Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050925\
Data File : BM050170.D
Acq On : 09 May 2025 21:59
Operator : RC/JU
Sample : Q1983-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OR-636-COMP-03

Quant Time: May 09 23:38:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 08 12:03:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.739	152	364765	20.000	ng	-0.03
21) Naphthalene-d8	10.533	136	1328513	20.000	ng	-0.03
39) Acenaphthene-d10	14.392	164	928935	20.000	ng	-0.02
64) Phenanthrene-d10	17.145	188	1797438	20.000	ng	-0.01
76) Chrysene-d12	21.392	240	1166002	20.000	ng	0.00
86) Perylene-d12	24.391	264	1059332	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	2534293	121.660	ng	-0.02
7) Phenol-d6	6.934	99	2919224	111.498	ng	-0.02
23) Nitrobenzene-d5	8.904	82	2136813	79.257	ng	-0.02
42) 2,4,6-Tribromophenol	15.892	330	1956382	142.432	ng	-0.01
45) 2-Fluorobiphenyl	13.004	172	5874142	74.806	ng	-0.03
79) Terphenyl-d14	19.768	244	9519728	120.812	ng	-0.01
Target Compounds						Qvalue

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

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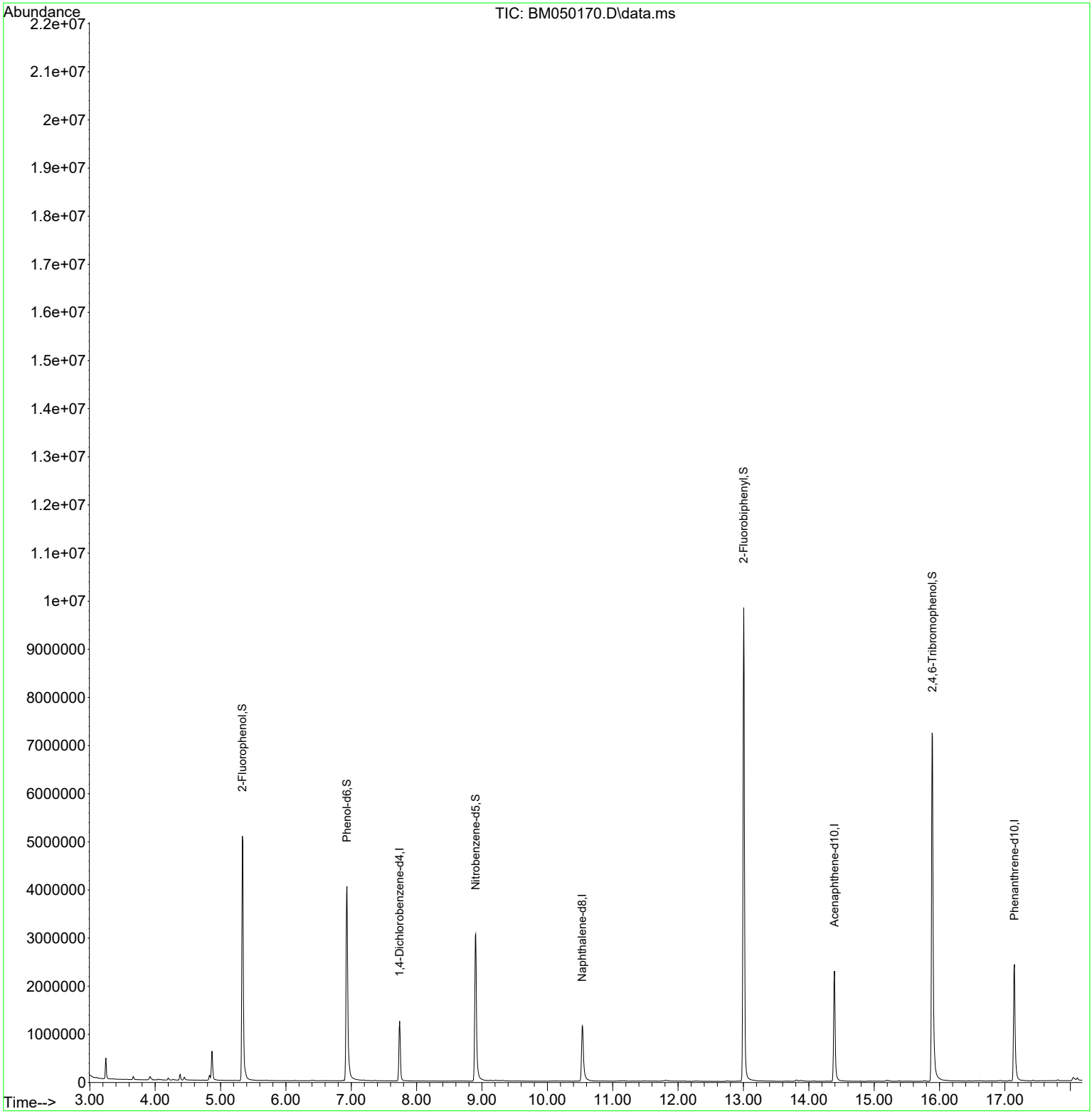

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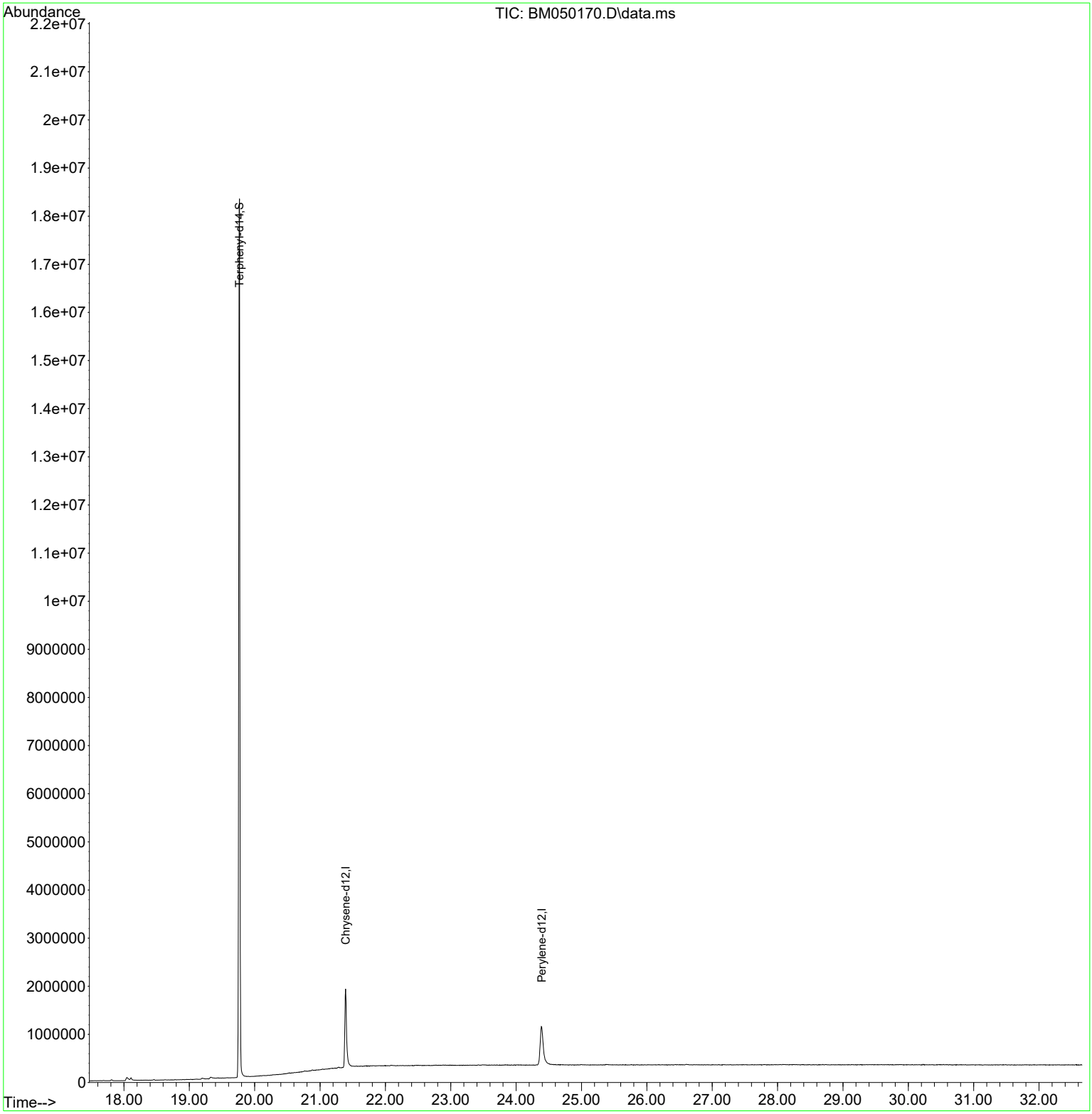
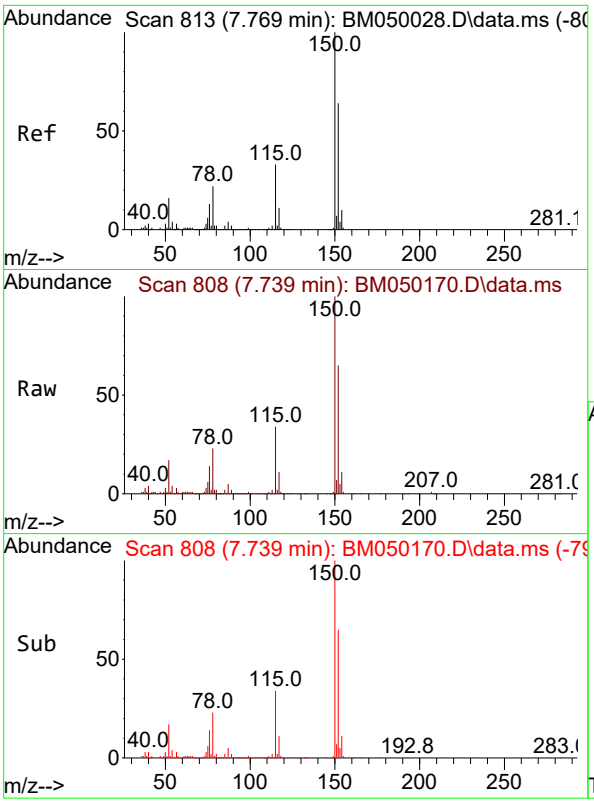


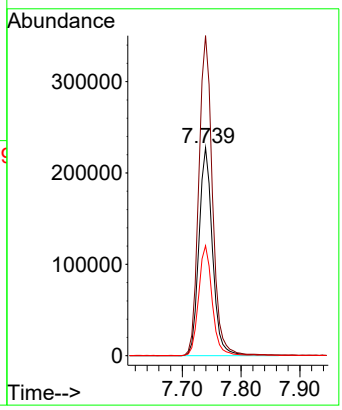


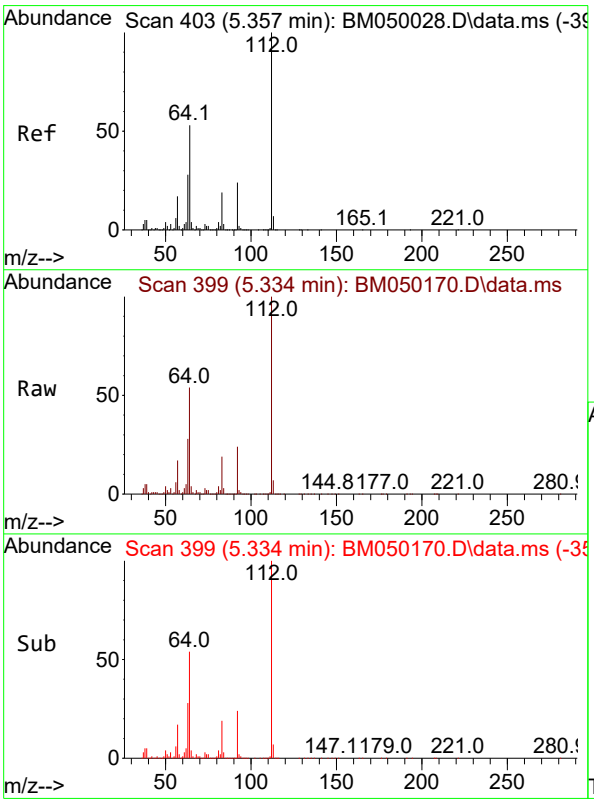
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.739 min Scan# 80
Delta R.T. -0.030 min
Lab File: BM050170.D
Acq: 09 May 2025 21:59

Instrument :
BNA_M
ClientSampleId :
OR-636-COMP-03

Tgt Ion:152 Resp: 364765

Ion	Ratio	Lower	Upper
152	100		
150	153.9	124.1	186.1
115	52.9	41.2	61.8

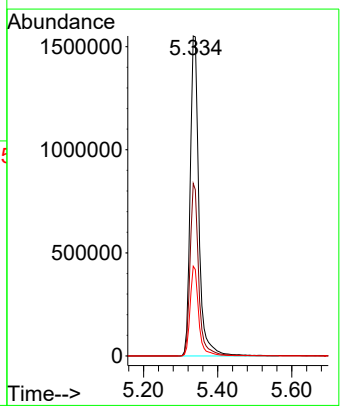


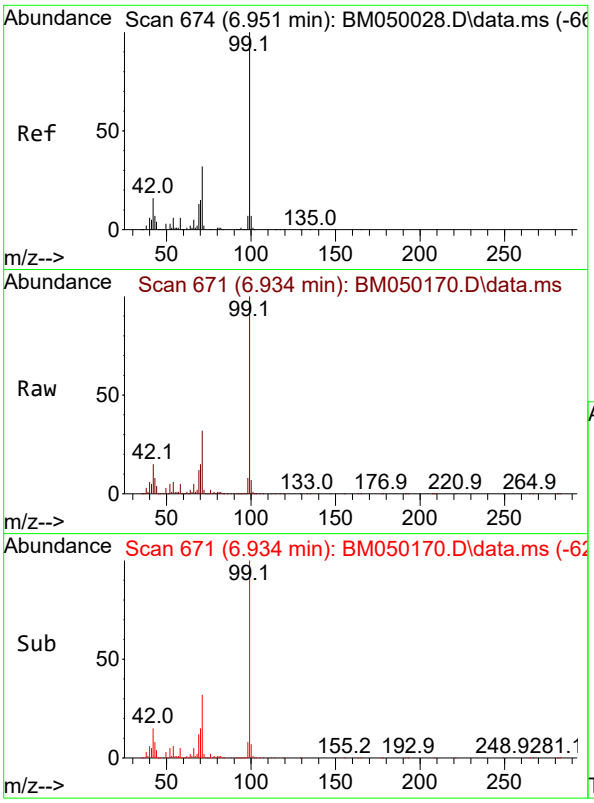


#5
2-Fluorophenol
Concen: 121.660 ng
RT: 5.334 min Scan# 399
Delta R.T. -0.024 min
Lab File: BM050170.D
Acq: 09 May 2025 21:59

Tgt Ion:112 Resp: 2534293

Ion	Ratio	Lower	Upper
112	100		
64	53.9	42.6	64.0
63	28.0	22.2	33.4



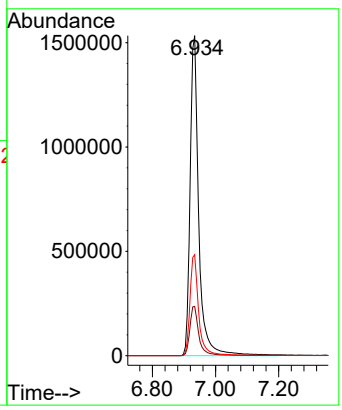


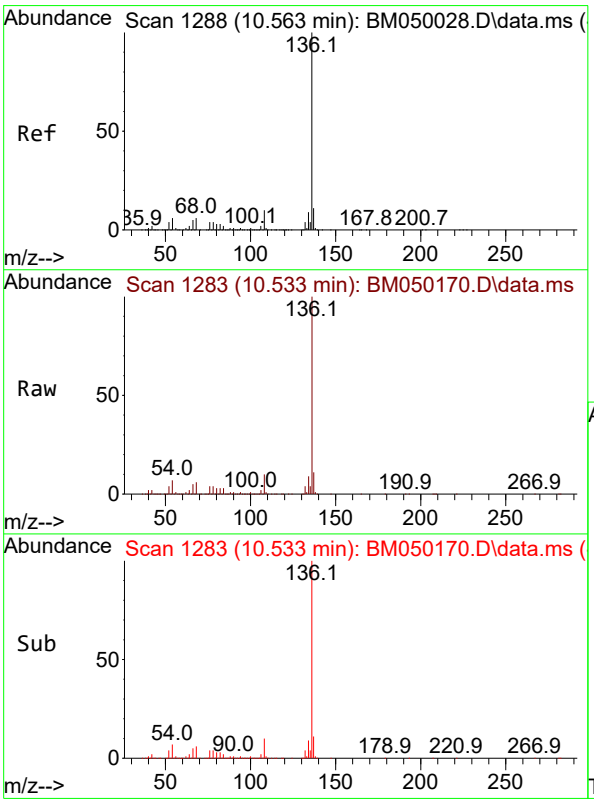
#7
Phenol-d6
Concen: 111.498 ng
RT: 6.934 min Scan# 6
Delta R.T. -0.018 min
Lab File: BM050170.D
Acq: 09 May 2025 21:59

Instrument :
BNA_M
ClientSampleId :
OR-636-COMP-03

Tgt Ion: 99 Resp: 2919224

Ion	Ratio	Lower	Upper
99	100		
42	15.4	13.0	19.4
71	31.6	25.6	38.4

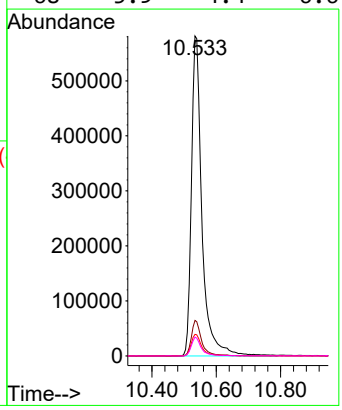


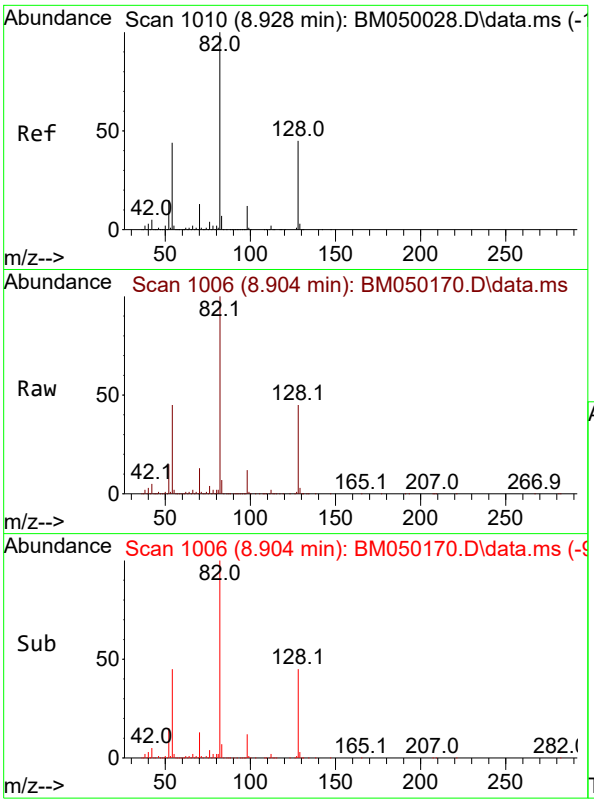


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.533 min Scan# 1283
Delta R.T. -0.029 min
Lab File: BM050170.D
Acq: 09 May 2025 21:59

Tgt Ion:136 Resp: 1328513

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	6.7	5.1	7.7
68	5.9	4.4	6.6



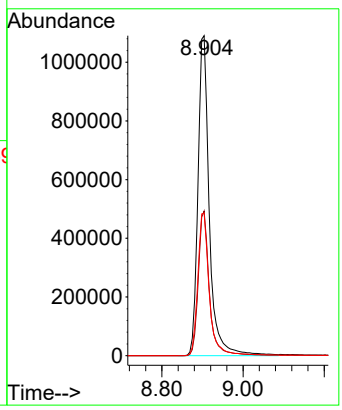


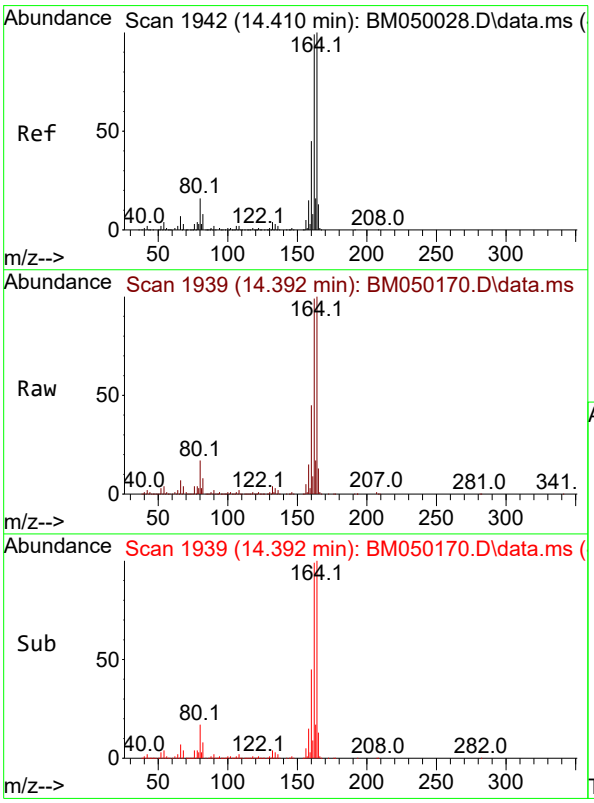
#23
Nitrobenzene-d5
Concen: 79.257 ng
RT: 8.904 min Scan# 1(
Delta R.T. -0.024 min
Lab File: BM050170.D
Acq: 09 May 2025 21:59

Instrument :
BNA_M
ClientSampleId :
OR-636-COMP-03

Tgt Ion: 82 Resp: 2136813

Ion	Ratio	Lower	Upper
82	100		
128	45.2	35.7	53.5
54	44.5	35.4	53.2

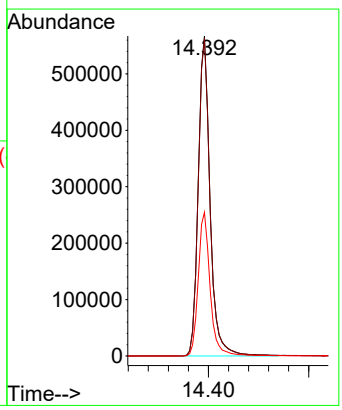


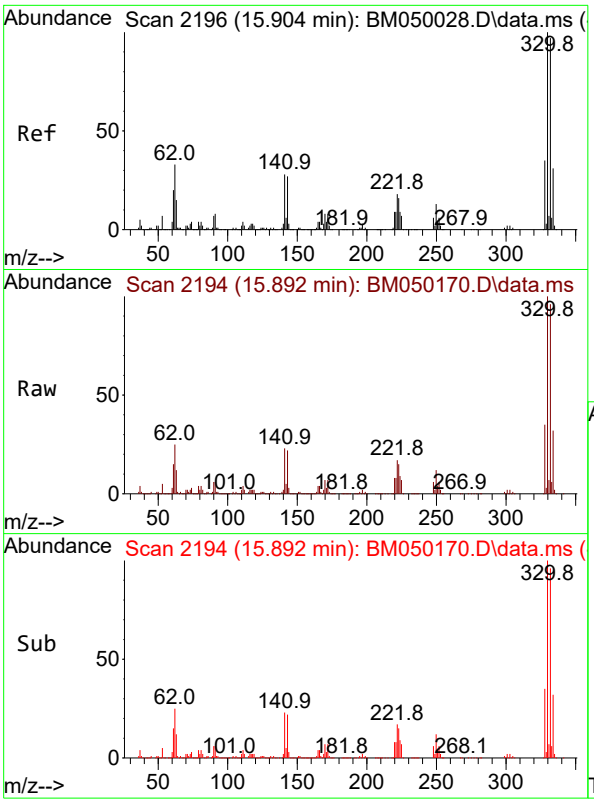


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1939
Delta R.T. -0.018 min
Lab File: BM050170.D
Acq: 09 May 2025 21:59

Tgt Ion:164 Resp: 928935

Ion	Ratio	Lower	Upper
164	100		
162	99.2	79.4	119.0
160	44.9	36.2	54.4



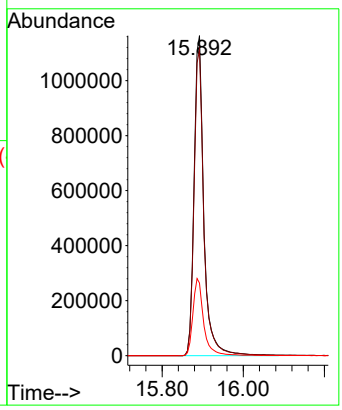


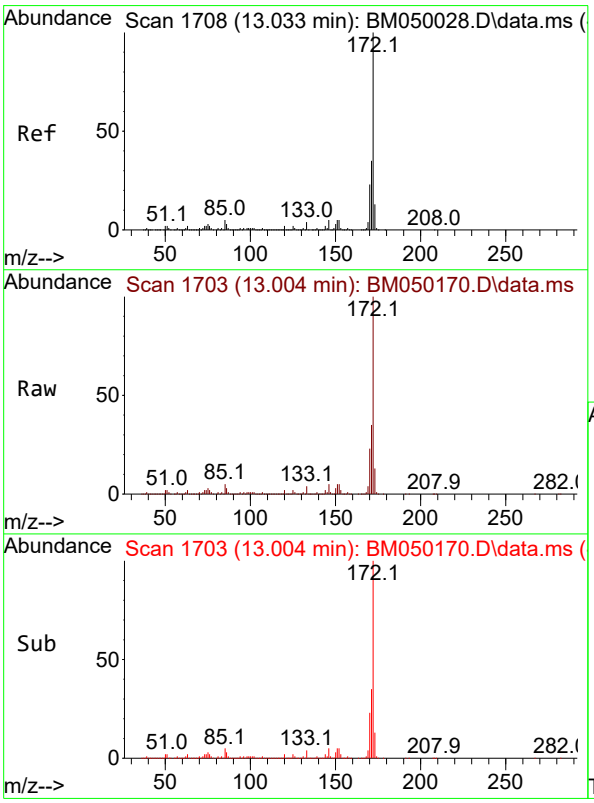
#42
2,4,6-Tribromophenol
Concen: 142.432 ng
RT: 15.892 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050170.D
Acq: 09 May 2025 21:59

Instrument :
BNA_M
ClientSampleId :
OR-636-COMP-03

Tgt Ion:330 Resp: 1956382

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.3	115.9
141	26.7	22.5	33.7

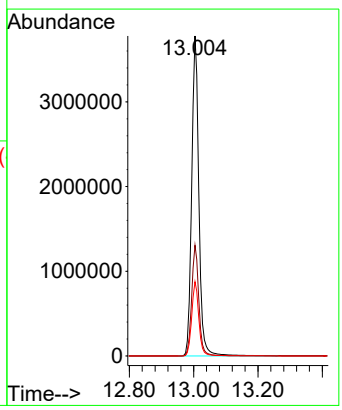


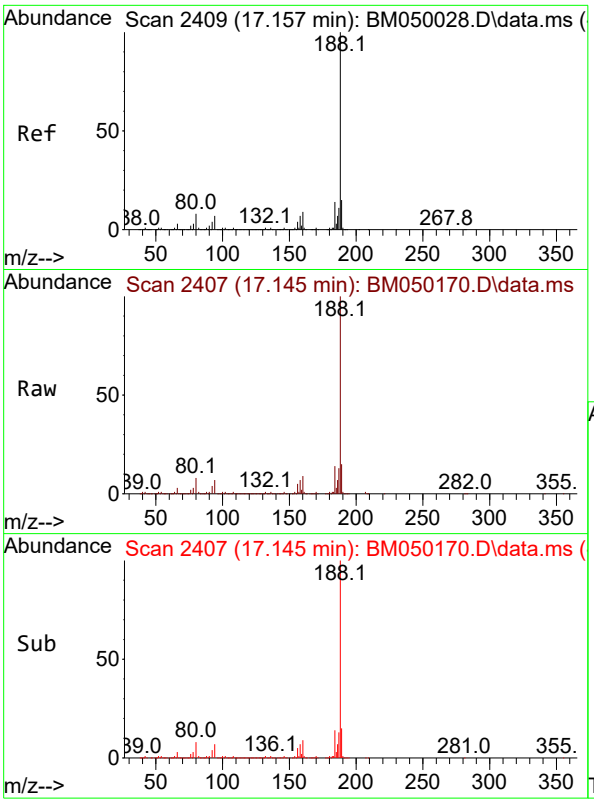


#45
2-Fluorobiphenyl
Concen: 74.806 ng
RT: 13.004 min Scan# 1703
Delta R.T. -0.029 min
Lab File: BM050170.D
Acq: 09 May 2025 21:59

Tgt Ion:172 Resp: 5874142

Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.8	41.6
170	23.2	18.6	28.0



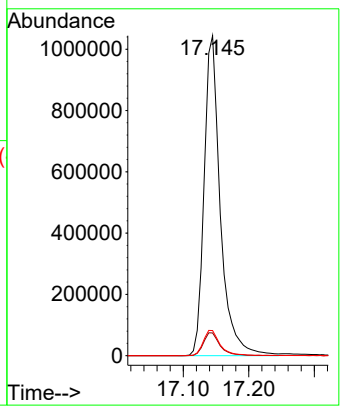


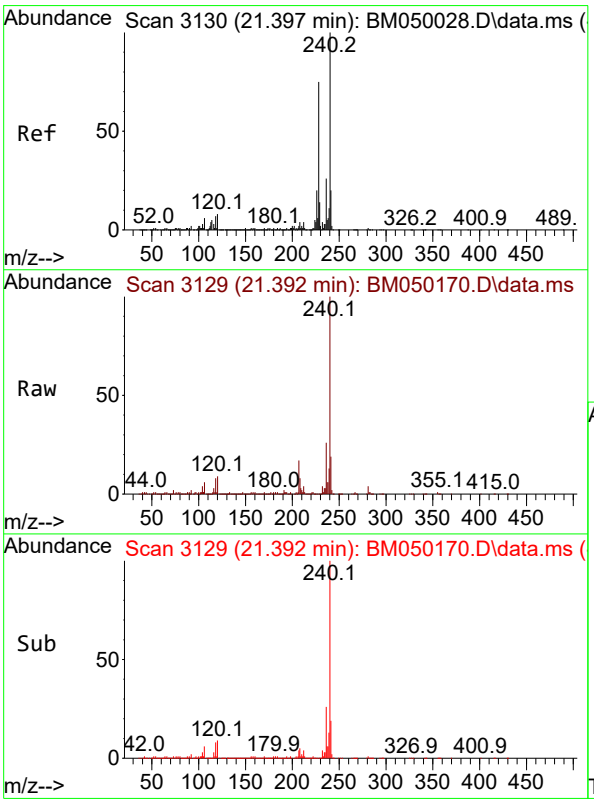
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 24
Delta R.T. -0.012 min
Lab File: BM050170.D
Acq: 09 May 2025 21:59

Instrument :
BNA_M
ClientSampleId :
OR-636-COMP-03

Tgt Ion:188 Resp: 1797438

Ion	Ratio	Lower	Upper
188	100		
94	7.1	5.7	8.5
80	7.8	6.2	9.4

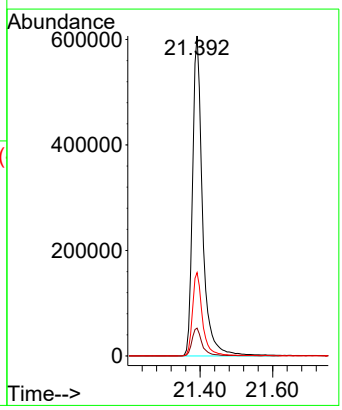


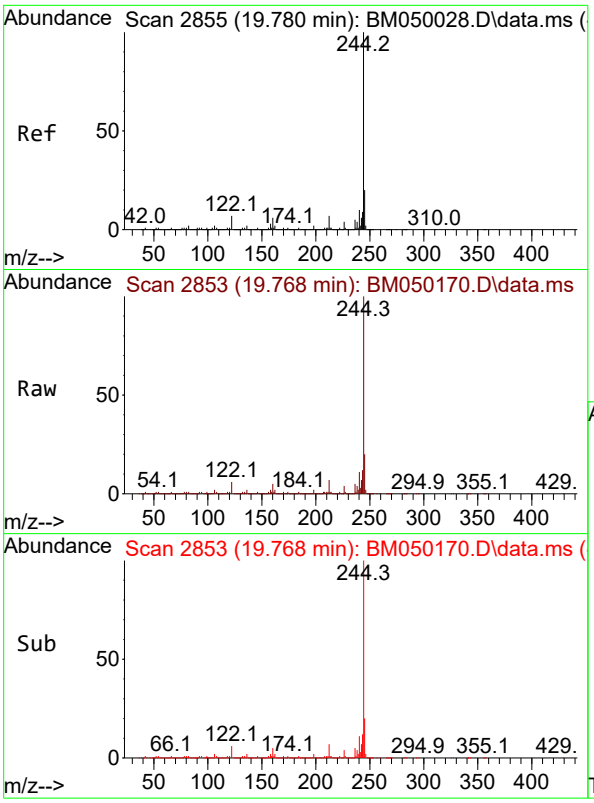


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.392 min Scan# 3129
Delta R.T. -0.005 min
Lab File: BM050170.D
Acq: 09 May 2025 21:59

Tgt Ion:240 Resp: 1166002

Ion	Ratio	Lower	Upper
240	100		
120	8.7	6.5	9.7
236	26.0	20.9	31.3



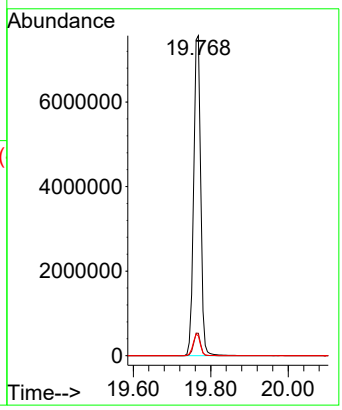


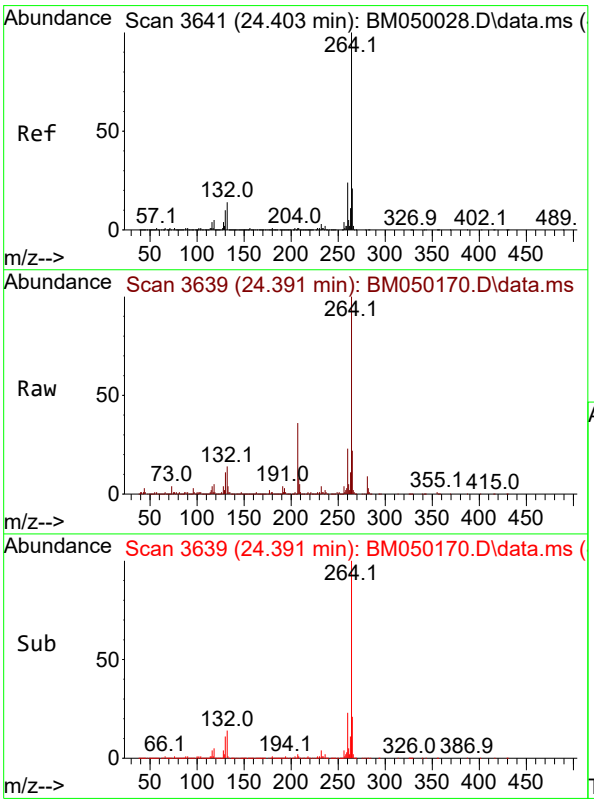
#79
Terphenyl-d14
Concen: 120.812 ng
RT: 19.768 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050170.D
Acq: 09 May 2025 21:59

Instrument :
BNA_M
ClientSampleId :
OR-636-COMP-03

Tgt Ion:244 Resp: 9519728

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	6.2	5.6	8.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.391 min Scan# 3639
Delta R.T. -0.012 min
Lab File: BM050170.D
Acq: 09 May 2025 21:59

Tgt Ion:264 Resp: 1059332

Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.8	28.2
265	22.1	17.0	25.4