tgt Ion:152 Resp: 419771

Ion	Ratio	Lower	Upper
152	100		
150	154.2	124.3	186.5
115	51.0	41.1	61.7

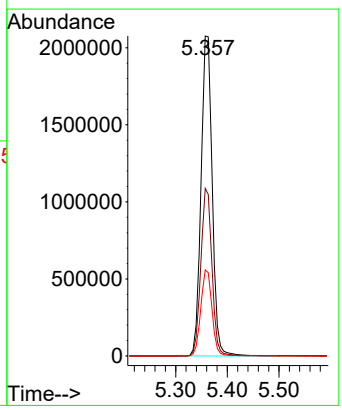


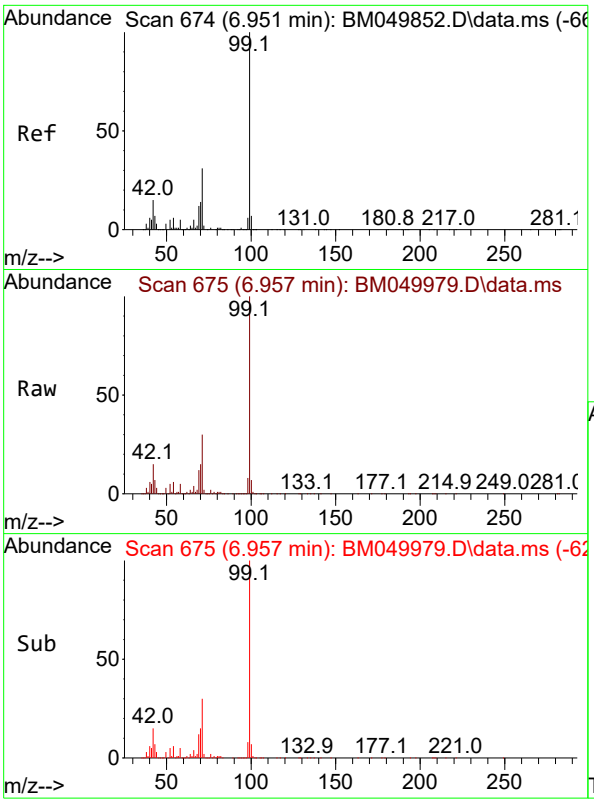


#5
2-Fluorophenol
Concen: 126.109 ng
RT: 5.357 min Scan# 403
Delta R.T. -0.006 min
Lab File: BM049979.D
Acq: 21 Apr 2025 10:36

Tgt Ion:112 Resp: 3117462

Ion	Ratio	Lower	Upper
112	100		
64	52.4	41.0	61.6
63	26.9	21.5	32.3



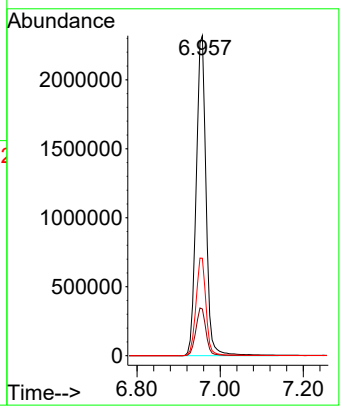


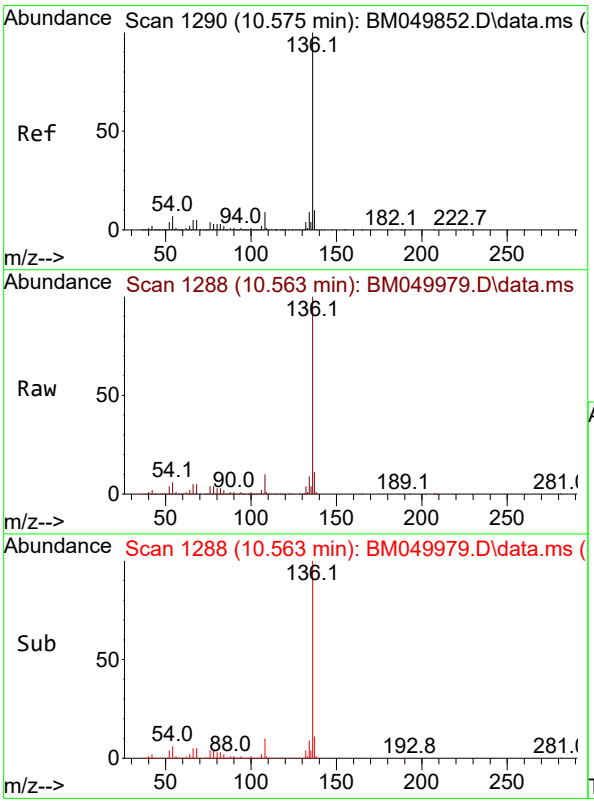
#7
Phenol-d6
Concen: 124.246 ng
RT: 6.957 min Scan# 6
Delta R.T. 0.006 min
Lab File: BM049979.D
Acq: 21 Apr 2025 10:36

Instrument :
BNA_M
ClientSampleId :
PB167645BL

Tgt Ion: 99 Resp: 3821408

Ion	Ratio	Lower	Upper
99	100		
42	14.6	12.1	18.1
71	30.4	24.9	37.3

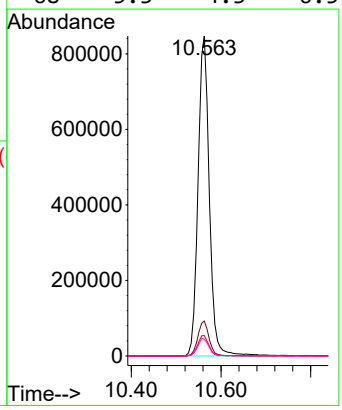


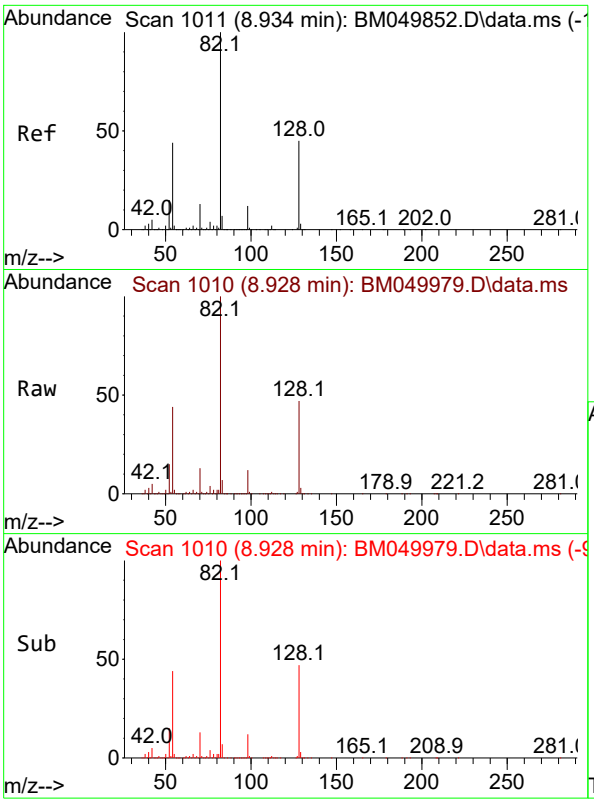


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 1288
Delta R.T. -0.012 min
Lab File: BM049979.D
Acq: 21 Apr 2025 10:36

Tgt Ion:136 Resp: 1477454

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	6.4	5.3	7.9
68	5.3	4.3	6.5



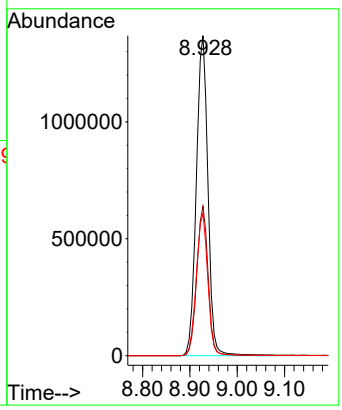


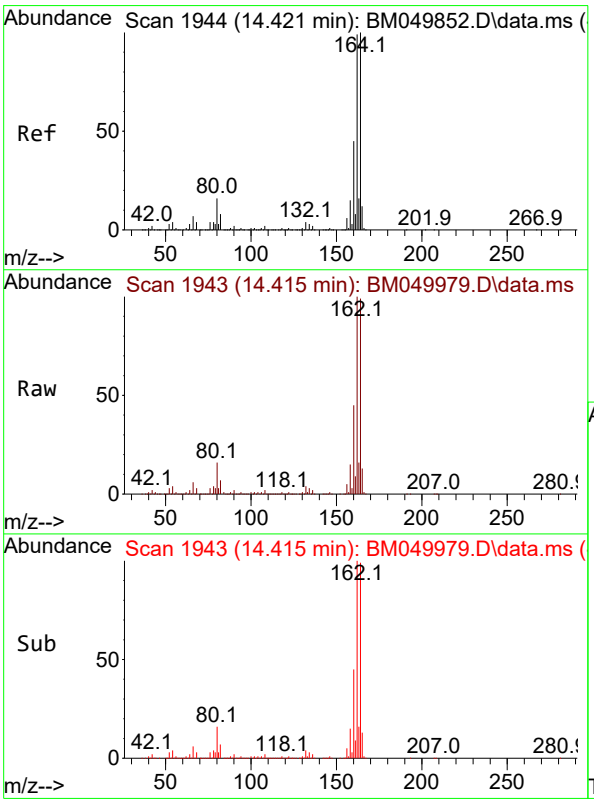
#23
Nitrobenzene-d5
Concen: 87.778 ng
RT: 8.928 min Scan# 1(
Delta R.T. -0.006 min
Lab File: BM049979.D
Acq: 21 Apr 2025 10:36

Instrument :
BNA_M
ClientSampleId :
PB167645BL

Tgt Ion: 82 Resp: 2328944

Ion	Ratio	Lower	Upper
82	100		
128	46.7	36.2	54.2
54	44.4	35.0	52.6

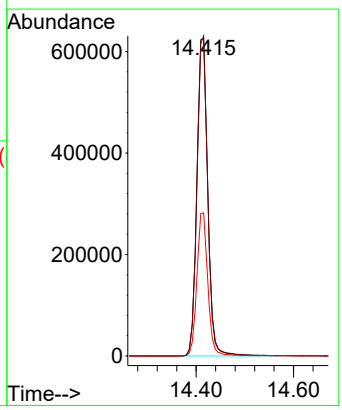


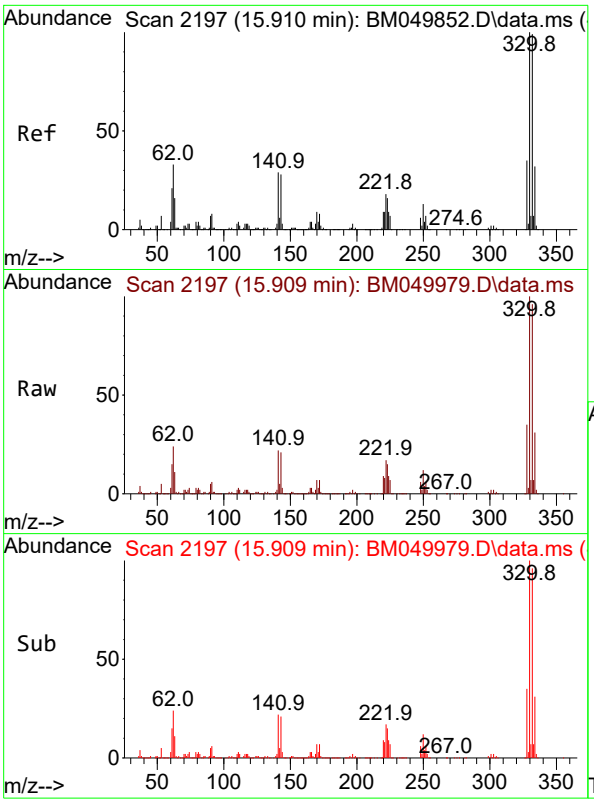


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.415 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BM049979.D
Acq: 21 Apr 2025 10:36

Tgt Ion:164 Resp: 979467

Ion	Ratio	Lower	Upper
164	100		
162	100.8	79.4	119.0
160	45.0	36.2	54.2



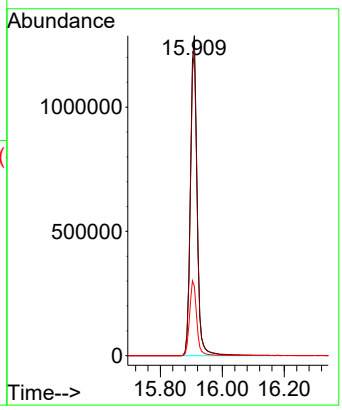


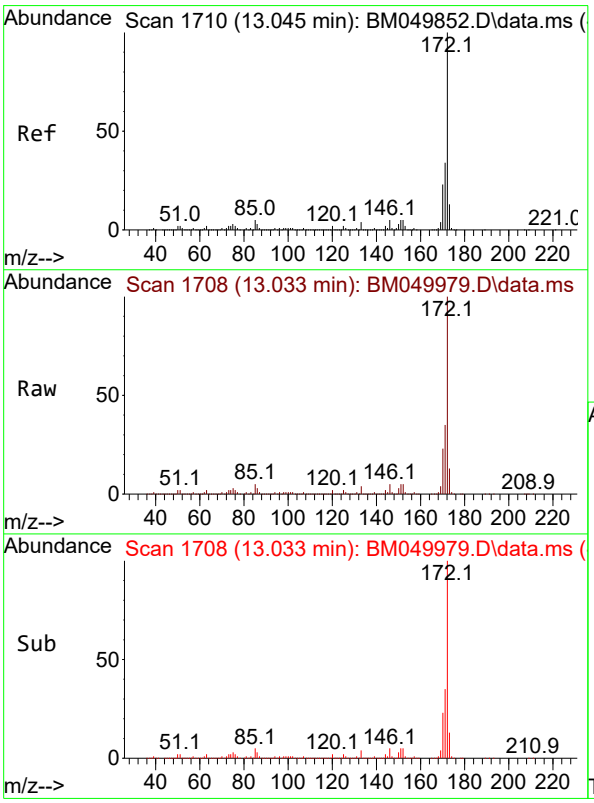
#42
2,4,6-Tribromophenol
Concen: 135.055 ng
RT: 15.909 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM049979.D
Acq: 21 Apr 2025 10:36

Instrument :
BNA_M
ClientSampleId :
PB167645BL

Tgt Ion:330 Resp: 1924091

Ion	Ratio	Lower	Upper
330	100		
332	96.1	78.0	117.0
141	25.1	23.5	35.3

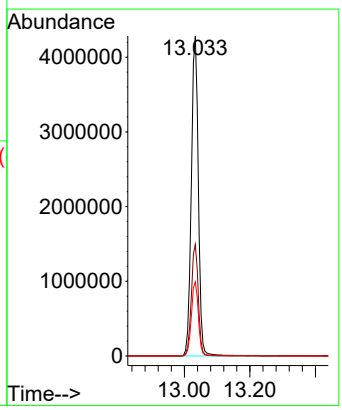


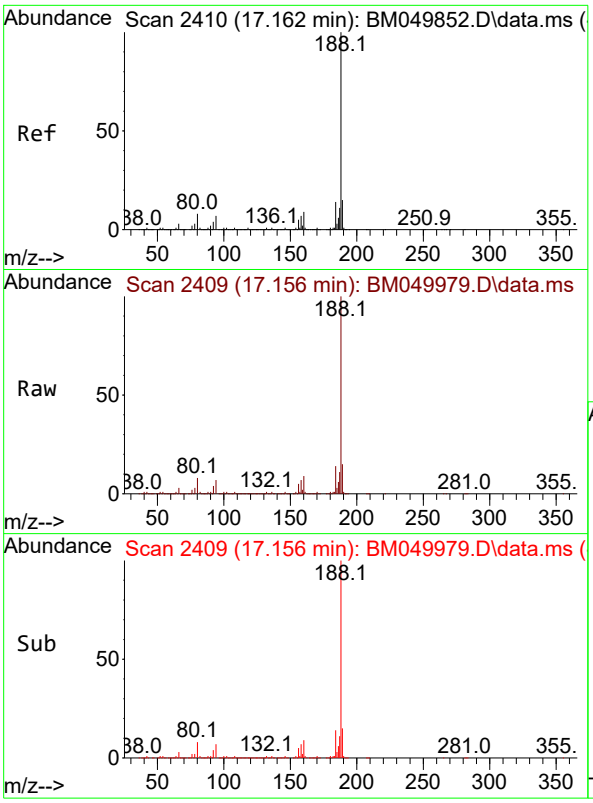


#45
2-Fluorobiphenyl
Concen: 88.555 ng
RT: 13.033 min Scan# 1708
Delta R.T. -0.012 min
Lab File: BM049979.D
Acq: 21 Apr 2025 10:36

Tgt Ion:172 Resp: 6396440

Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.4	41.2
170	23.2	18.6	28.0



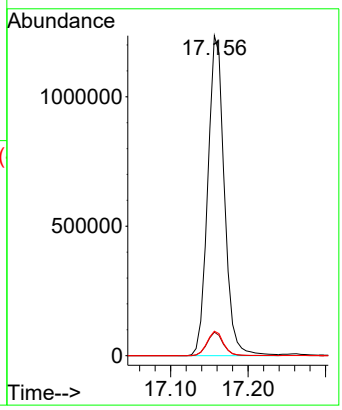


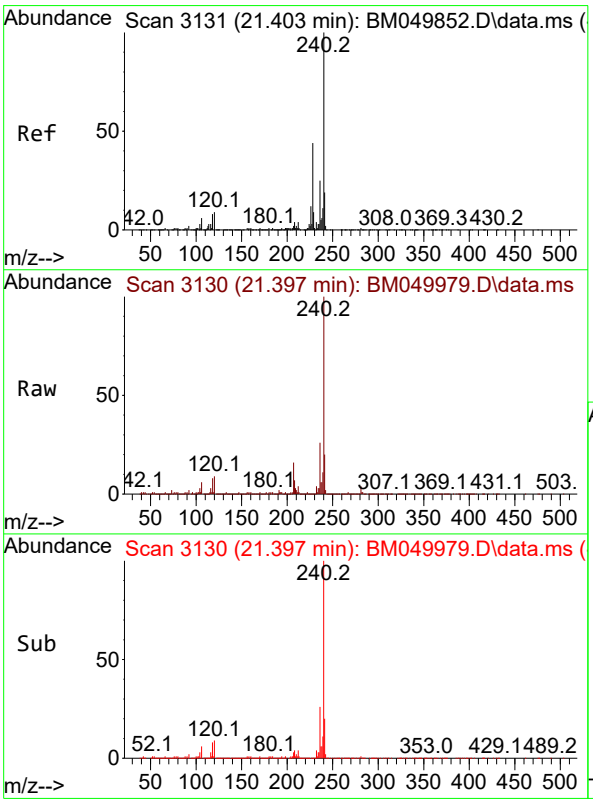
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.156 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM049979.D
Acq: 21 Apr 2025 10:36

Instrument :
BNA_M
ClientSampleId :
PB167645BL

Tgt Ion:188 Resp: 1831091

Ion	Ratio	Lower	Upper
188	100		
94	7.4	5.8	8.6
80	7.7	6.4	9.6

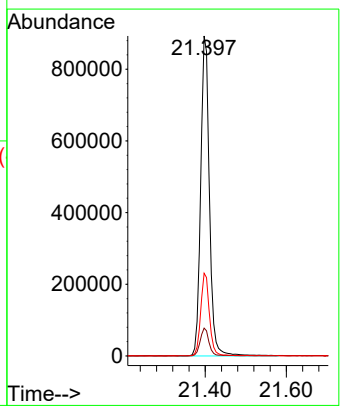


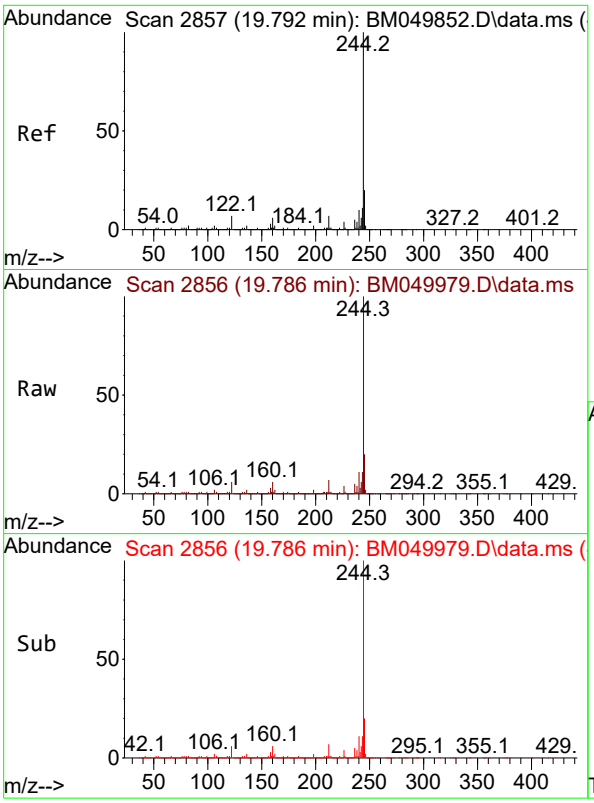


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.397 min Scan# 3130
Delta R.T. -0.006 min
Lab File: BM049979.D
Acq: 21 Apr 2025 10:36

Tgt Ion:240 Resp: 1331927

Ion	Ratio	Lower	Upper
240	100		
120	8.7	6.9	10.3
236	25.8	20.4	30.6



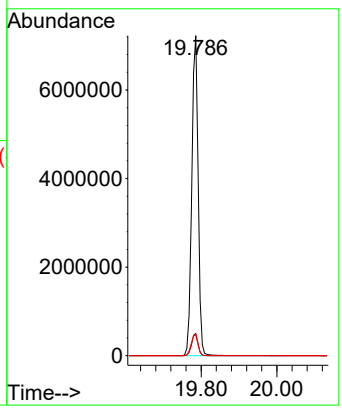


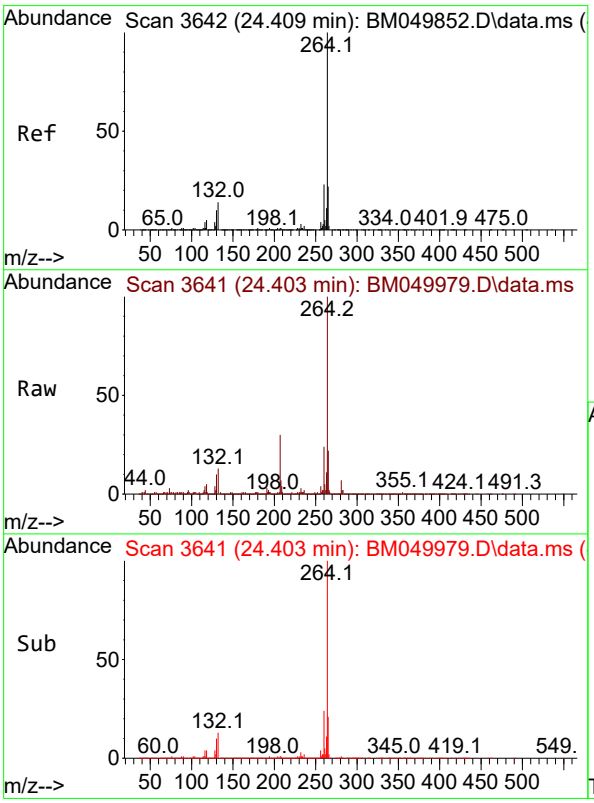
#79
Terphenyl-d14
Concen: 118.701 ng
RT: 19.786 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM049979.D
Acq: 21 Apr 2025 10:36

Instrument :
BNA_M
ClientSampleId :
PB167645BL

Tgt Ion:244 Resp: 8436353

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.5	8.3
122	6.4	5.4	8.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.403 min Scan# 3641
Delta R.T. -0.006 min
Lab File: BM049979.D
Acq: 21 Apr 2025 10:36

Tgt Ion:264 Resp: 1256899

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.6	28.0
265	21.9	17.8	26.8