Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050402.D
Acq On : 10 Jul 2025 23:19
Operator : RC/JU
Sample : Q2543-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-23

Quant Time: Jul 11 01:29:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	581438	20.000	ng	0.00
21) Naphthalene-d8	10.657	136	2127796	20.000	ng	0.00
39) Acenaphthene-d10	14.492	164	1370947	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	2792859	20.000	ng	0.00
76) Chrysene-d12	21.445	240	3011882	20.000	ng	-0.01
86) Perylene-d12	24.485	264	2989154	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	2690025	79.637	ng	0.00
7) Phenol-d6	7.022	99	3422700	80.380	ng	0.00
23) Nitrobenzene-d5	9.010	82	1967751	47.181	ng	-0.01
42) 2,4,6-Tribromophenol	15.968	330	1458815	87.579	ng	0.00
45) 2-Fluorobiphenyl	13.116	172	4532154	40.825	ng	0.00
79) Terphenyl-d14	19.839	244	7976396	46.596	ng	0.00
Target Compounds						Qvalue

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

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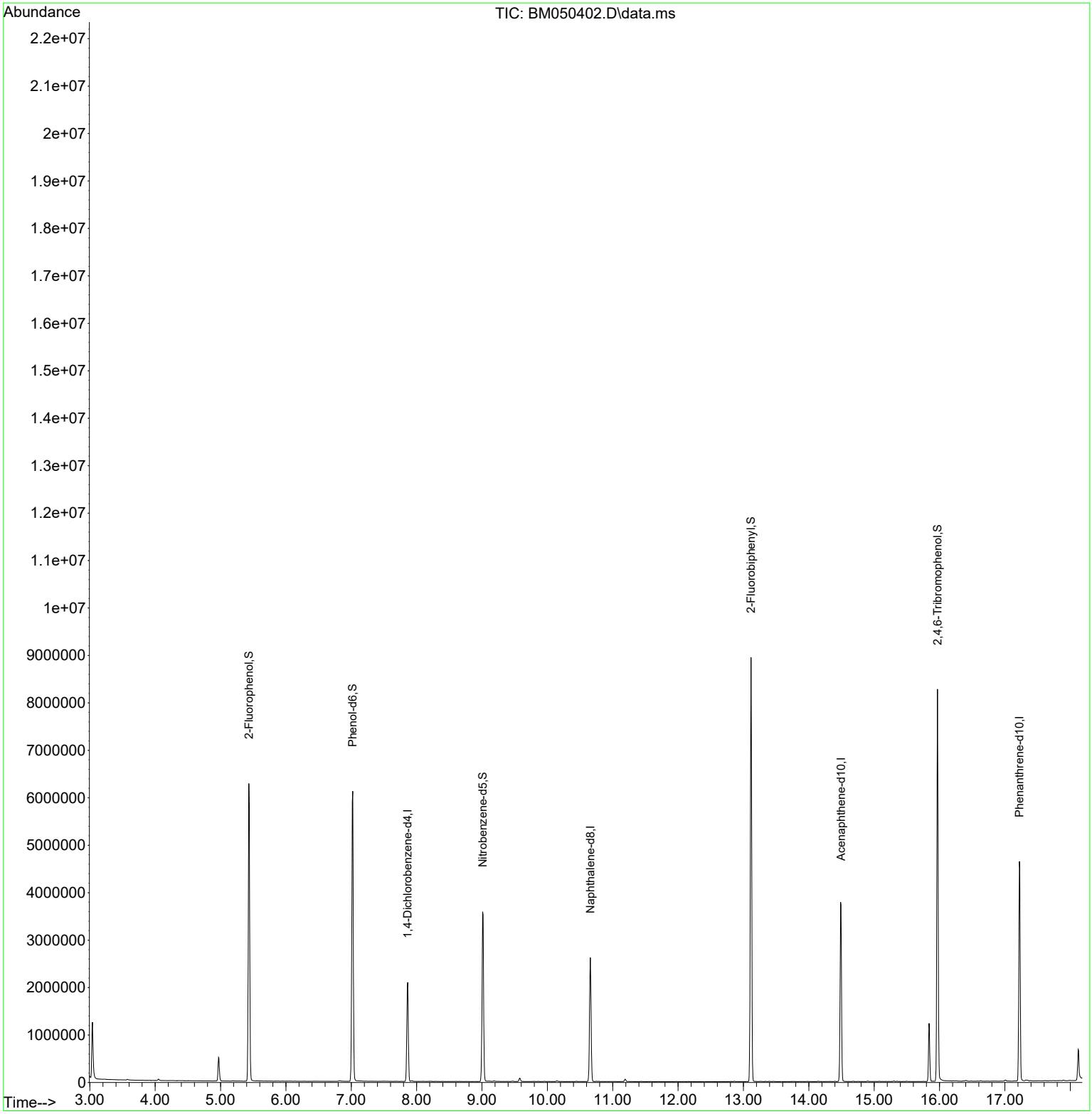

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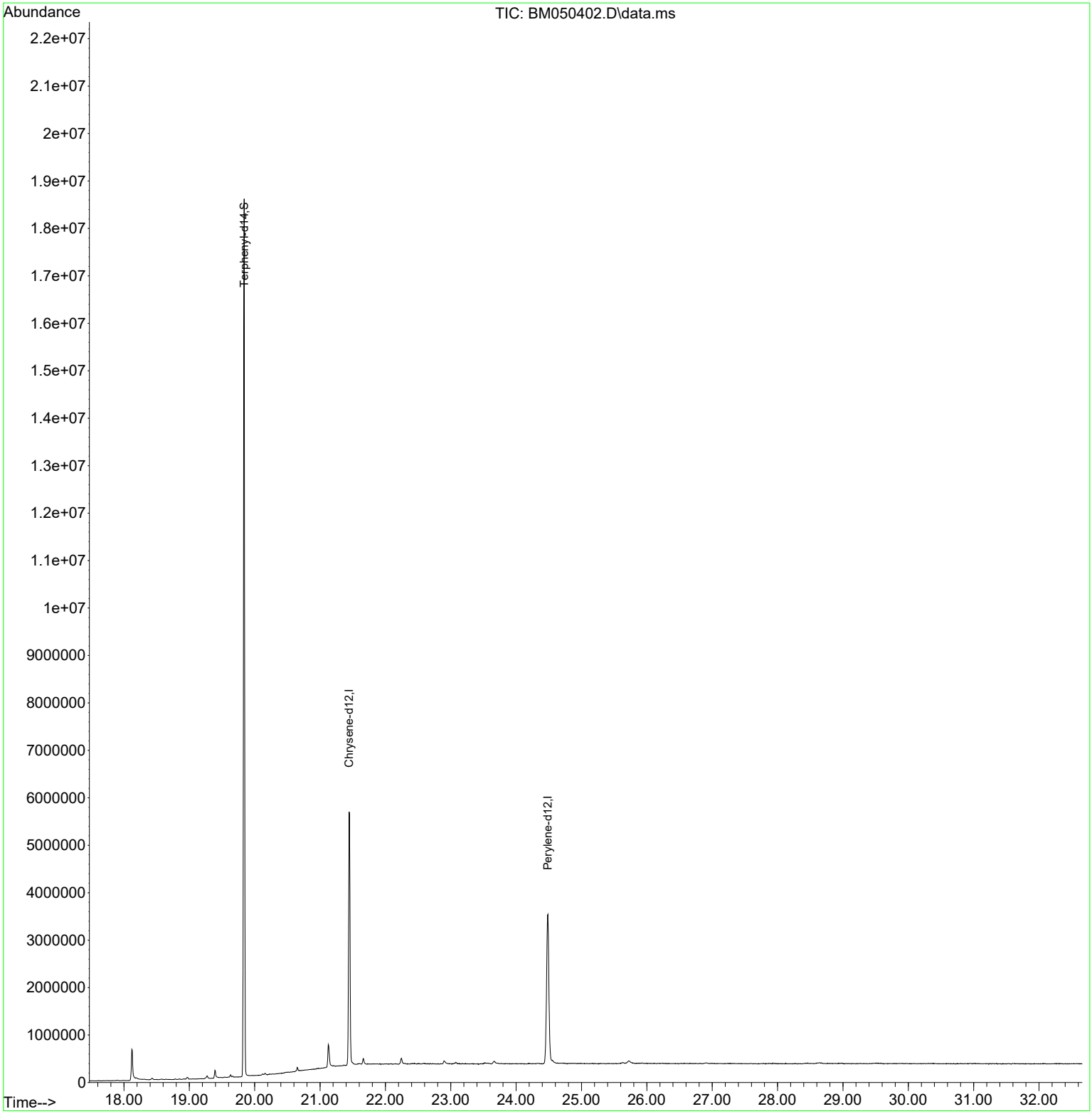
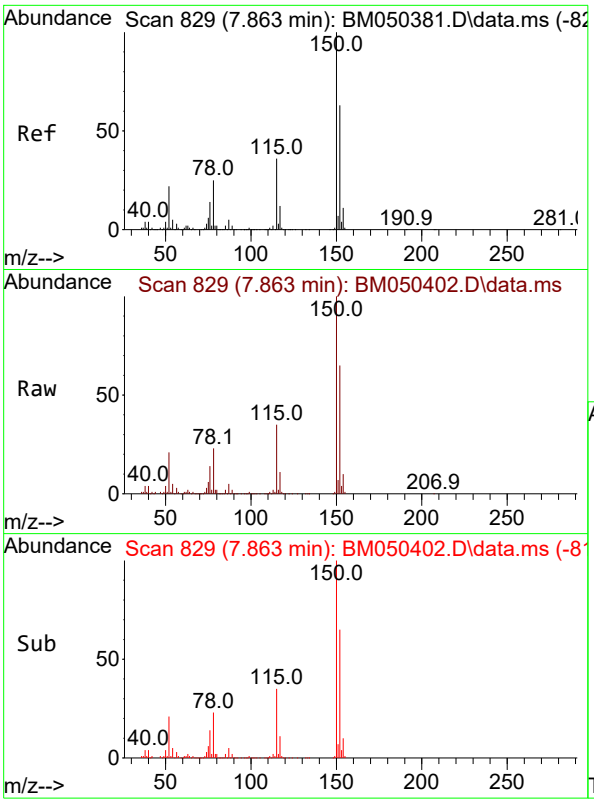


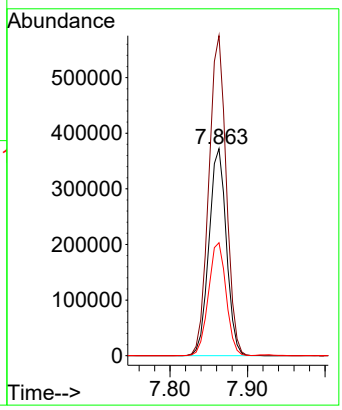


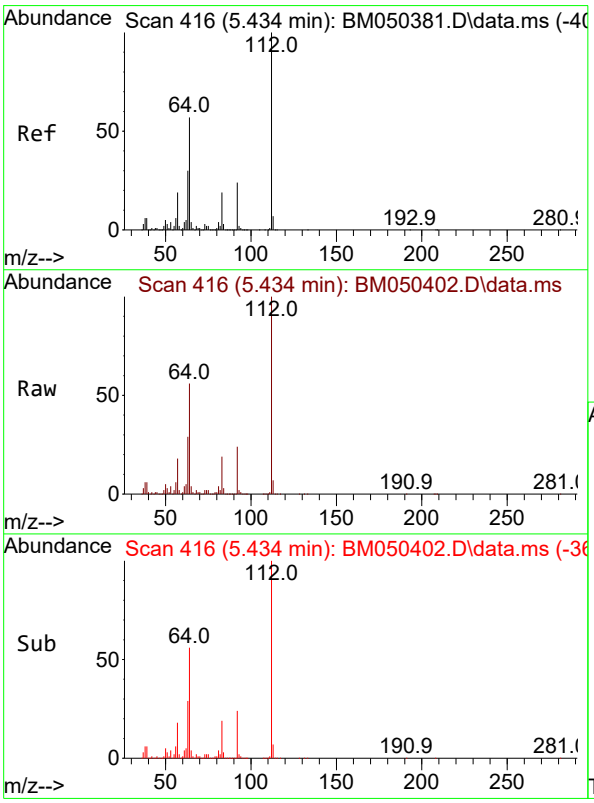
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM050402.D
Acq: 10 Jul 2025 23:19

Instrument :
BNA_M
ClientSampleId :
TP-23

Tgt Ion:152 Resp: 581438

Ion	Ratio	Lower	Upper
152	100		
150	154.6	126.2	189.4
115	54.6	45.8	68.8

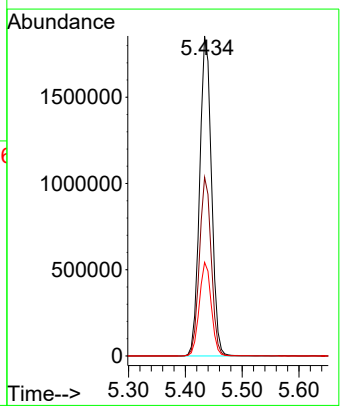


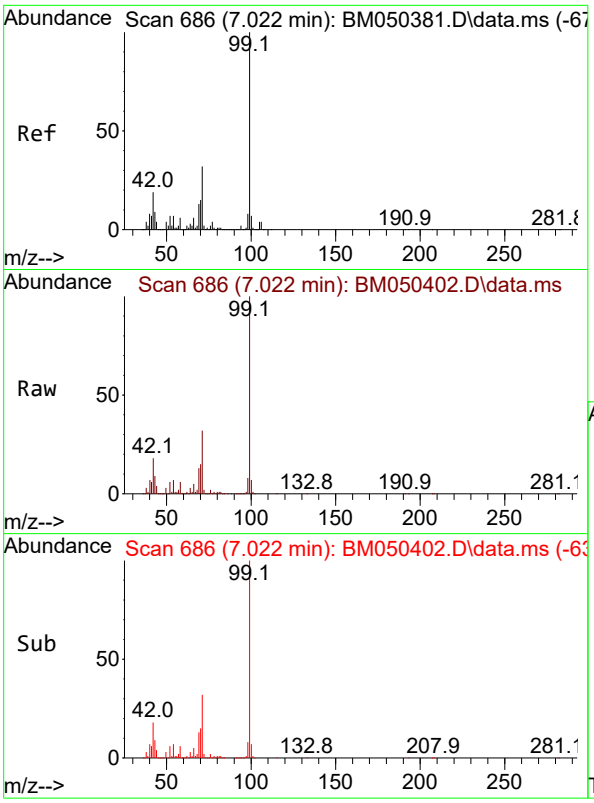


#5
2-Fluorophenol
Concen: 79.637 ng
RT: 5.434 min Scan# 416
Delta R.T. 0.000 min
Lab File: BM050402.D
Acq: 10 Jul 2025 23:19

Tgt Ion:112 Resp: 2690025

Ion	Ratio	Lower	Upper
112	100		
64	55.9	45.5	68.3
63	29.3	24.2	36.4



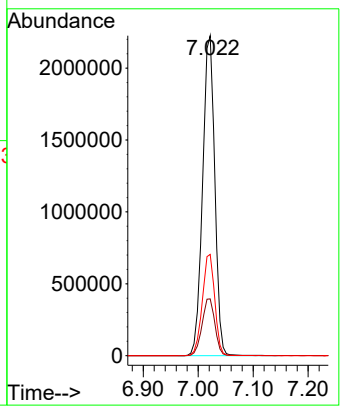


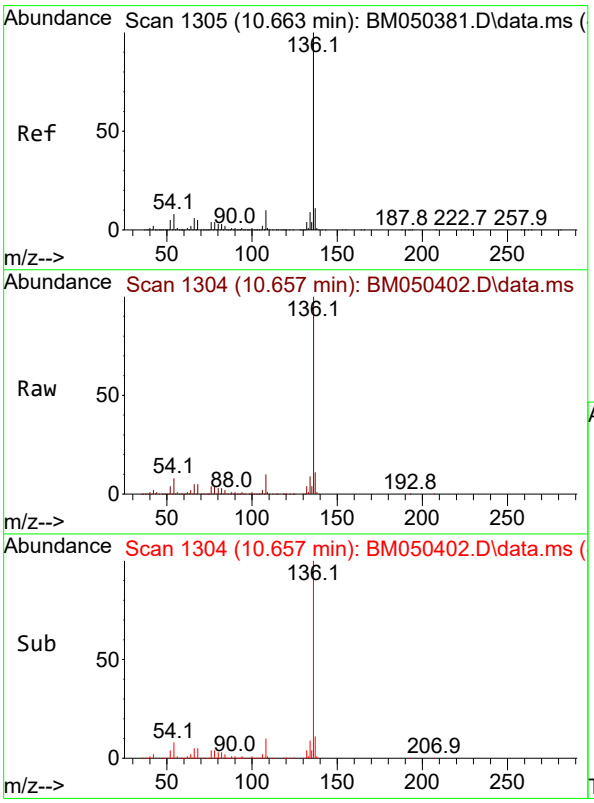
#7
Phenol-d6
Concen: 80.380 ng
RT: 7.022 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM050402.D
Acq: 10 Jul 2025 23:19

Instrument :
BNA_M
ClientSampleId :
TP-23

Tgt Ion: 99 Resp: 3422700

Ion	Ratio	Lower	Upper
99	100		
42	17.8	15.0	22.6
71	31.6	25.9	38.9

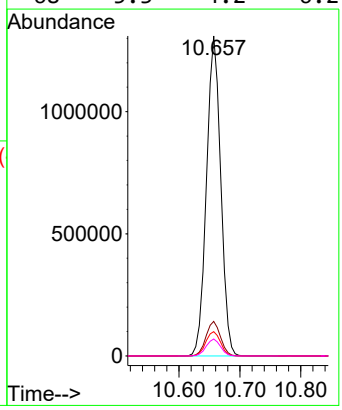


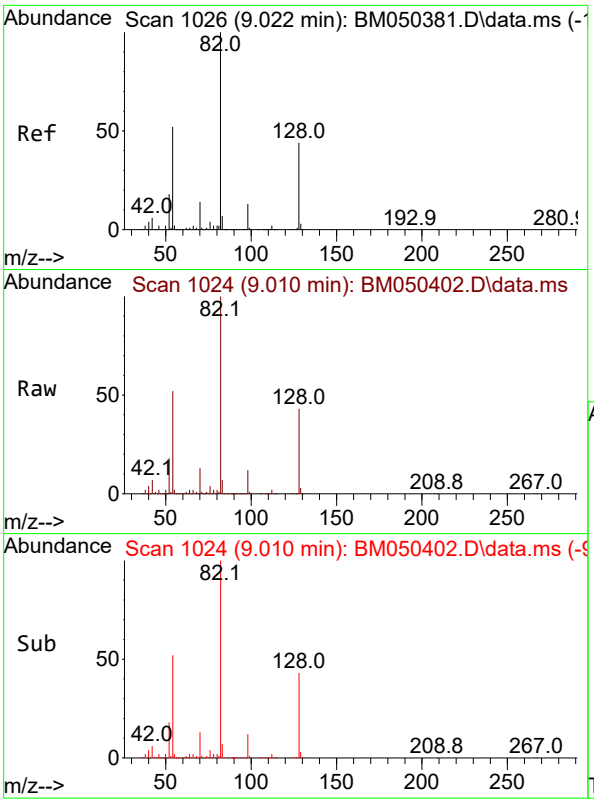


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.657 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BM050402.D
Acq: 10 Jul 2025 23:19

Tgt Ion:136 Resp: 2127796

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	7.6	6.3	9.5
68	5.3	4.2	6.2



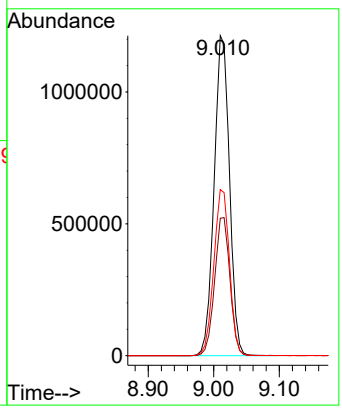


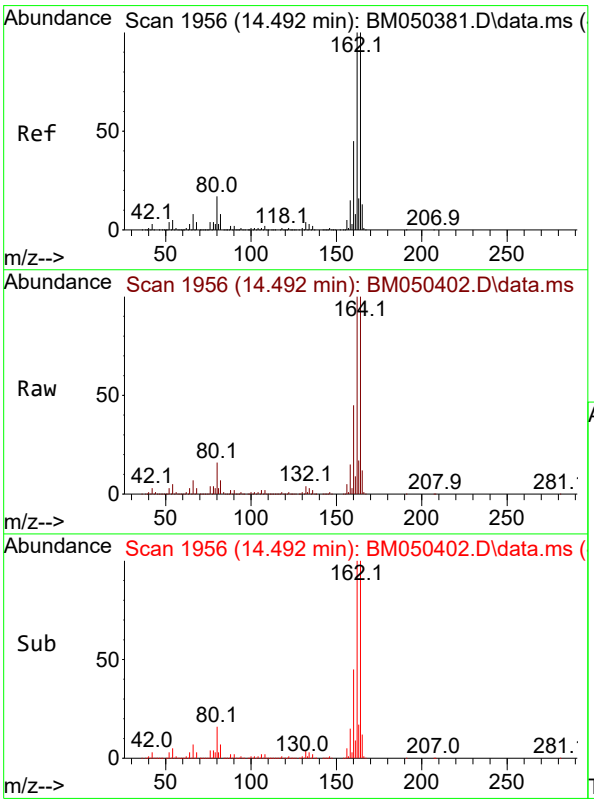
#23
Nitrobenzene-d5
Concen: 47.181 ng
RT: 9.010 min Scan# 1(
Delta R.T. -0.012 min
Lab File: BM050402.D
Acq: 10 Jul 2025 23:19

Instrument :
BNA_M
ClientSampleId :
TP-23

Tgt Ion: 82 Resp: 1967751

Ion	Ratio	Lower	Upper
82	100		
128	42.9	35.2	52.8
54	51.9	41.5	62.3

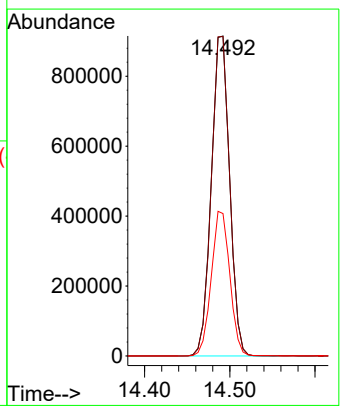


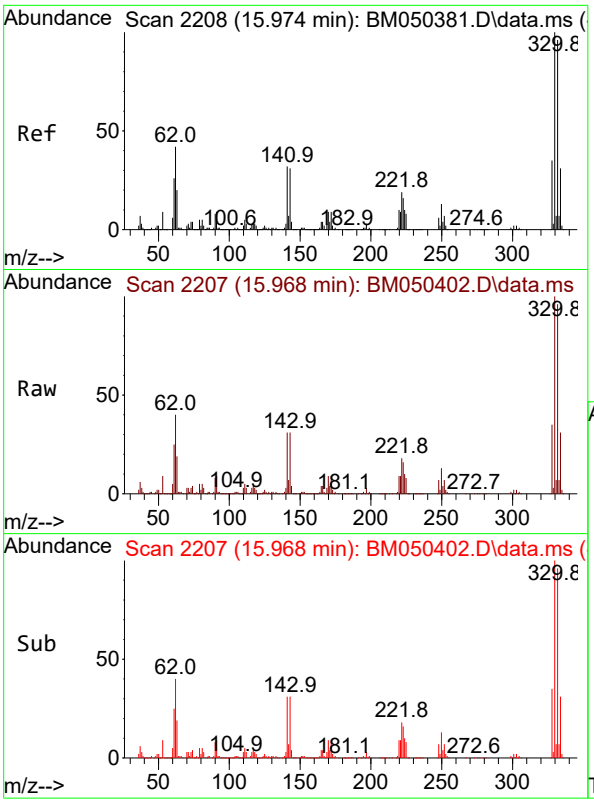


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.492 min Scan# 1956
Delta R.T. 0.000 min
Lab File: BM050402.D
Acq: 10 Jul 2025 23:19

Tgt Ion:164 Resp: 1370947

Ion	Ratio	Lower	Upper
164	100		
162	99.8	79.9	119.9
160	44.5	36.2	54.4



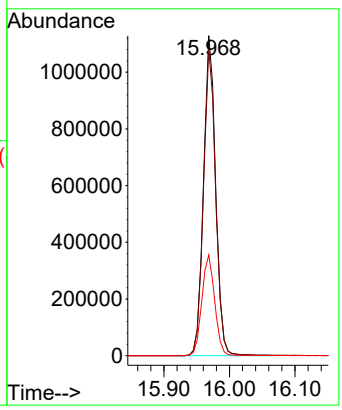


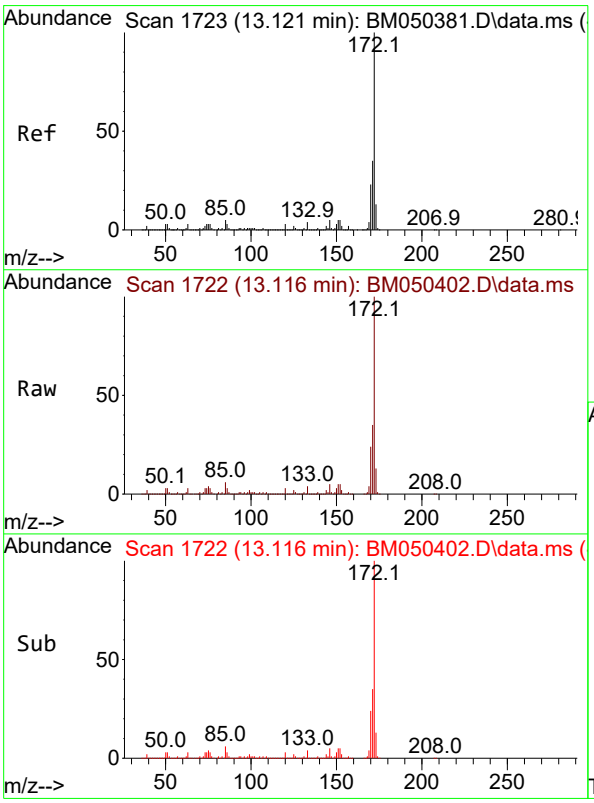
#42
2,4,6-Tribromophenol
Concen: 87.579 ng
RT: 15.968 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050402.D
Acq: 10 Jul 2025 23:19

Instrument :
BNA_M
ClientSampleId :
TP-23

Tgt Ion:330 Resp: 1458815

Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.9	115.3
141	33.4	27.4	41.0

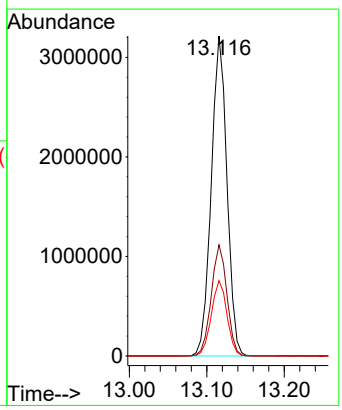


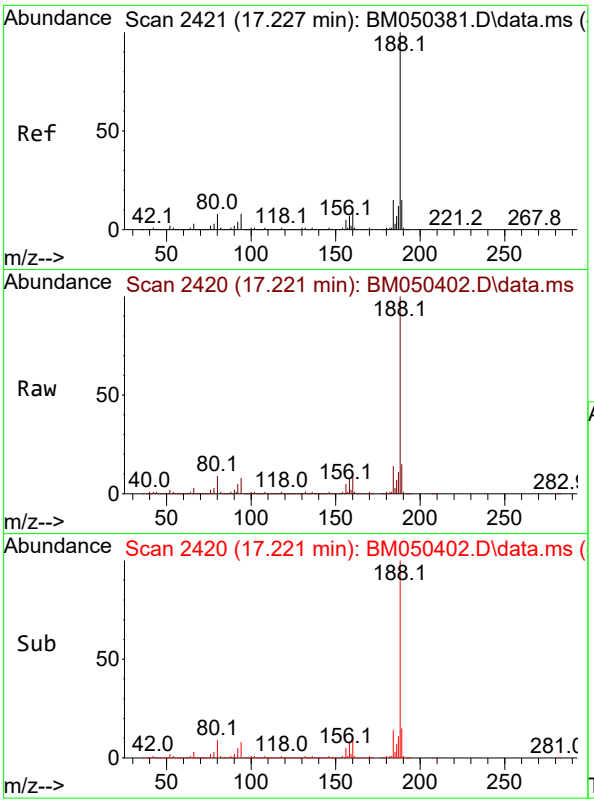


#45
2-Fluorobiphenyl
Concen: 40.825 ng
RT: 13.116 min Scan# 1722
Delta R.T. -0.006 min
Lab File: BM050402.D
Acq: 10 Jul 2025 23:19

Tgt Ion:172 Resp: 4532154

Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.7	41.5
170	23.5	18.8	28.2



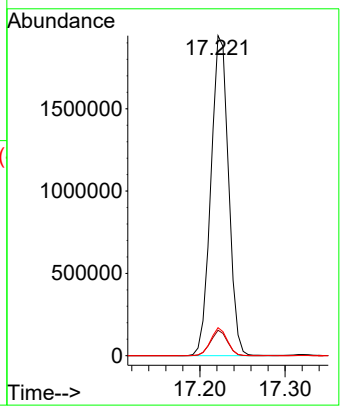


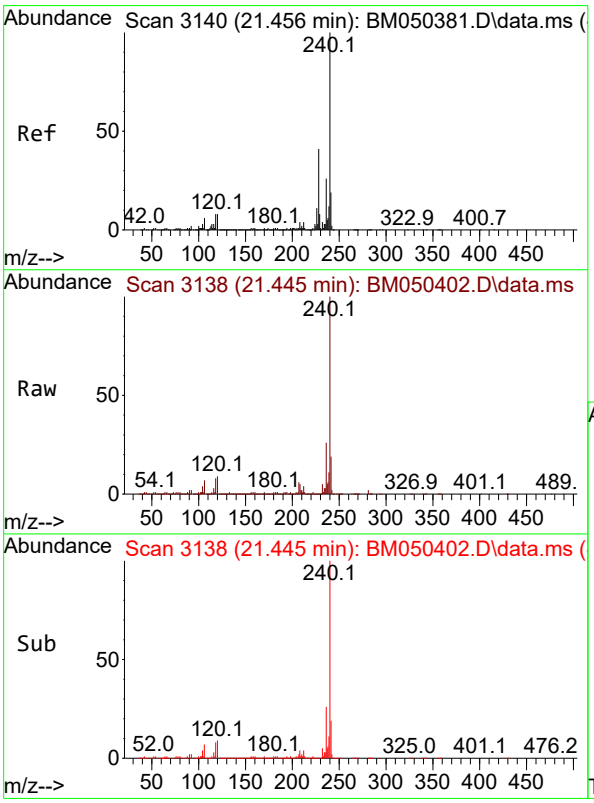
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.221 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM050402.D
Acq: 10 Jul 2025 23:19

Instrument :
BNA_M
ClientSampleId :
TP-23

Tgt Ion:188 Resp: 2792859

Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.0	9.0
80	8.8	6.5	9.7

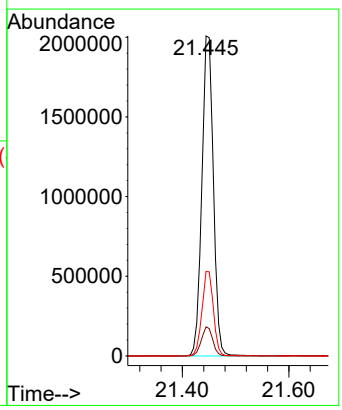


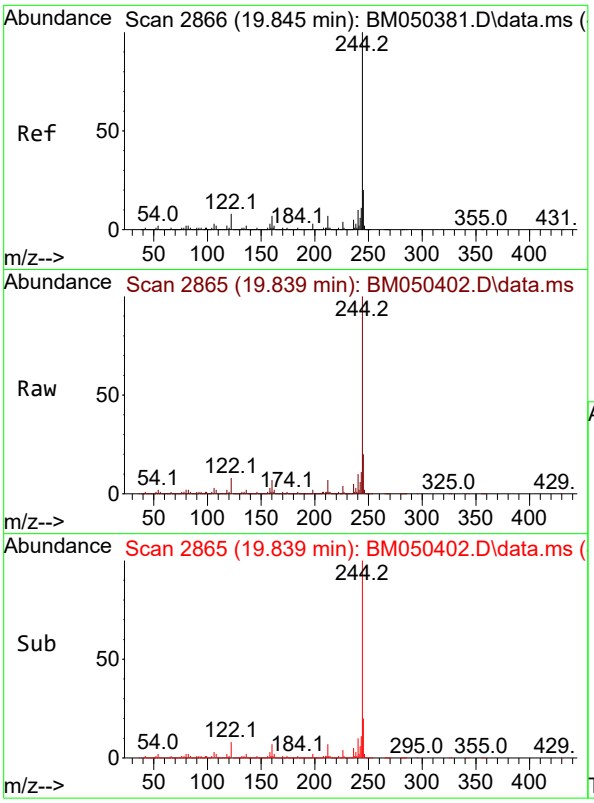


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.445 min Scan# 3138
Delta R.T. -0.012 min
Lab File: BM050402.D
Acq: 10 Jul 2025 23:19

Tgt Ion:240 Resp: 3011882

Ion	Ratio	Lower	Upper
240	100		
120	9.1	6.7	10.1
236	26.4	20.7	31.1



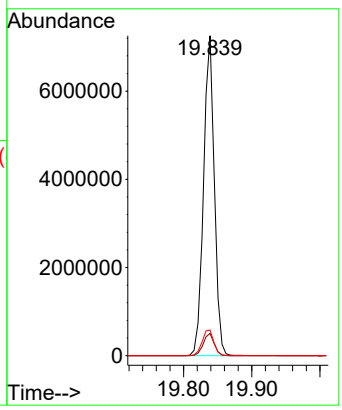


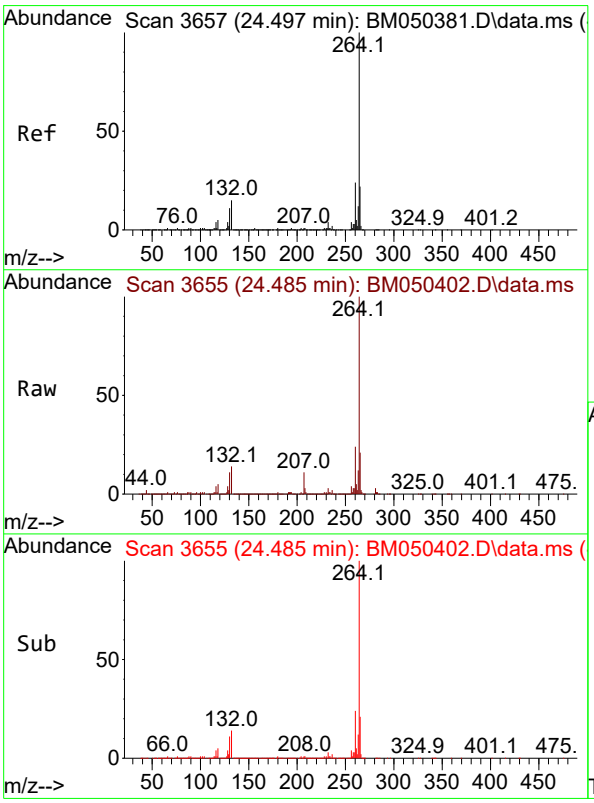
#79
Terphenyl-d14
Concen: 46.596 ng
RT: 19.839 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050402.D
Acq: 10 Jul 2025 23:19

Instrument :
BNA_M
ClientSampleId :
TP-23

Tgt Ion:244 Resp: 7976396

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.7	8.5
122	8.0	6.2	9.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.485 min Scan# 3655
Delta R.T. -0.012 min
Lab File: BM050402.D
Acq: 10 Jul 2025 23:19

Tgt Ion:264 Resp: 2989154

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.4	17.8	26.6