Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042325\
Data File : BM050020.D
Acq On : 23 Apr 2025 19:11
Operator : RC/JU
Sample : Q1859-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COMP-1

Quant Time: Apr 24 02:01:40 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	289051	20.000	ng	-0.02
21) Naphthalene-d8	10.557	136	1021677	20.000	ng	-0.02
39) Acenaphthene-d10	14.410	164	677035	20.000	ng	-0.01
64) Phenanthrene-d10	17.157	188	1421818	20.000	ng	0.00
76) Chrysene-d12	21.397	240	1426892	20.000	ng	0.00
86) Perylene-d12	24.397	264	1475476	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	1269785	74.596	ng	0.00
7) Phenol-d6	6.945	99	1584539	74.817	ng	0.00
23) Nitrobenzene-d5	8.922	82	963264	52.502	ng	-0.01
42) 2,4,6-Tribromophenol	15.904	330	735077	74.644	ng	0.00
45) 2-Fluorobiphenyl	13.027	172	2352235	47.112	ng	-0.02
79) Terphenyl-d14	19.780	244	3997791	52.506	ng	-0.01
Target Compounds						Qvalue

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

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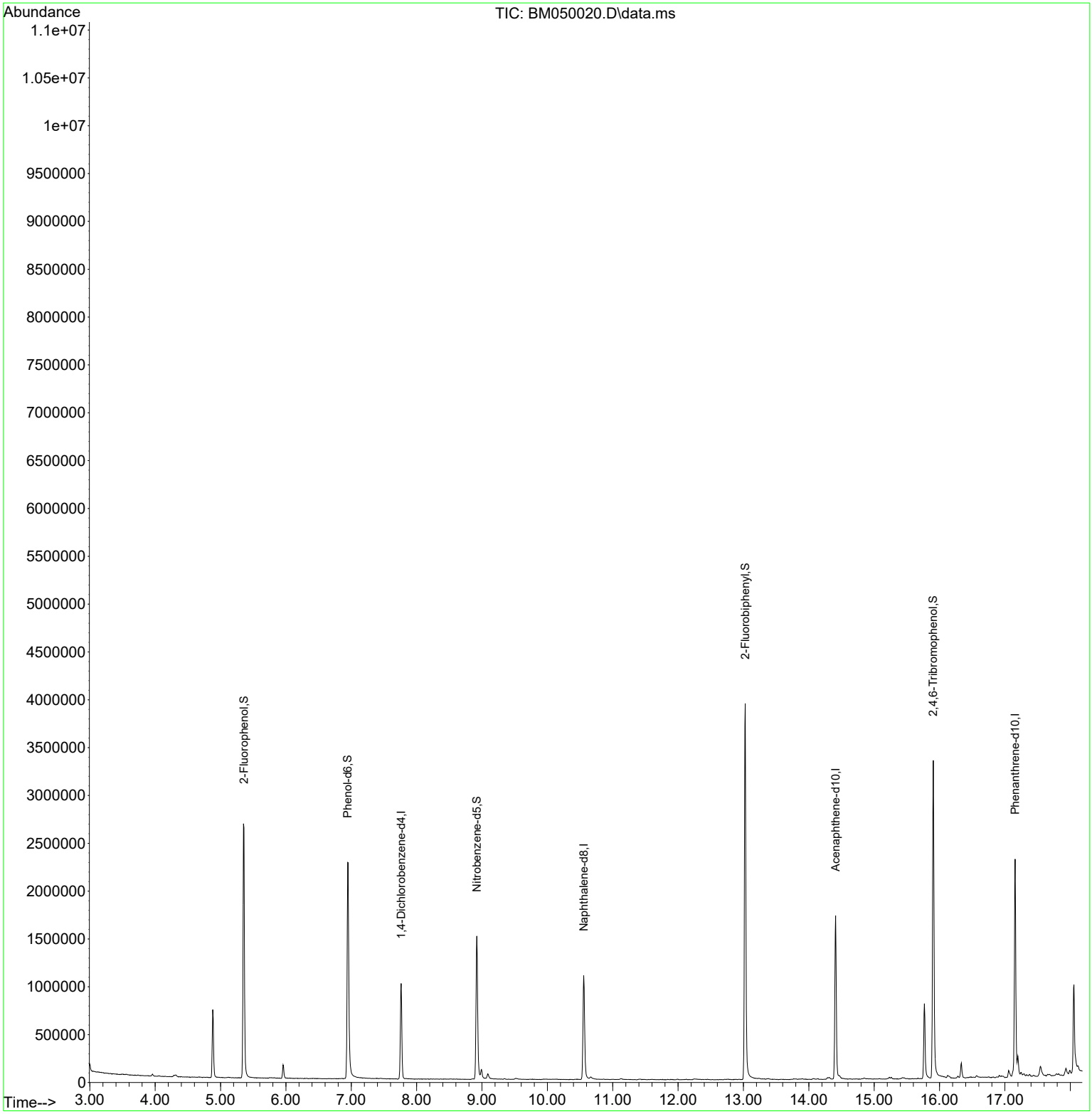

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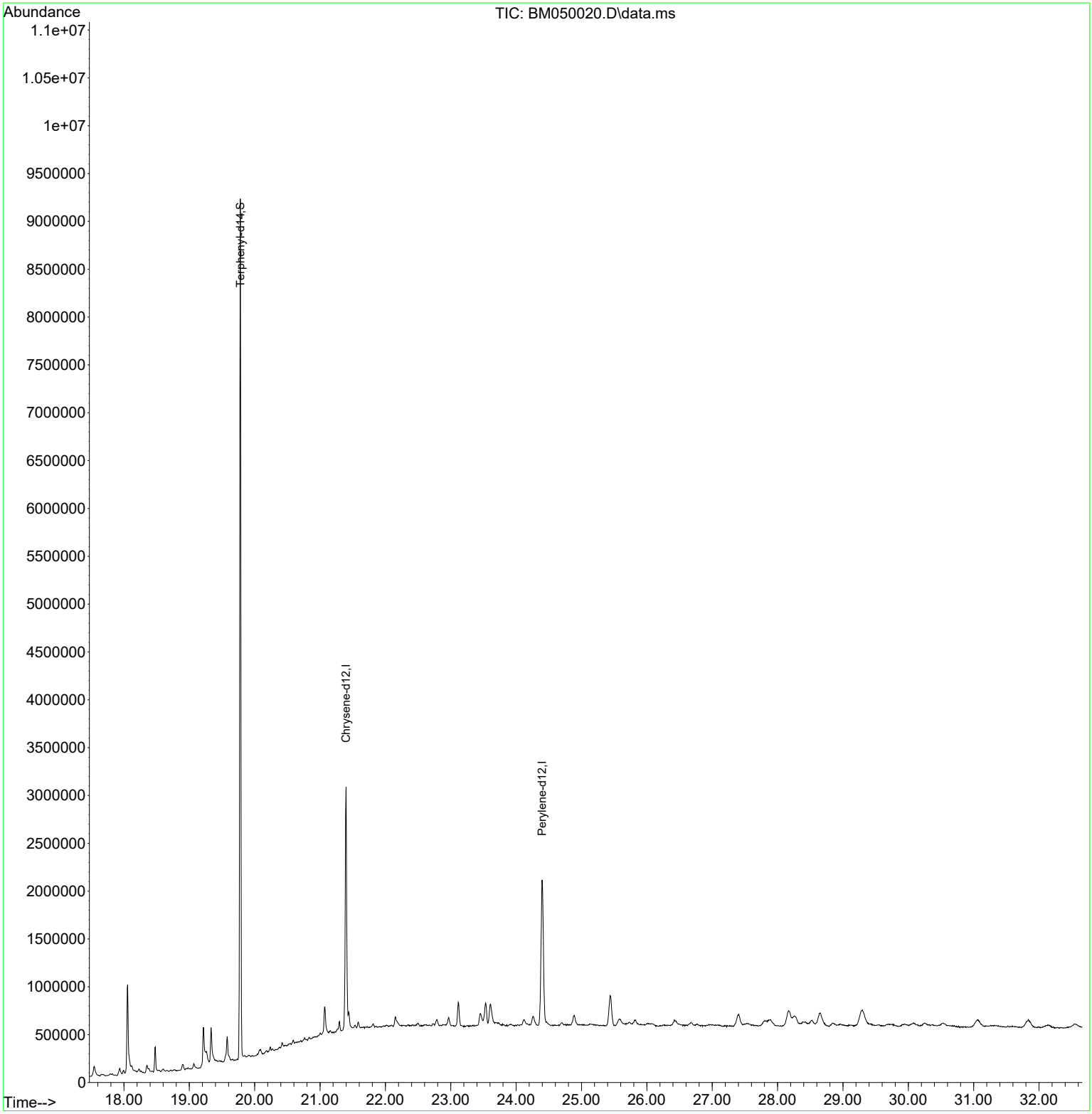
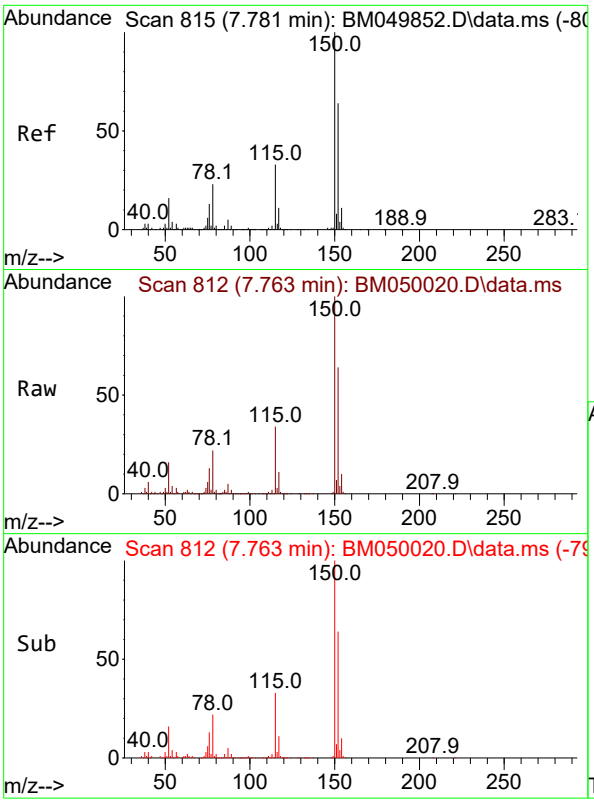


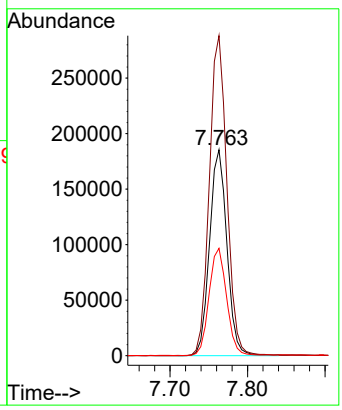


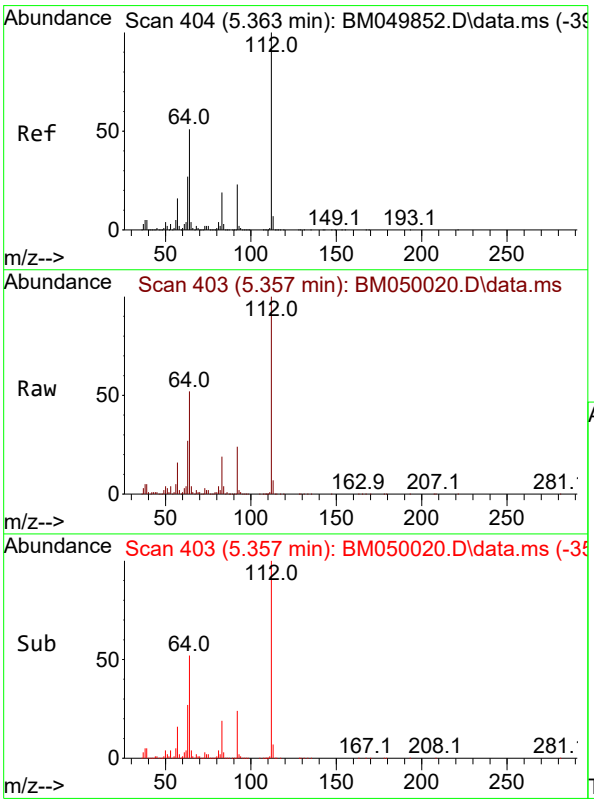
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 8
Delta R.T. -0.018 min
Lab File: BM050020.D
Acq: 23 Apr 2025 19:11

Instrument :
BNA_M
ClientSampleId :
COMP-1

Tgt Ion:152 Resp: 289051

Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.3	186.5
115	52.1	41.1	61.7

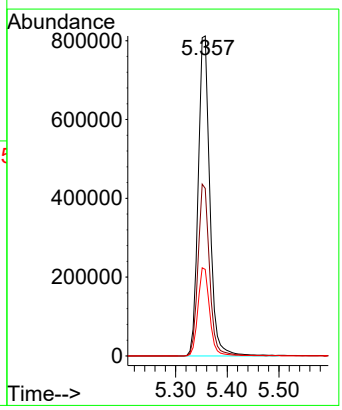


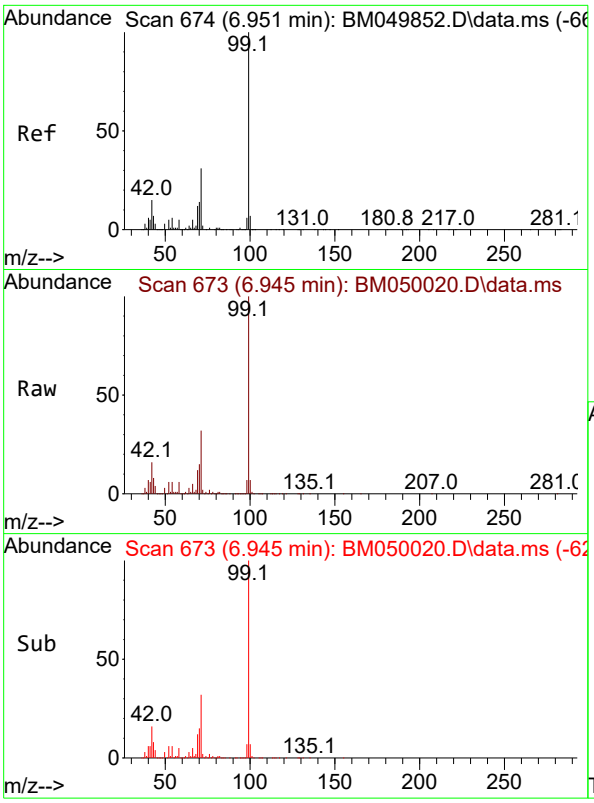


#5
2-Fluorophenol
Concen: 74.596 ng
RT: 5.357 min Scan# 403
Delta R.T. -0.006 min
Lab File: BM050020.D
Acq: 23 Apr 2025 19:11

Tgt Ion:112 Resp: 1269785

Ion	Ratio	Lower	Upper
112	100		
64	52.4	41.0	61.6
63	27.1	21.5	32.3



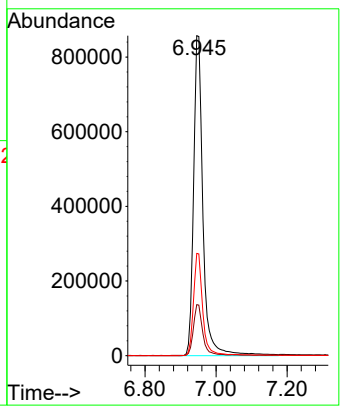


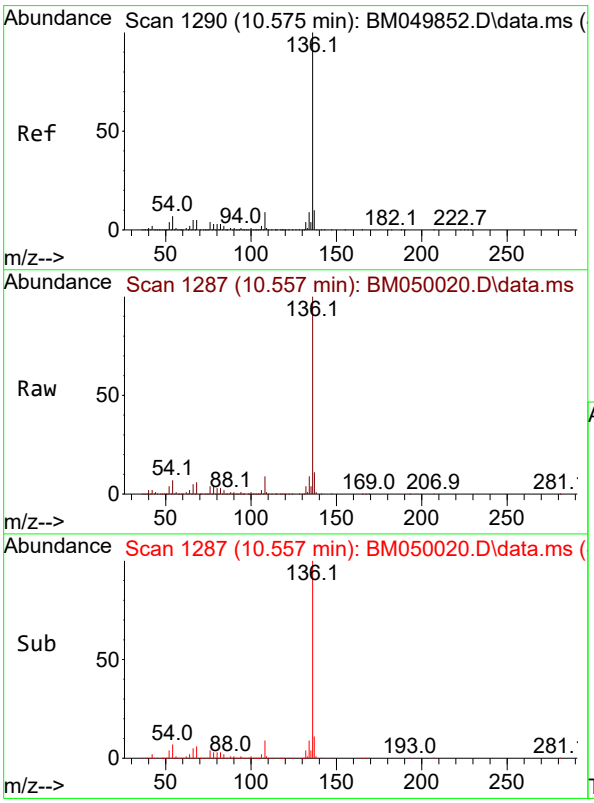
#7
Phenol-d6
Concen: 74.817 ng
RT: 6.945 min Scan# 6
Delta R.T. -0.006 min
Lab File: BM050020.D
Acq: 23 Apr 2025 19:11

Instrument :
BNA_M
ClientSampleId :
COMP-1

Tgt Ion: 99 Resp: 1584539

Ion	Ratio	Lower	Upper
99	100		
42	15.9	12.1	18.1
71	31.9	24.9	37.3

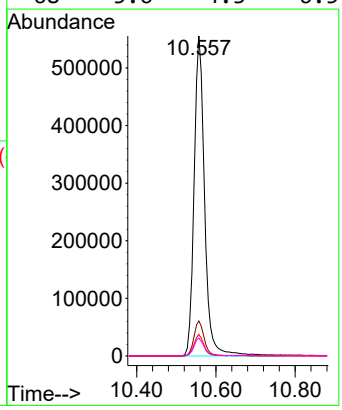


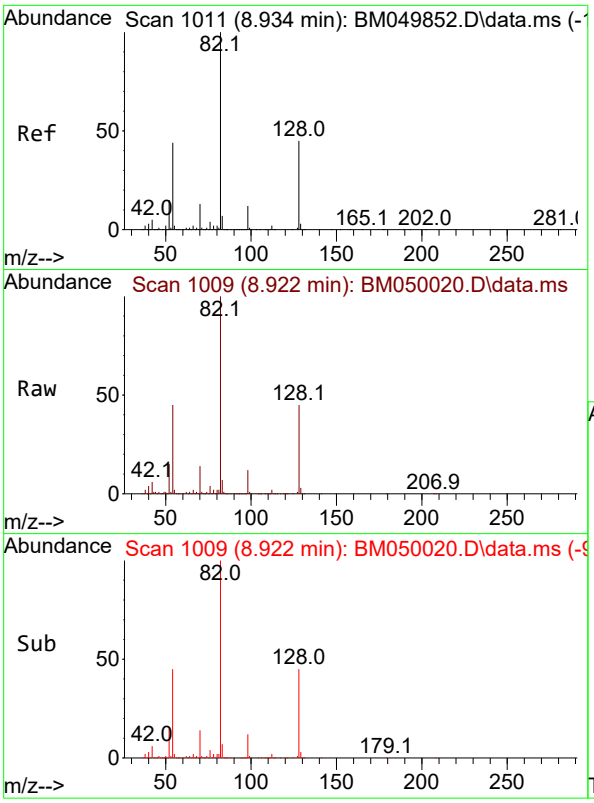


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.557 min Scan# 1287
Delta R.T. -0.018 min
Lab File: BM050020.D
Acq: 23 Apr 2025 19:11

Tgt Ion:136 Resp: 1021677

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



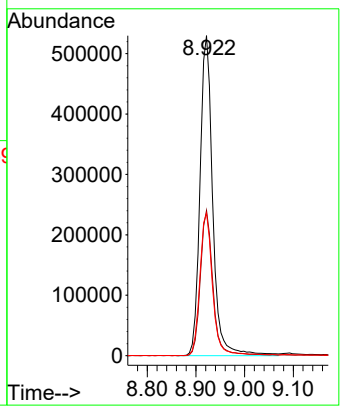


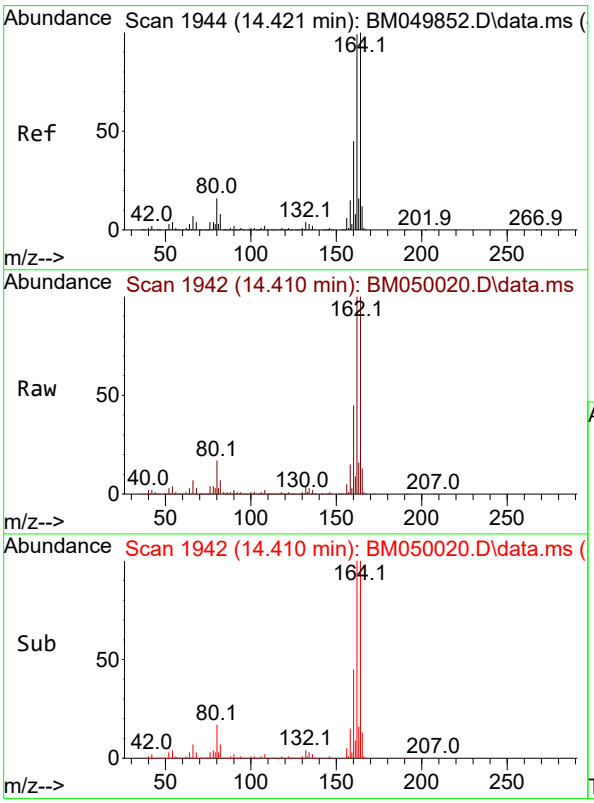
#23
Nitrobenzene-d5
Concen: 52.502 ng
RT: 8.922 min Scan# 1(
Delta R.T. -0.012 min
Lab File: BM050020.D
Acq: 23 Apr 2025 19:11

Instrument :
BNA_M
ClientSampleId :
COMP-1

Tgt Ion: 82 Resp: 963264

Ion	Ratio	Lower	Upper
82	100		
128	45.4	36.2	54.2
54	44.6	35.0	52.6

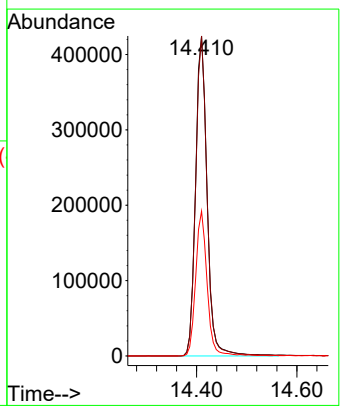


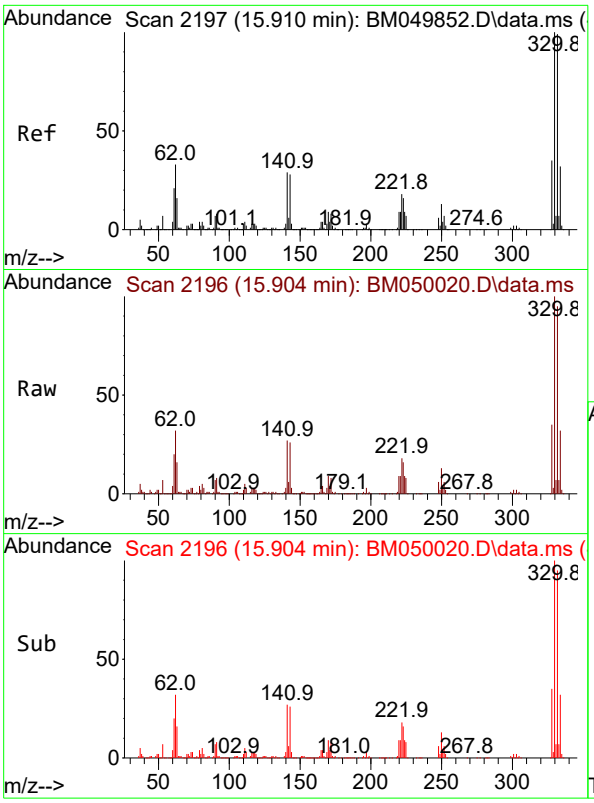


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1942
Delta R.T. -0.012 min
Lab File: BM050020.D
Acq: 23 Apr 2025 19:11

Tgt Ion:164 Resp: 677035

Ion	Ratio	Lower	Upper
164	100		
162	100.1	79.4	119.0
160	45.3	36.2	54.2



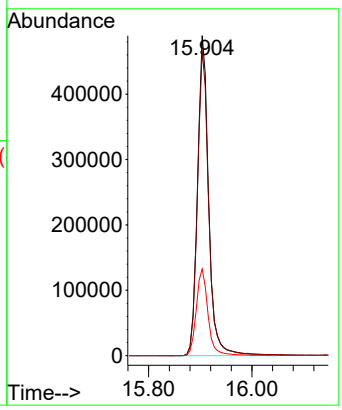


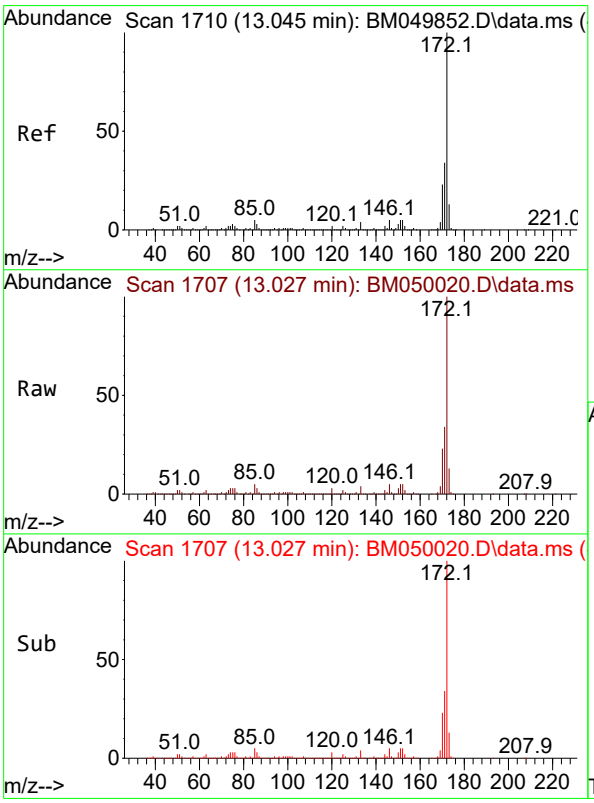
#42
2,4,6-Tribromophenol
Concen: 74.644 ng
RT: 15.904 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM050020.D
Acq: 23 Apr 2025 19:11

Instrument :
BNA_M
ClientSampleId :
COMP-1

Tgt Ion:330 Resp: 735077

Ion	Ratio	Lower	Upper
330	100		
332	96.7	78.0	117.0
141	28.5	23.5	35.3

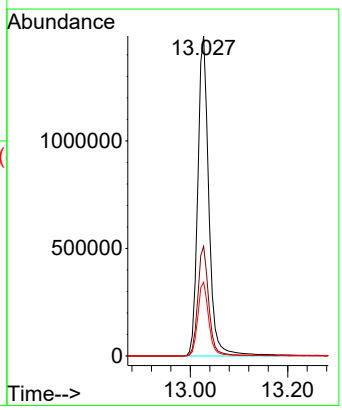


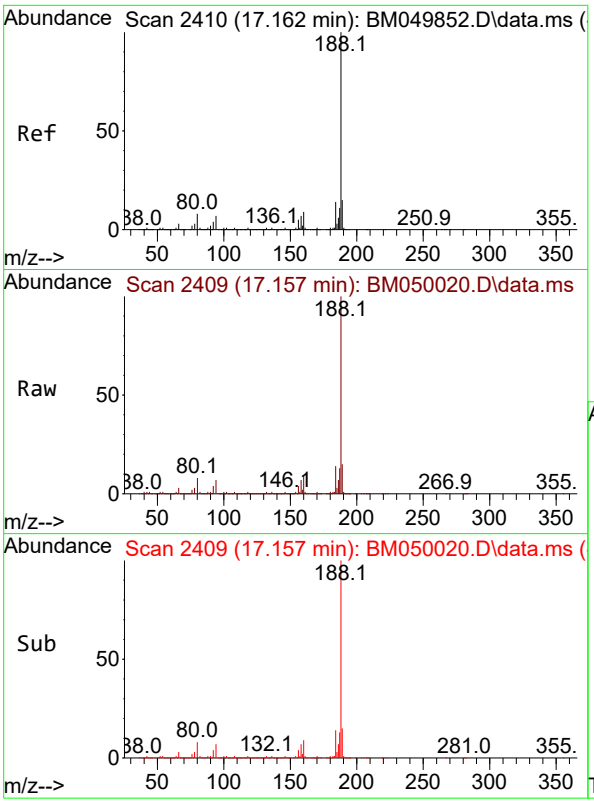


#45
2-Fluorobiphenyl
Concen: 47.112 ng
RT: 13.027 min Scan# 1707
Delta R.T. -0.018 min
Lab File: BM050020.D
Acq: 23 Apr 2025 19:11

Tgt Ion:172 Resp: 2352235

Ion	Ratio	Lower	Upper
172	100		
171	34.2	27.4	41.2
170	23.0	18.6	28.0



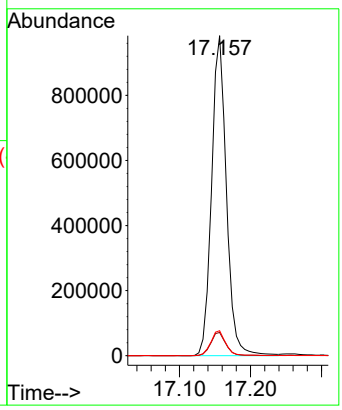


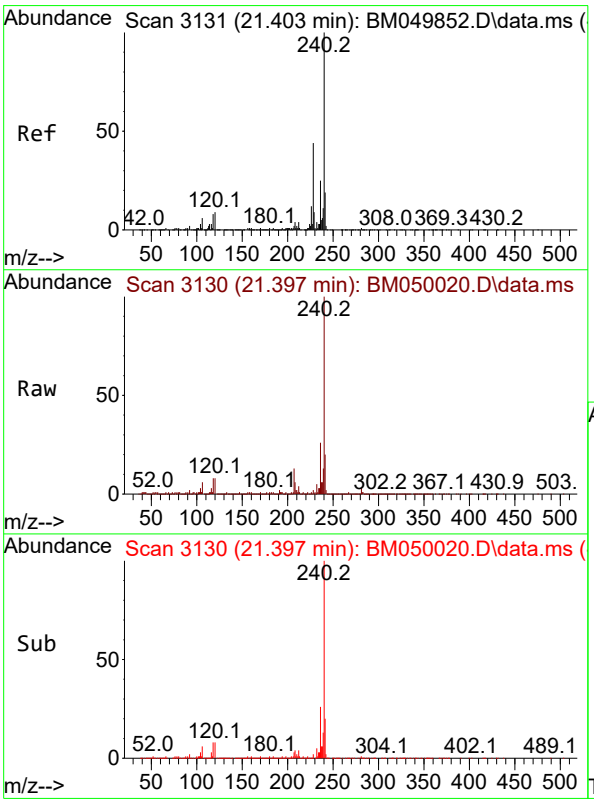
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM050020.D
Acq: 23 Apr 2025 19:11

Instrument :
BNA_M
ClientSampleId :
COMP-1

Tgt Ion:188 Resp: 1421818

Ion	Ratio	Lower	Upper
188	100		
94	7.2	5.8	8.6
80	7.8	6.4	9.6

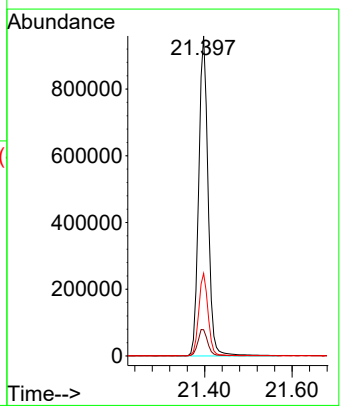


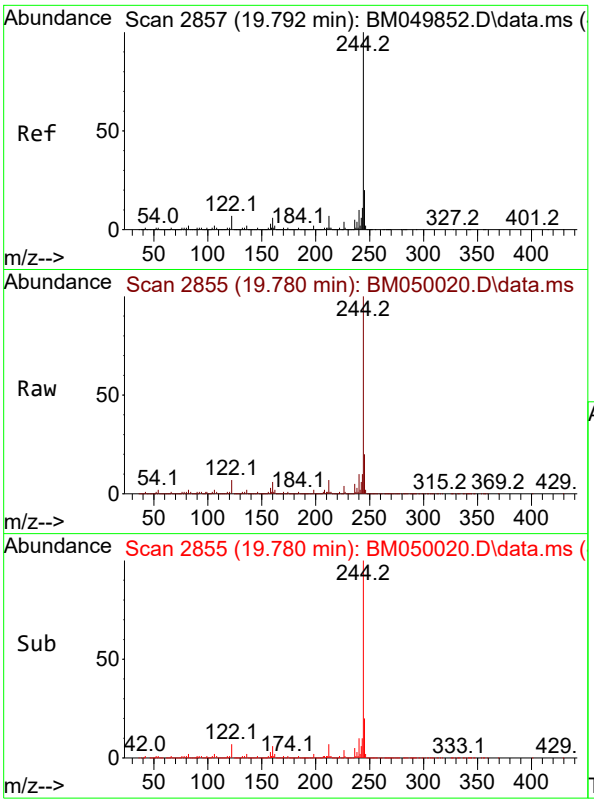


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.397 min Scan# 3130
Delta R.T. -0.006 min
Lab File: BM050020.D
Acq: 23 Apr 2025 19:11

Tgt Ion:240 Resp: 1426892

Ion	Ratio	Lower	Upper
240	100		
120	8.2	6.9	10.3
236	25.8	20.4	30.6



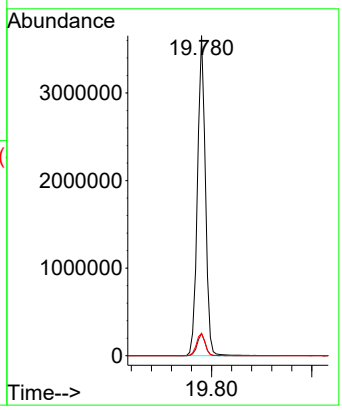


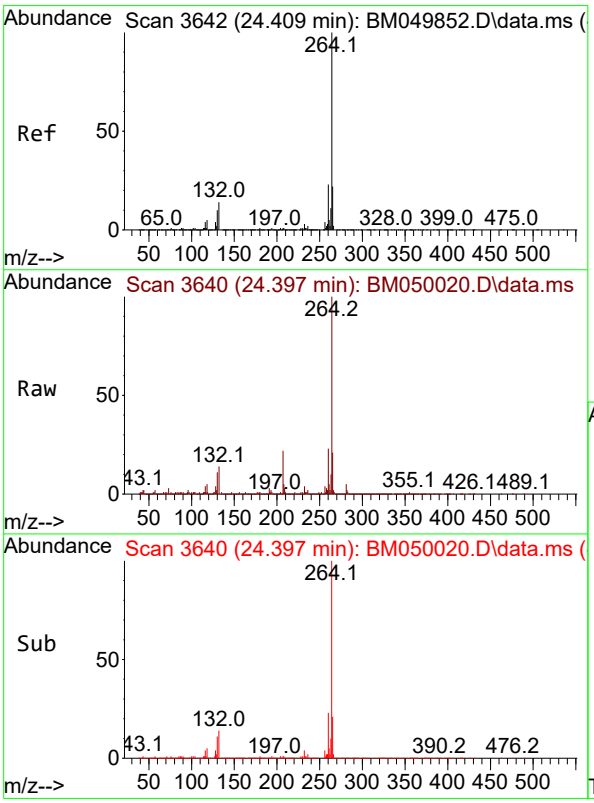
#79
Terphenyl-d14
Concen: 52.506 ng
RT: 19.780 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050020.D
Acq: 23 Apr 2025 19:11

Instrument :
BNA_M
ClientSampleId :
COMP-1

Tgt Ion:244 Resp: 3997791

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.5	8.3
122	6.9	5.4	8.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.397 min Scan# 3640
Delta R.T. -0.012 min
Lab File: BM050020.D
Acq: 23 Apr 2025 19:11

Tgt Ion:264 Resp: 1475476

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	28.0
265	21.3	17.8	26.8