Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041425\
Data File : BM049911.D
Acq On : 14 Apr 2025 13:09
Operator : RC/JU
Sample : PB167526BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167526BL

Quant Time: Apr 14 14:12:20 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	343014	20.000	ng	-0.01
21) Naphthalene-d8	10.563	136	1183426	20.000	ng	-0.01
39) Acenaphthene-d10	14.416	164	769691	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	1528429	20.000	ng	0.00
76) Chrysene-d12	21.392	240	1481778	20.000	ng	-0.01
86) Perylene-d12	24.391	264	1591402	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	2622715	129.836	ng	0.00
7) Phenol-d6	6.951	99	3150667	125.361	ng	0.00
23) Nitrobenzene-d5	8.928	82	1897683	89.294	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	1581942	141.302	ng	0.00
45) 2-Fluorobiphenyl	13.033	172	5037971	88.757	ng	-0.01
79) Terphenyl-d14	19.786	244	8585466	108.583	ng	0.00
Target Compounds						Qvalue

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

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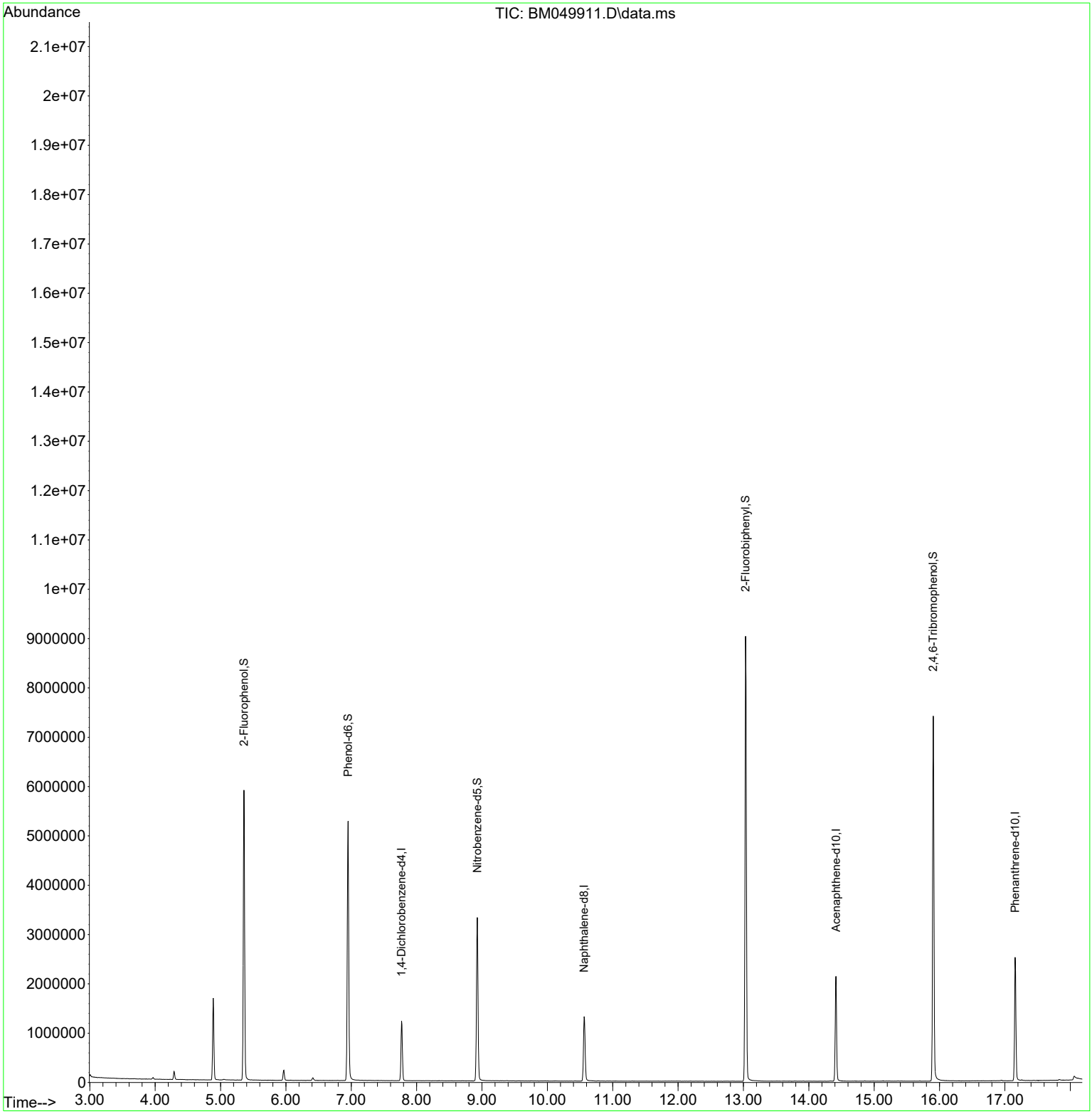

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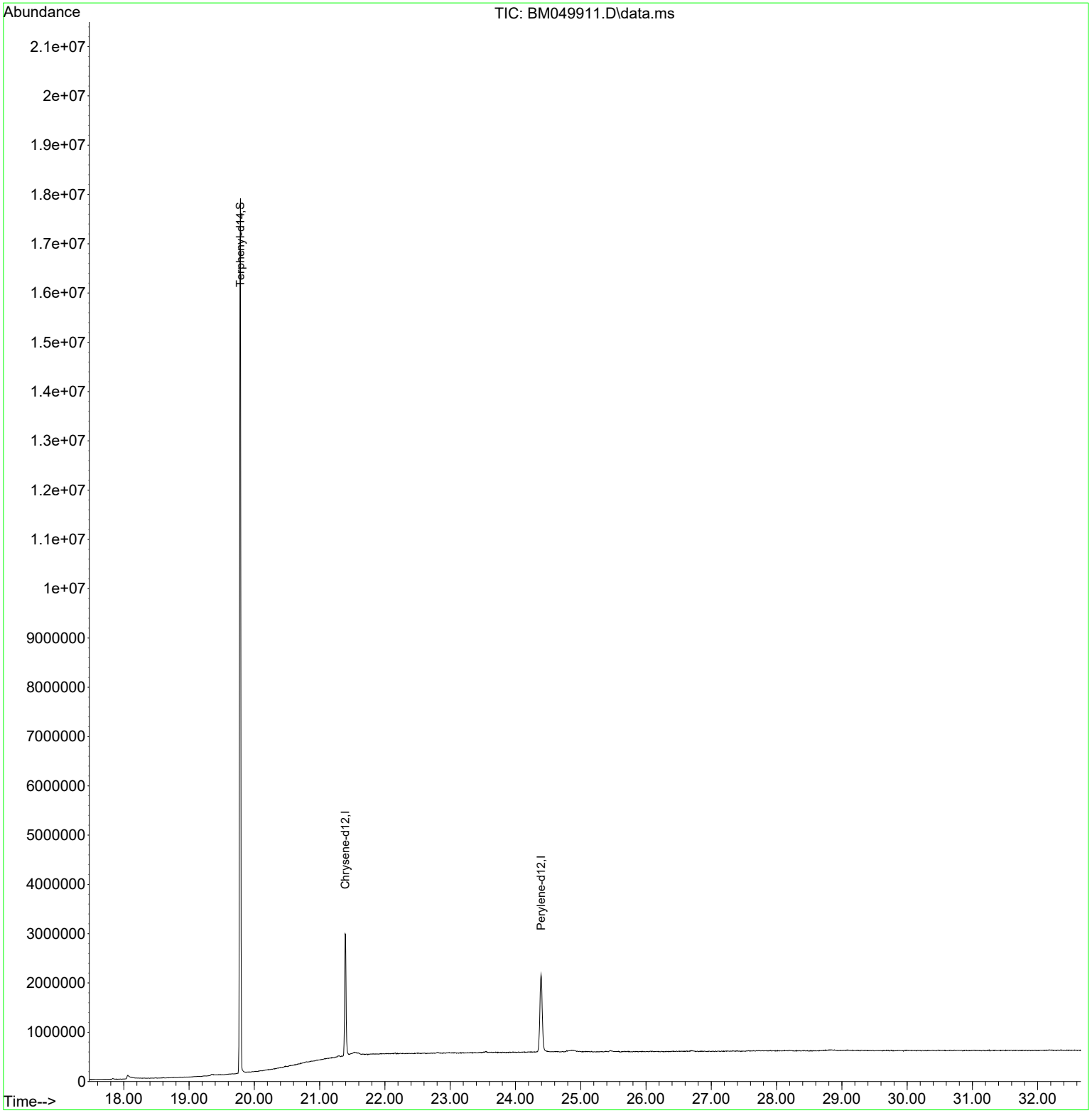
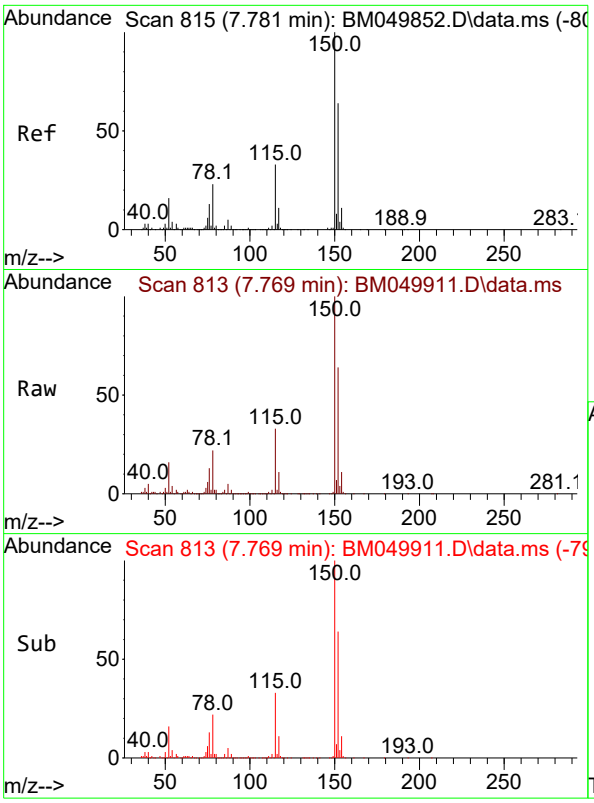


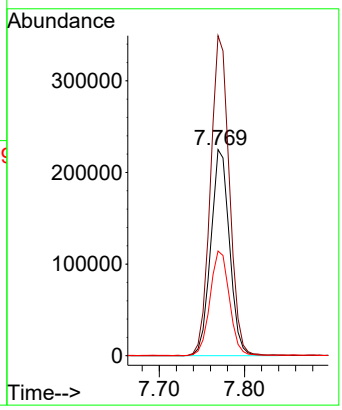


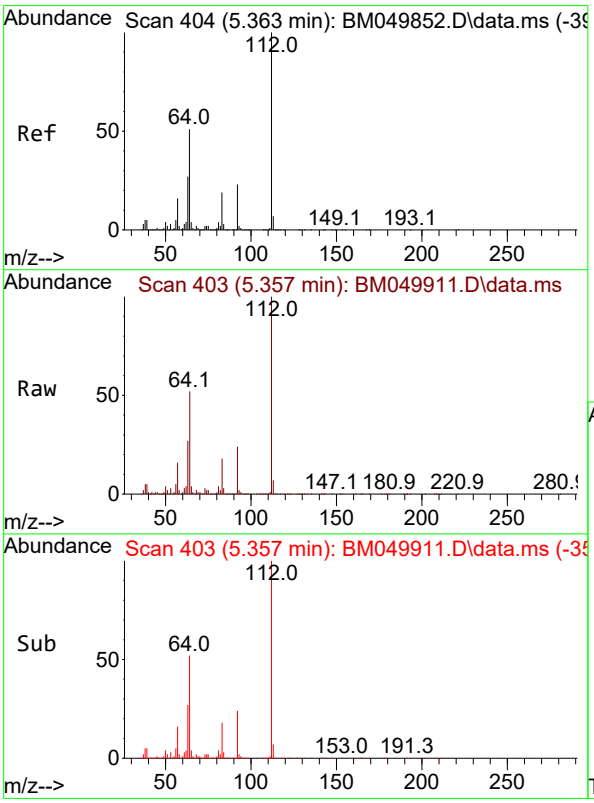
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 8
Delta R.T. -0.012 min
Lab File: BM049911.D
Acq: 14 Apr 2025 13:09

Instrument :
BNA_M
ClientSampleId :
PB167526BL

Tgt Ion:152 Resp: 343014

Ion	Ratio	Lower	Upper
152	100		
150	155.3	124.3	186.5
115	50.8	41.1	61.7

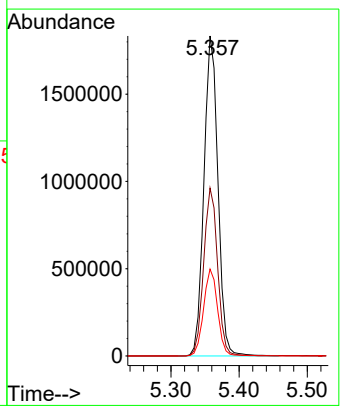


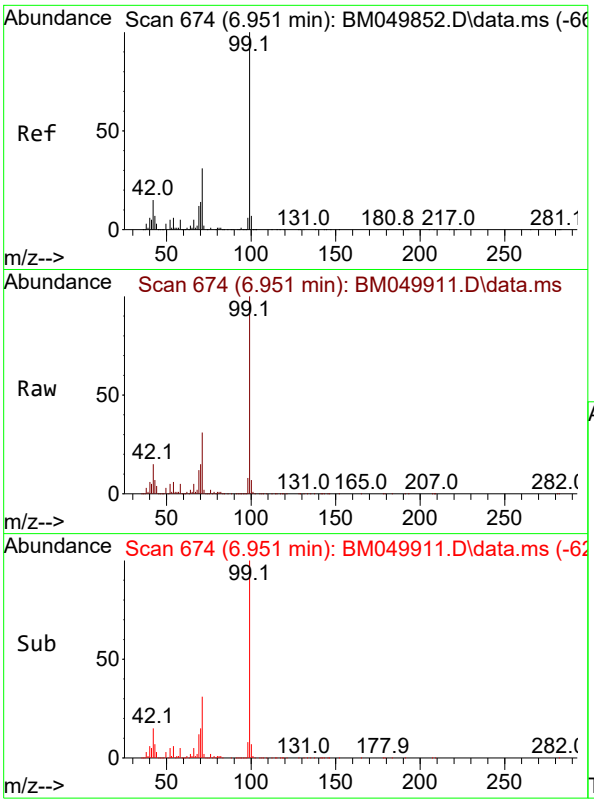


#5
2-Fluorophenol
Concen: 129.836 ng
RT: 5.357 min Scan# 403
Delta R.T. -0.006 min
Lab File: BM049911.D
Acq: 14 Apr 2025 13:09

Tgt Ion:112 Resp: 2622715

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



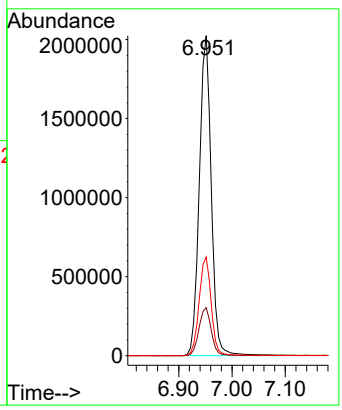


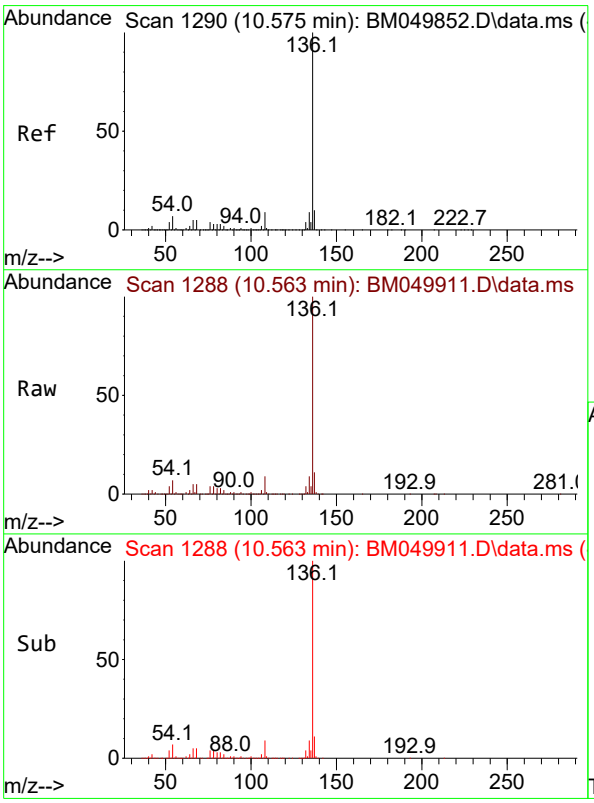
#7
Phenol-d6
Concen: 125.361 ng
RT: 6.951 min Scan# 6
Delta R.T. -0.000 min
Lab File: BM049911.D
Acq: 14 Apr 2025 13:09

Instrument :
BNA_M
ClientSampleId :
PB167526BL

Tgt Ion: 99 Resp: 3150667

Ion	Ratio	Lower	Upper
99	100		
42	15.0	12.1	18.1
71	30.9	24.9	37.3

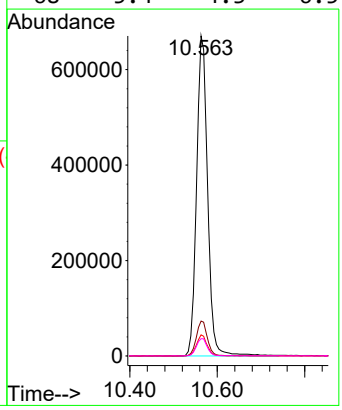


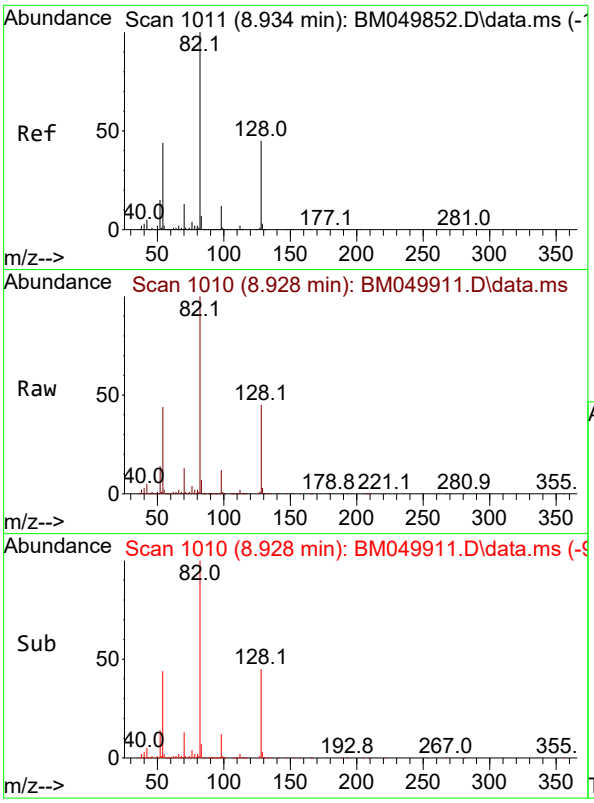


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 1288
Delta R.T. -0.012 min
Lab File: BM049911.D
Acq: 14 Apr 2025 13:09

Tgt Ion:136 Resp: 1183426

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	6.6	5.3	7.9
68	5.4	4.3	6.5



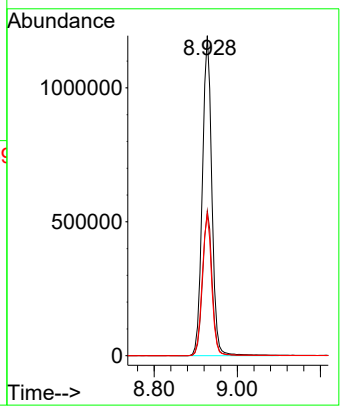


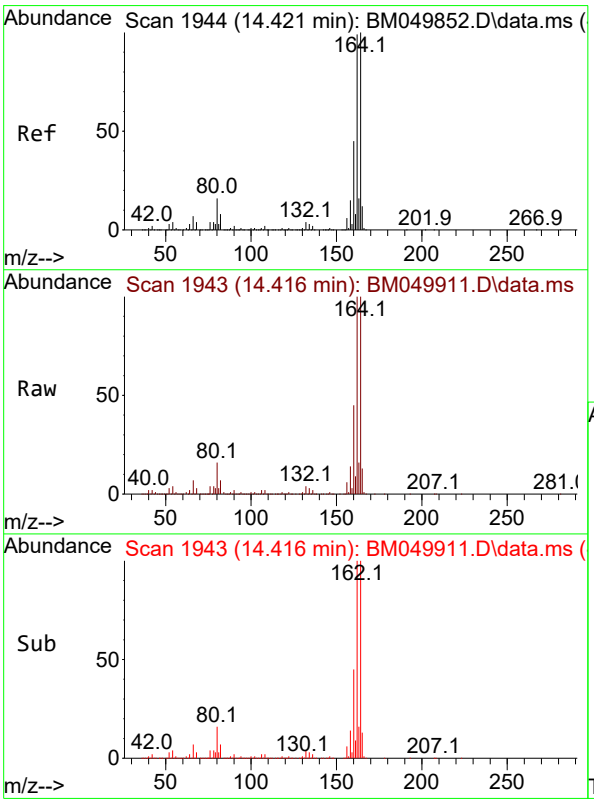
#23
Nitrobenzene-d5
Concen: 89.294 ng
RT: 8.928 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM049911.D
Acq: 14 Apr 2025 13:09

Instrument :
BNA_M
ClientSampleId :
PB167526BL

Tgt Ion: 82 Resp: 1897683

Ion	Ratio	Lower	Upper
82	100		
128	45.2	36.2	54.2
54	44.2	35.0	52.6

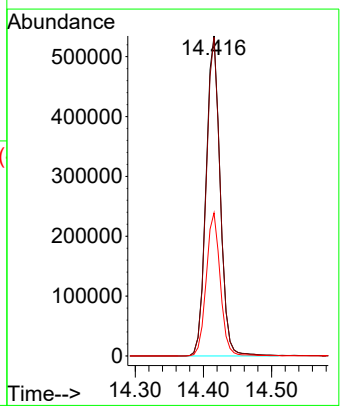


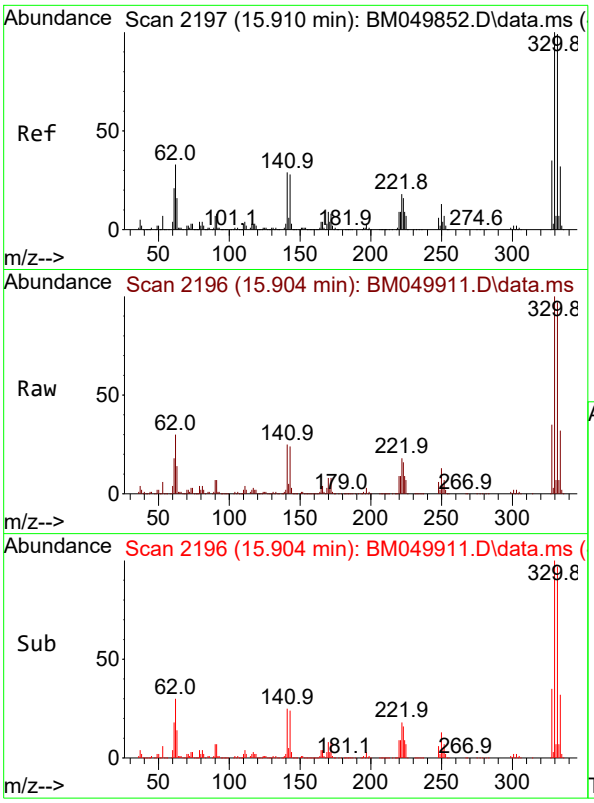


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.416 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BM049911.D
Acq: 14 Apr 2025 13:09

Tgt Ion:164 Resp: 769691

Ion	Ratio	Lower	Upper
164	100		
162	99.6	79.4	119.0
160	44.7	36.2	54.2



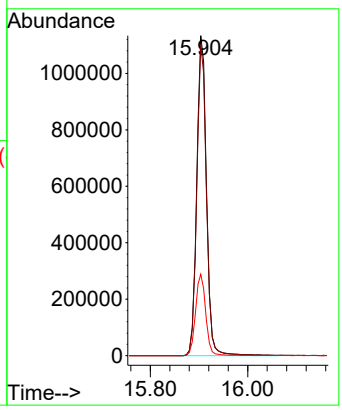


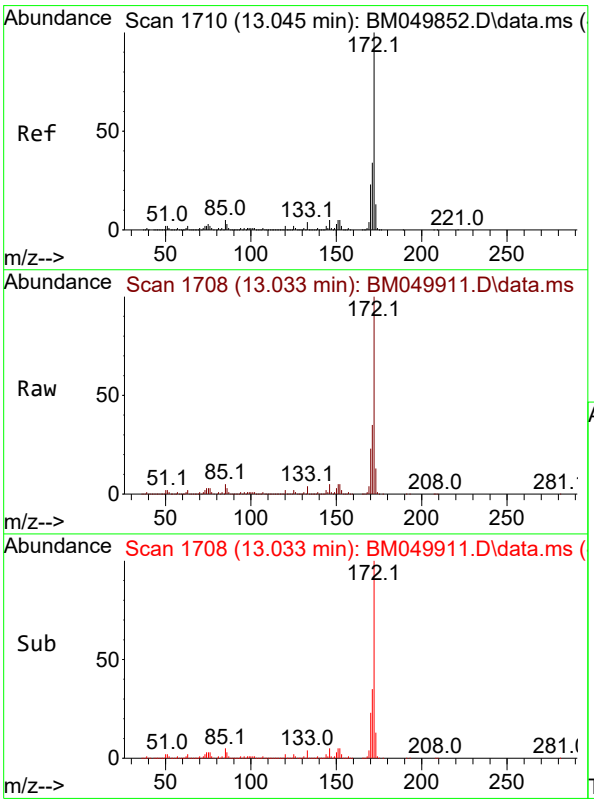
#42
2,4,6-Tribromophenol
Concen: 141.302 ng
RT: 15.904 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM049911.D
Acq: 14 Apr 2025 13:09

Instrument :
BNA_M
ClientSampleId :
PB167526BL

Tgt Ion:330 Resp: 1581942

Ion	Ratio	Lower	Upper
330	100		
332	96.4	78.0	117.0
141	26.6	23.5	35.3

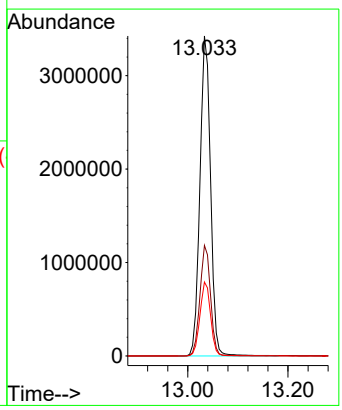


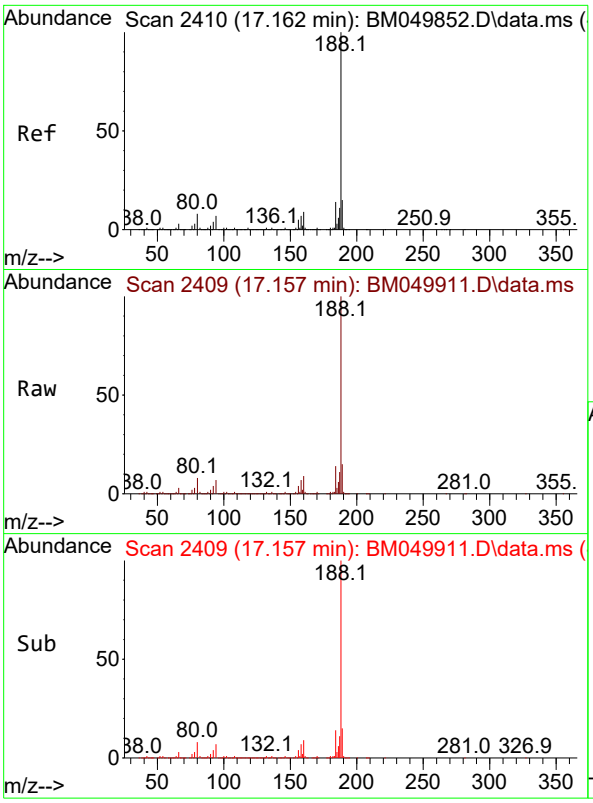


#45
2-Fluorobiphenyl
Concen: 88.757 ng
RT: 13.033 min Scan# 1708
Delta R.T. -0.012 min
Lab File: BM049911.D
Acq: 14 Apr 2025 13:09

Tgt Ion:172 Resp: 5037971

Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.4	41.2
170	23.1	18.6	28.0



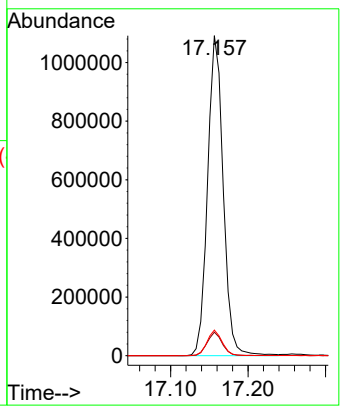


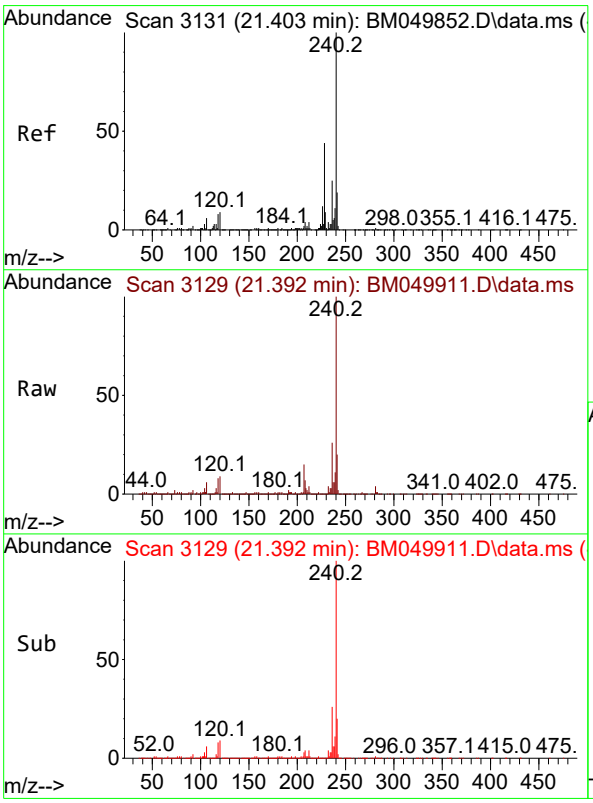
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM049911.D
Acq: 14 Apr 2025 13:09

Instrument :
BNA_M
ClientSampleId :
PB167526BL

Tgt Ion:188 Resp: 1528429

Ion	Ratio	Lower	Upper
188	100		
94	7.4	5.8	8.6
80	8.0	6.4	9.6

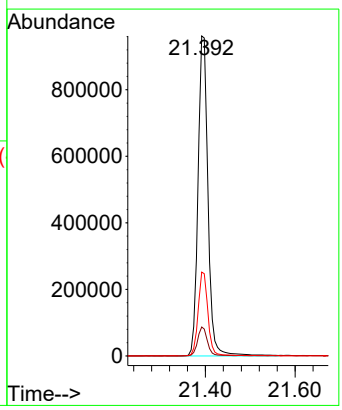


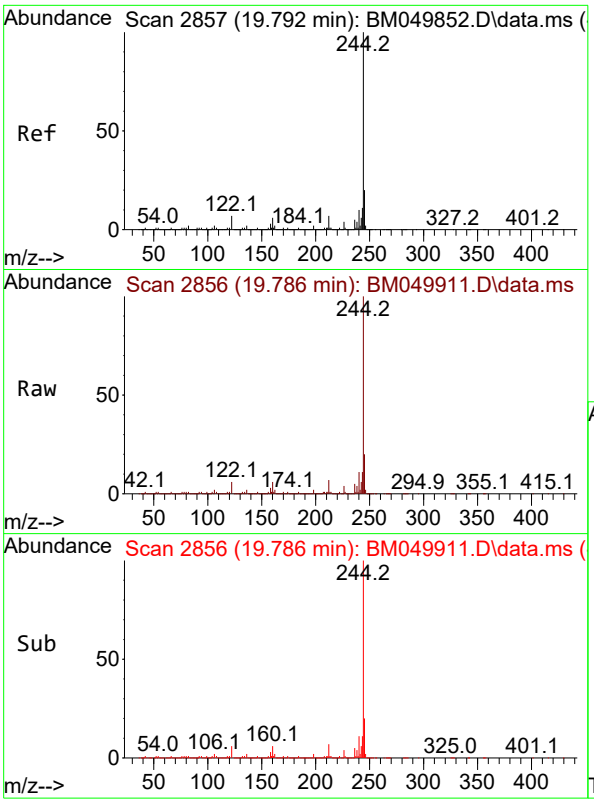


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.392 min Scan# 3129
Delta R.T. -0.012 min
Lab File: BM049911.D
Acq: 14 Apr 2025 13:09

Tgt Ion:240 Resp: 1481778

Ion	Ratio	Lower	Upper
240	100		
120	9.0	6.9	10.3
236	26.2	20.4	30.6



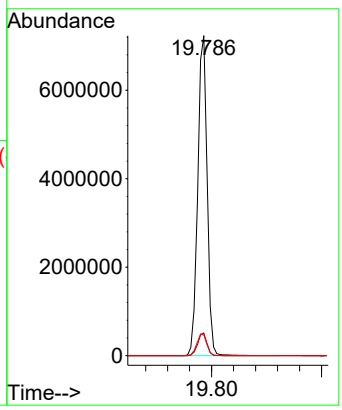


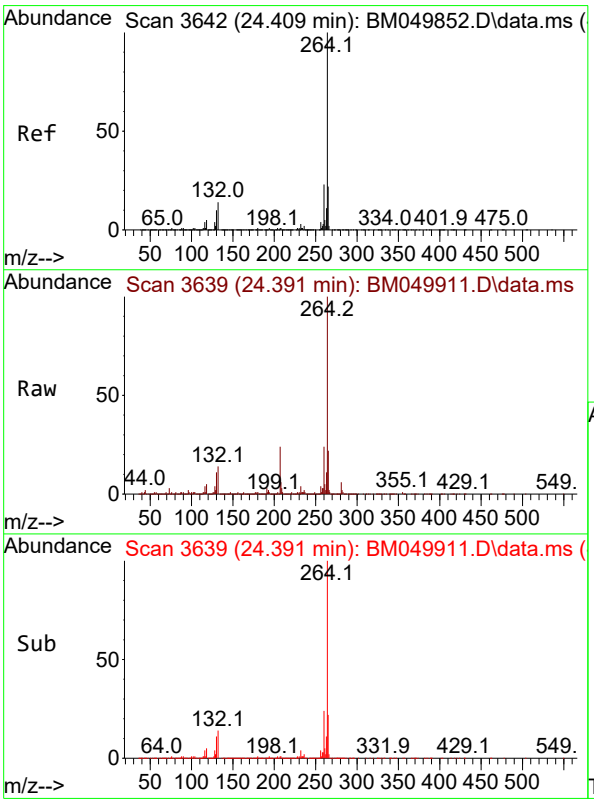
#79
Terphenyl-d14
Concen: 108.583 ng
RT: 19.786 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM049911.D
Acq: 14 Apr 2025 13:09

Instrument :
BNA_M
ClientSampleId :
PB167526BL

Tgt Ion:244 Resp: 8585466

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.5	8.3
122	6.4	5.4	8.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.391 min Scan# 3639
Delta R.T. -0.018 min
Lab File: BM049911.D
Acq: 14 Apr 2025 13:09

Tgt Ion:264 Resp: 1591402

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.6	28.0
265	22.2	17.8	26.8