Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050925\
Data File : BM050172.D
Acq On : 09 May 2025 23:18
Operator : RC/JU
Sample : Q1983-30
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OR-636-COMP-05

Quant Time: May 10 00:27:25 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	7.740	152	404081	20.000	ng	-0.03
21) Naphthalene-d8	10.534	136	1503980	20.000	ng	-0.03
39) Acenaphthene-d10	14.392	164	1002063	20.000	ng	-0.02
64) Phenanthrene-d10	17.139	188	1691545	20.000	ng	-0.02
76) Chrysene-d12	21.386	240	1125655	20.000	ng	-0.01
86) Perylene-d12	24.380	264	1156486	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	1367787	59.273	ng	-0.02
7) Phenol-d6	6.928	99	1893183	65.274	ng	-0.02
23) Nitrobenzene-d5	8.904	82	1076293	35.264	ng	-0.02
42) 2,4,6-Tribromophenol	15.892	330	720455	48.624	ng	-0.01
45) 2-Fluorobiphenyl	13.004	172	2825958	33.362	ng	-0.03
79) Terphenyl-d14	19.762	244	2903547	38.169	ng	-0.02
Target Compounds						Qvalue

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

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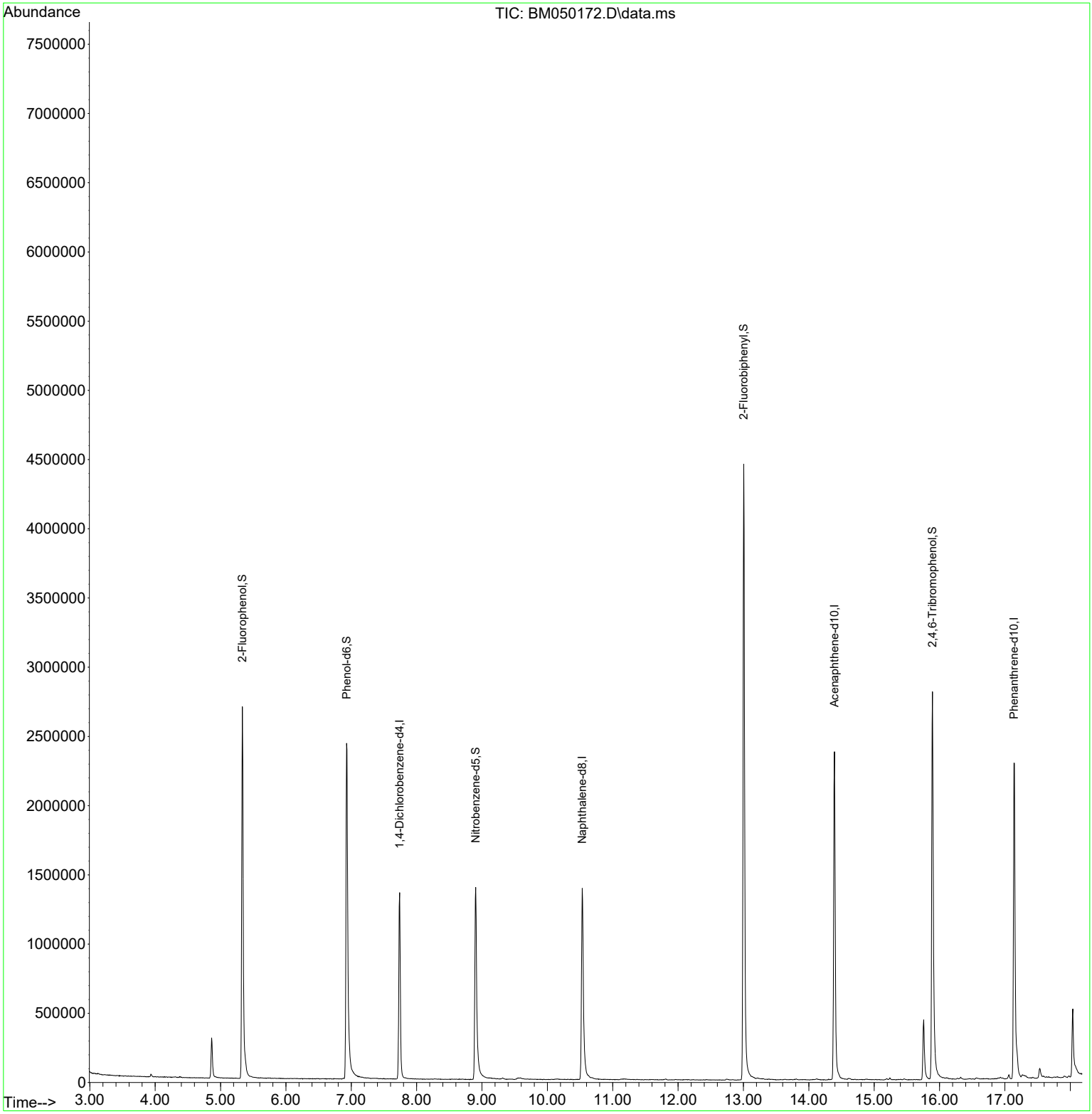

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050925\
Data File : BM050172.D
Acq On : 09 May 2025 23:18
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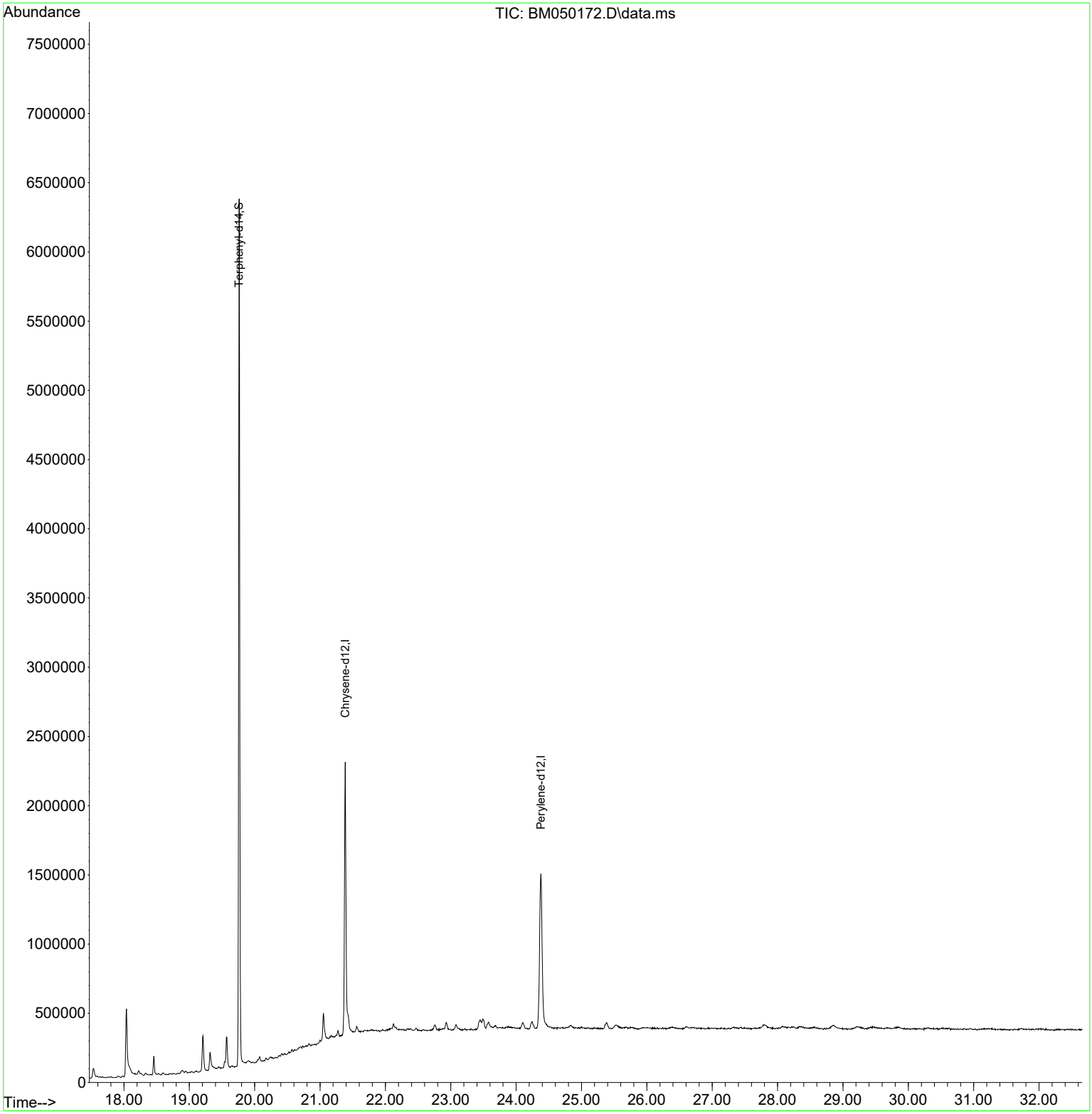
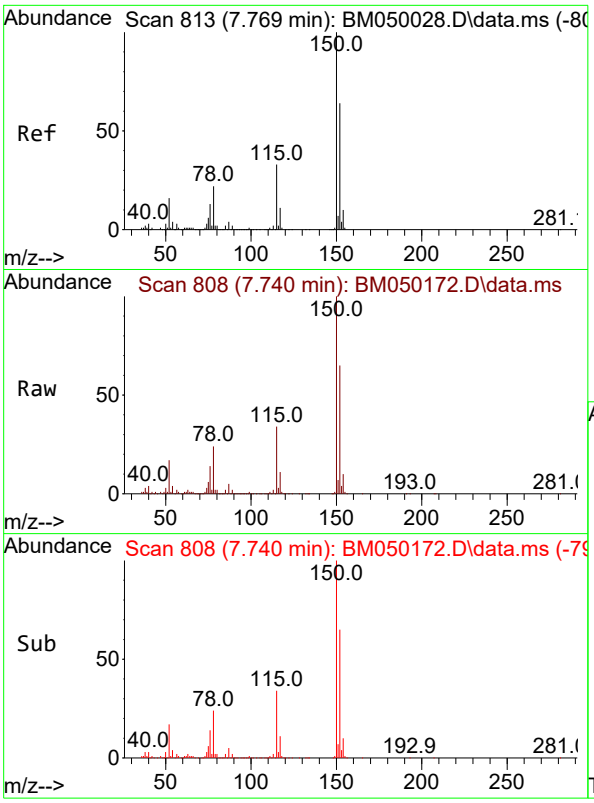


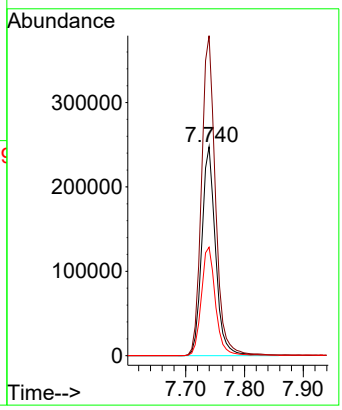


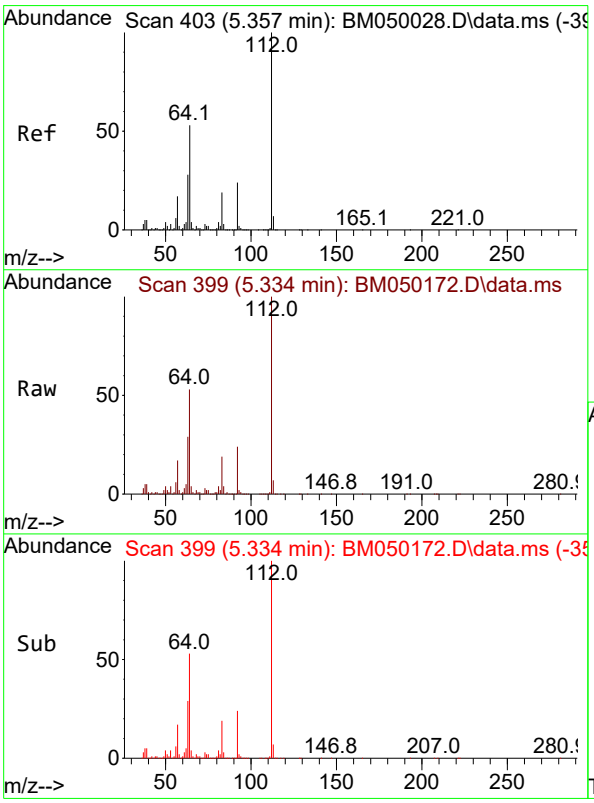
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.740 min Scan# 80
Delta R.T. -0.029 min
Lab File: BM050172.D
Acq: 09 May 2025 23:18

Instrument :
BNA_M
ClientSampleId :
OR-636-COMP-05

Tgt Ion:152 Resp: 404081

Ion	Ratio	Lower	Upper
152	100		
150	153.1	124.1	186.1
115	51.9	41.2	61.8

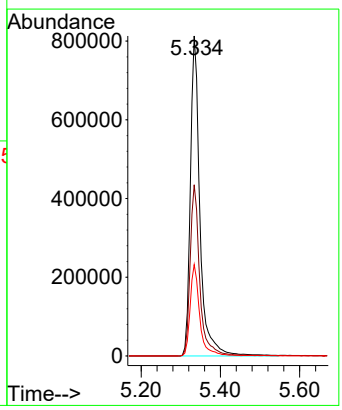


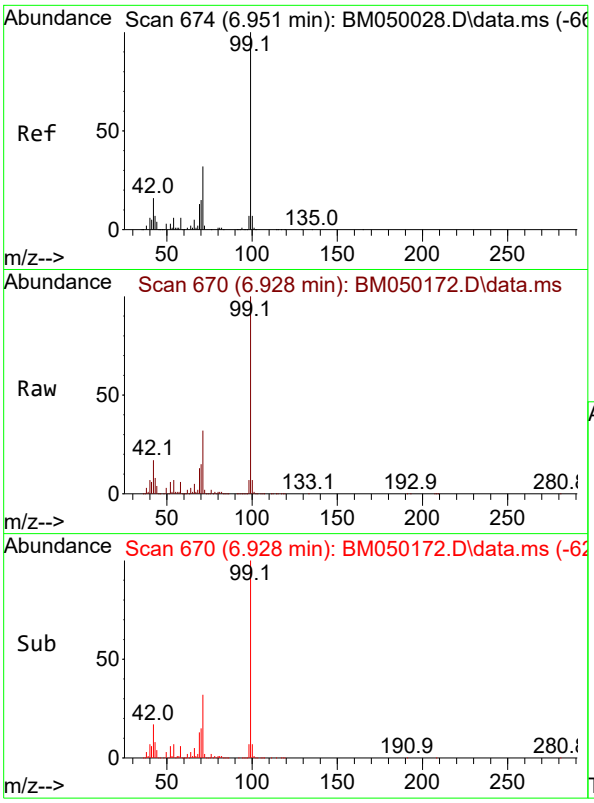


#5
2-Fluorophenol
Concen: 59.273 ng
RT: 5.334 min Scan# 399
Delta R.T. -0.023 min
Lab File: BM050172.D
Acq: 09 May 2025 23:18

Tgt Ion:112 Resp: 1367787

Ion	Ratio	Lower	Upper
112	100		
64	53.5	42.6	64.0
63	28.5	22.2	33.4



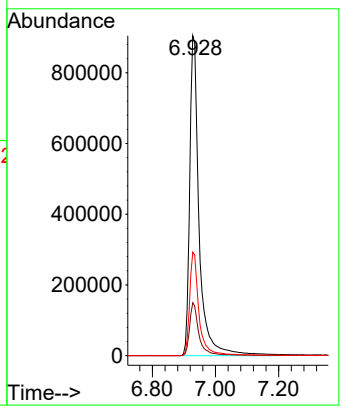


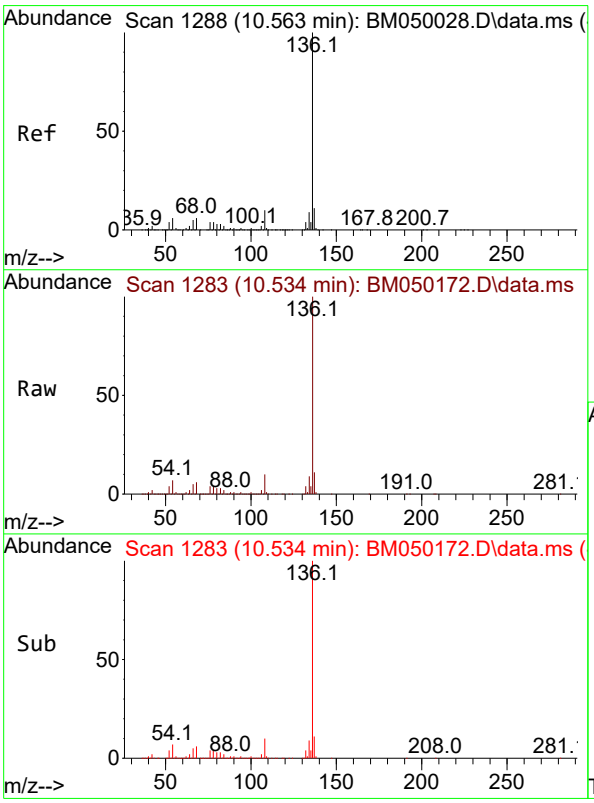
#7
Phenol-d6
Concen: 65.274 ng
RT: 6.928 min Scan# 6
Delta R.T. -0.023 min
Lab File: BM050172.D
Acq: 09 May 2025 23:18

Instrument :
BNA_M
ClientSampleId :
OR-636-COMP-05

Tgt Ion: 99 Resp: 1893183

Ion	Ratio	Lower	Upper
99	100		
42	16.6	13.0	19.4
71	32.4	25.6	38.4

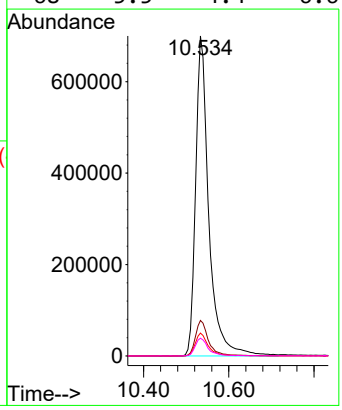


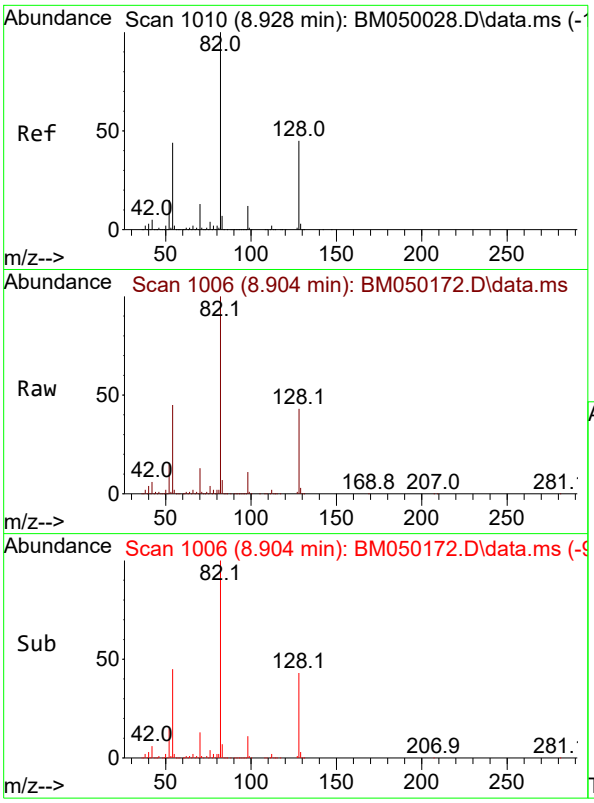


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.534 min Scan# 1283
Delta R.T. -0.029 min
Lab File: BM050172.D
Acq: 09 May 2025 23:18

Tgt Ion:136 Resp: 1503980

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.1	5.1	7.7
68	5.5	4.4	6.6



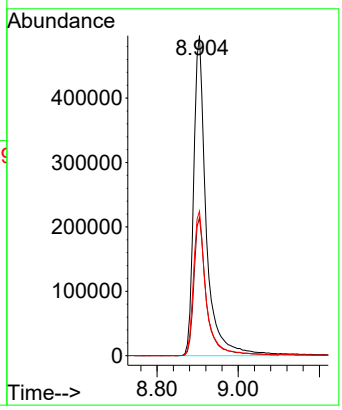


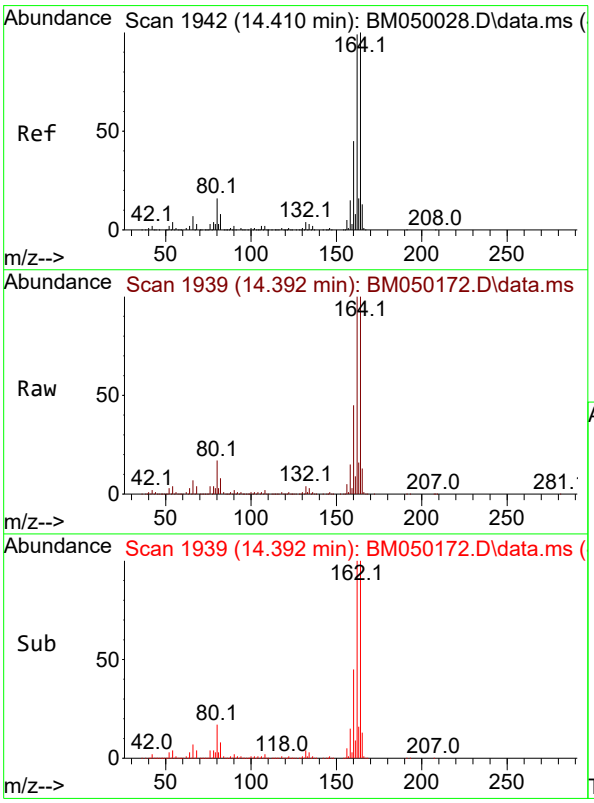
#23
Nitrobenzene-d5
Concen: 35.264 ng
RT: 8.904 min Scan# 1
Delta R.T. -0.023 min
Lab File: BM050172.D
Acq: 09 May 2025 23:18

Instrument :
BNA_M
ClientSampleId :
OR-636-COMP-05

Tgt Ion: 82 Resp: 1076293

Ion	Ratio	Lower	Upper
82	100		
128	43.1	35.7	53.5
54	45.1	35.4	53.2

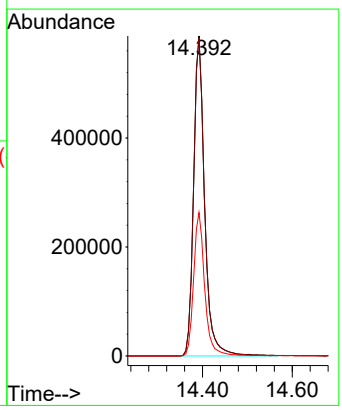


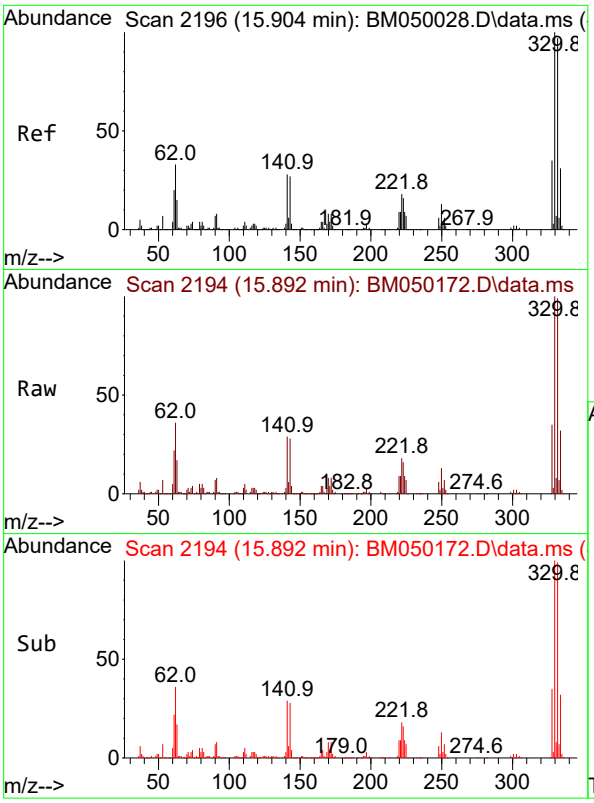


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1939
Delta R.T. -0.018 min
Lab File: BM050172.D
Acq: 09 May 2025 23:18

Tgt Ion:164 Resp: 1002063

Ion	Ratio	Lower	Upper
164	100		
162	99.6	79.4	119.0
160	44.8	36.2	54.4



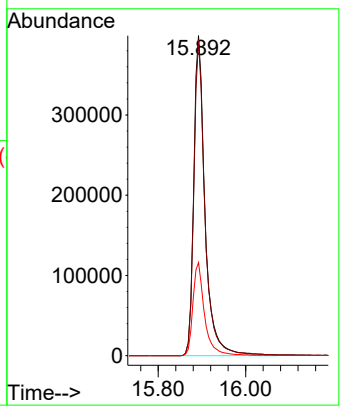


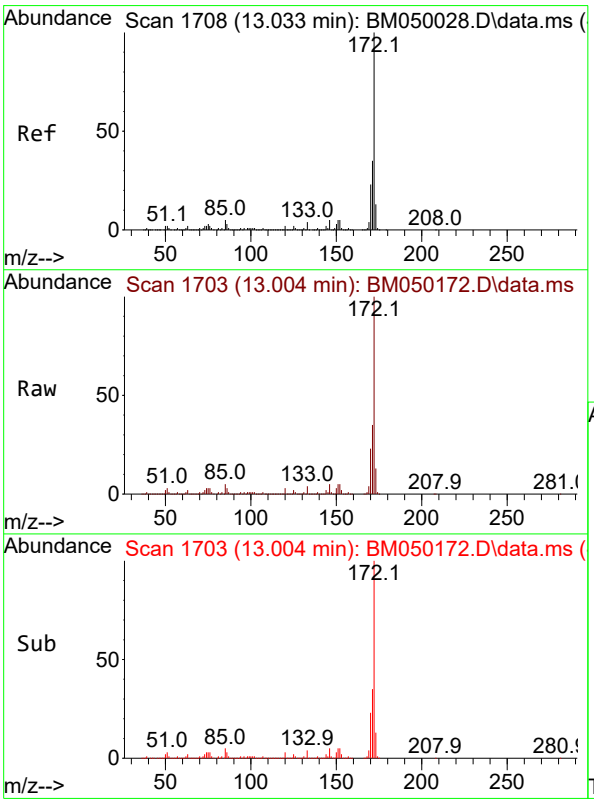
#42
2,4,6-Tribromophenol
Concen: 48.624 ng
RT: 15.892 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM050172.D
Acq: 09 May 2025 23:18

Instrument :
BNA_M
ClientSampleId :
OR-636-COMP-05

Tgt Ion:330 Resp: 720455

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.3	115.9
141	30.3	22.5	33.7

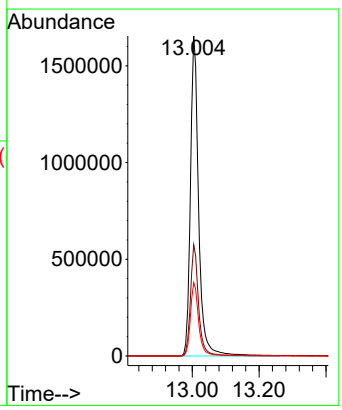


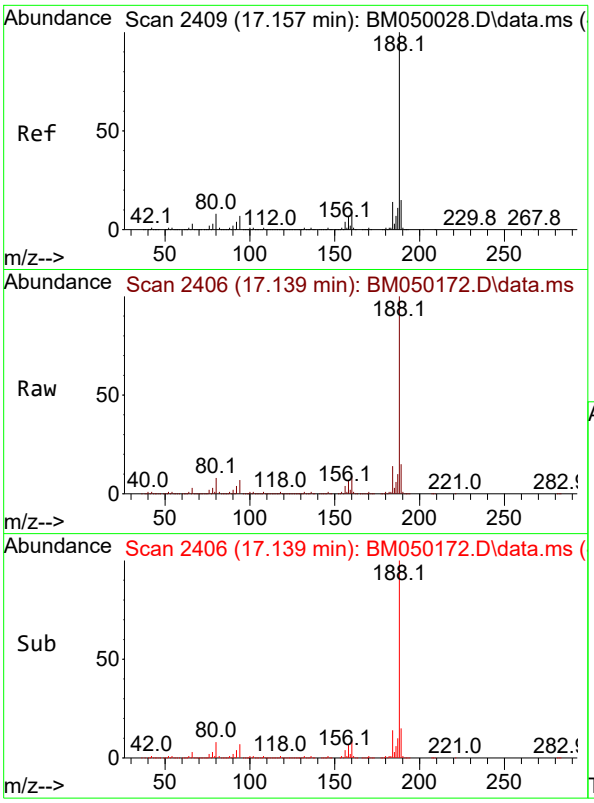


#45
2-Fluorobiphenyl
Concen: 33.362 ng
RT: 13.004 min Scan# 1703
Delta R.T. -0.029 min
Lab File: BM050172.D
Acq: 09 May 2025 23:18

Tgt Ion:172 Resp: 2825958

Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.8	41.6
170	22.9	18.6	28.0



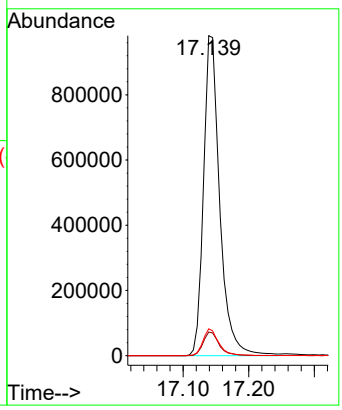


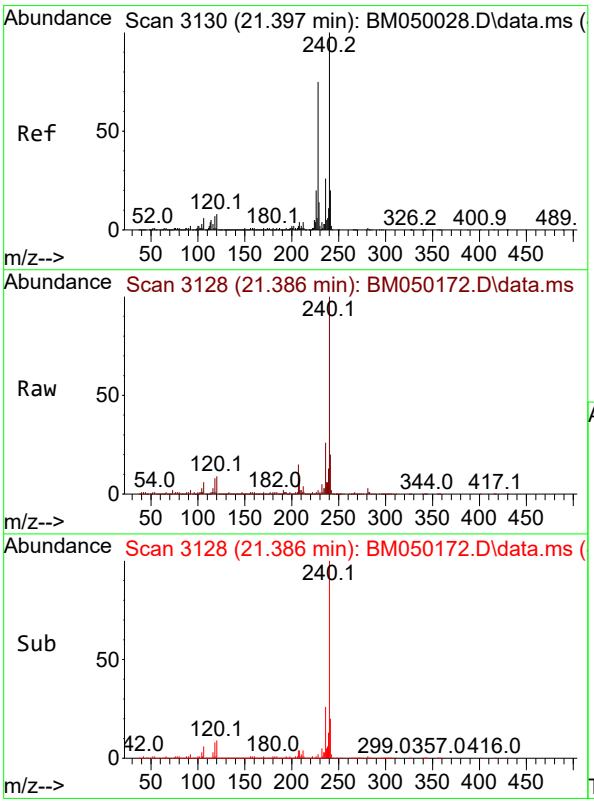
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.139 min Scan# 24
Delta R.T. -0.018 min
Lab File: BM050172.D
Acq: 09 May 2025 23:18

Instrument :
BNA_M
ClientSampleId :
OR-636-COMP-05

Tgt Ion:188 Resp: 1691545

Ion	Ratio	Lower	Upper
188	100		
94	7.4	5.7	8.5
80	8.4	6.2	9.4

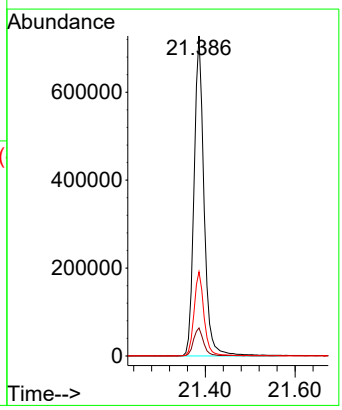


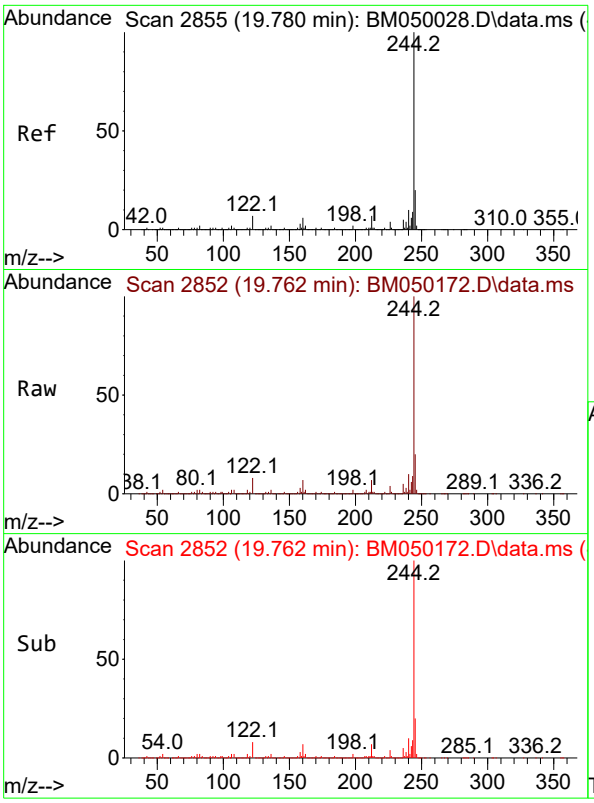


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 3128
Delta R.T. -0.011 min
Lab File: BM050172.D
Acq: 09 May 2025 23:18

Tgt Ion:240 Resp: 1125655

Ion	Ratio	Lower	Upper
240	100		
120	8.7	6.5	9.7
236	26.3	20.9	31.3



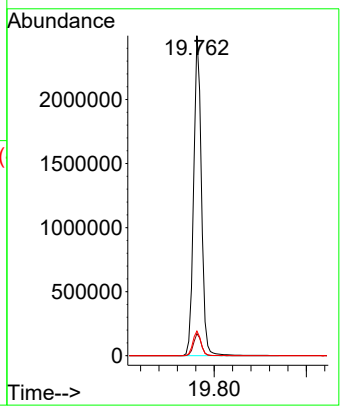


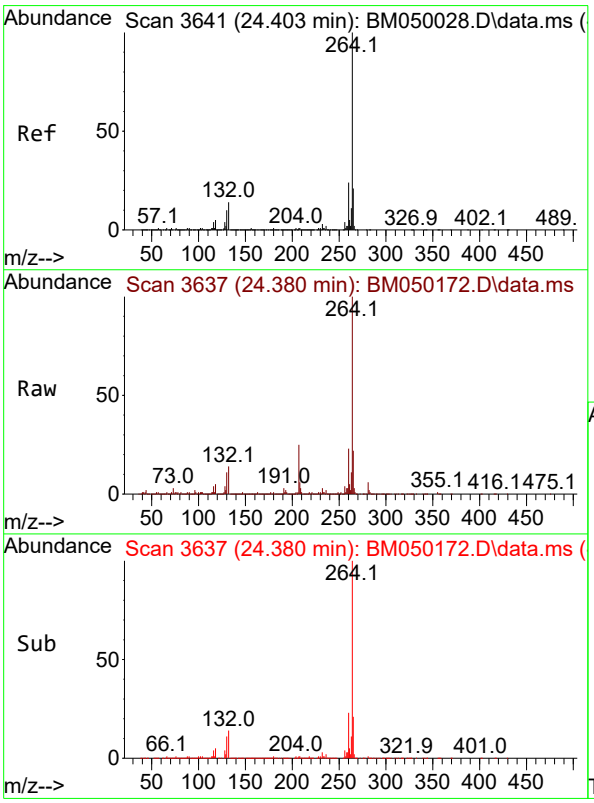
#79
Terphenyl-d14
Concen: 38.169 ng
RT: 19.762 min Scan# 2
Delta R.T. -0.018 min
Lab File: BM050172.D
Acq: 09 May 2025 23:18

Instrument :
BNA_M
ClientSampleId :
OR-636-COMP-05

Tgt Ion:244 Resp: 2903547

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.6	8.4
122	7.7	5.6	8.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.380 min Scan# 3637
Delta R.T. -0.023 min
Lab File: BM050172.D
Acq: 09 May 2025 23:18

Tgt Ion:264 Resp: 1156486

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.8	28.2
265	21.9	17.0	25.4