Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072325\
Data File : BM050493.D
Acq On : 23 Jul 2025 16:57
Operator : RC/JU
Sample : Q2664-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GDW3

Quant Time: Jul 23 17:38:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 16:20:15 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.845	152	754110	20.000	ng	0.00
21) Naphthalene-d8	10.639	136	2702597	20.000	ng	0.00
39) Acenaphthene-d10	14.474	164	1716082	20.000	ng	0.00
64) Phenanthrene-d10	17.210	188	3357460	20.000	ng	0.00
76) Chrysene-d12	21.439	240	3117073	20.000	ng	0.00
86) Perylene-d12	24.468	264	3289265	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	3154961	72.015	ng	0.00
7) Phenol-d6	7.010	99	2490615	45.098	ng	0.00
23) Nitrobenzene-d5	8.998	82	4732461	89.337	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	3623547	173.787	ng	0.00
45) 2-Fluorobiphenyl	13.104	172	12195050	87.758	ng	0.00
79) Terphenyl-d14	19.821	244	13186934	74.435	ng	0.00
Target Compounds						Qvalue

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

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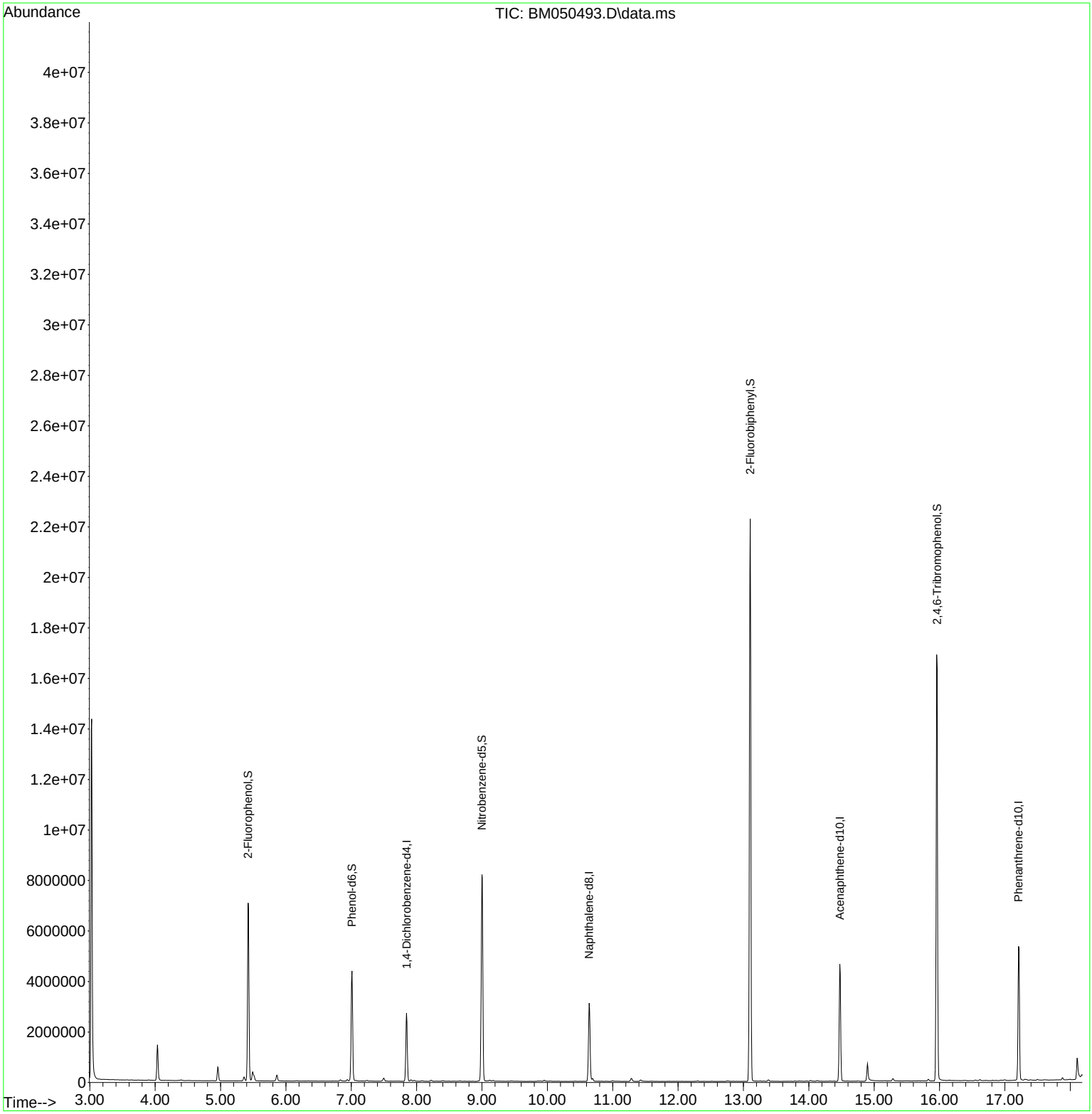

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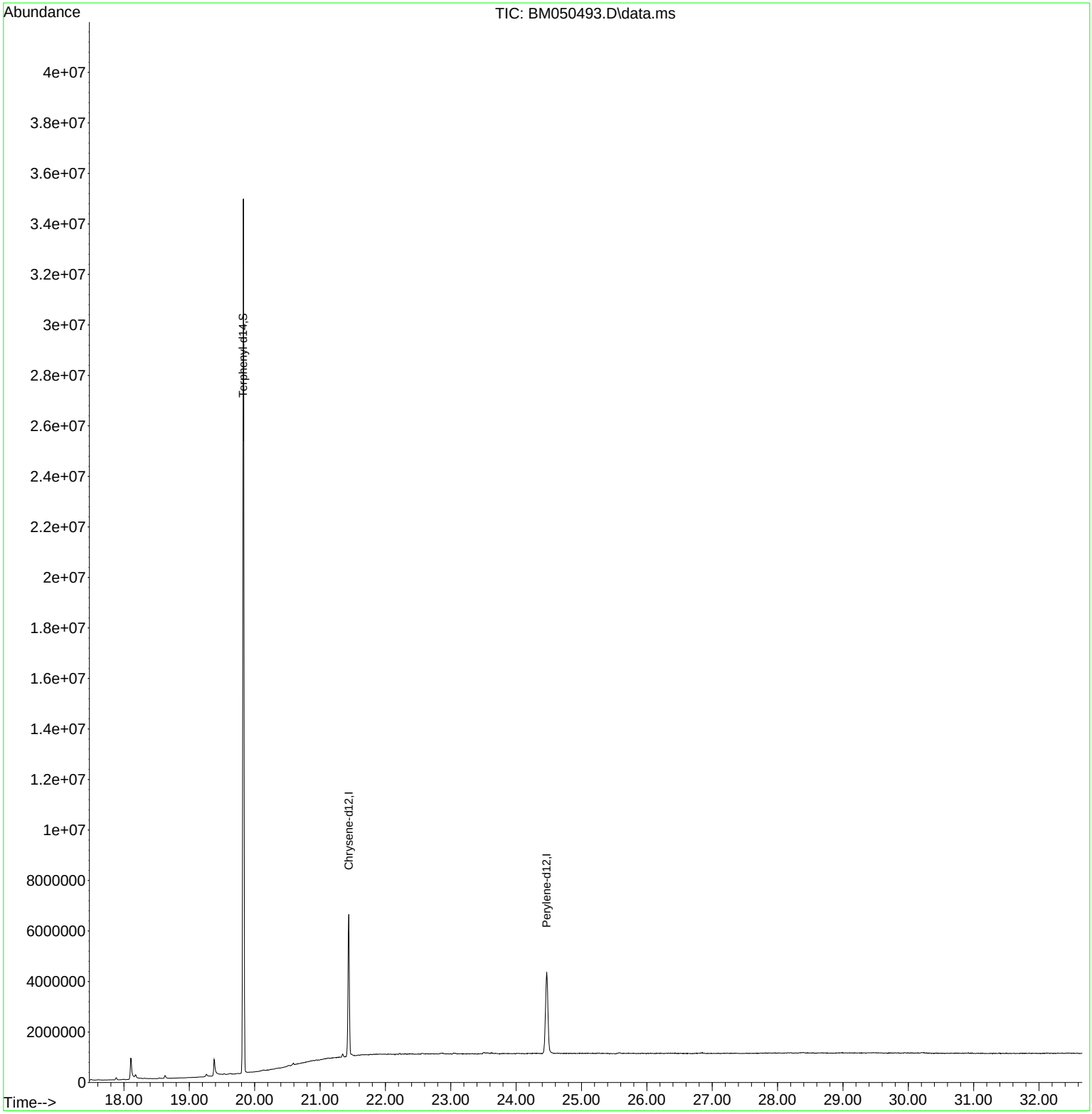
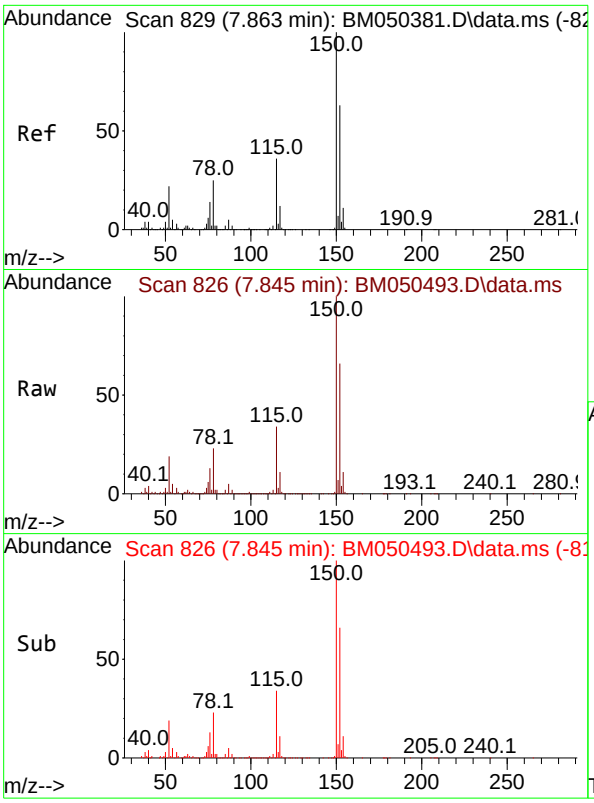


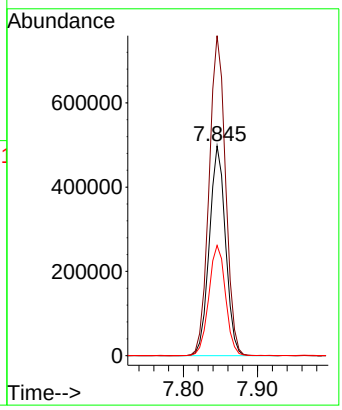


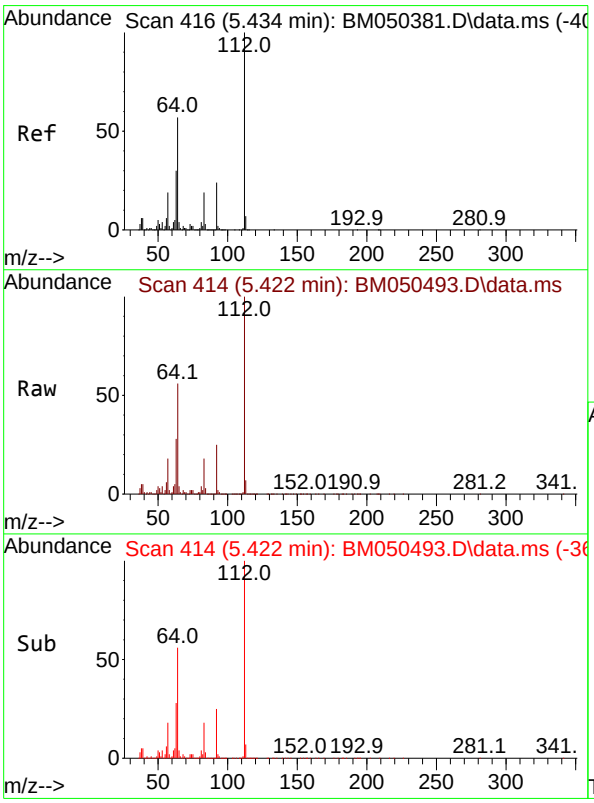
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.845 min Scan# 8
Delta R.T. -0.006 min
Lab File: BM050493.D
Acq: 23 Jul 2025 16:57

Instrument :
BNA_M
ClientSampleId :
GDW3

Tgt Ion:152 Resp: 754110

Ion	Ratio	Lower	Upper
152	100		
150	152.6	126.2	189.4
115	52.5	45.8	68.8

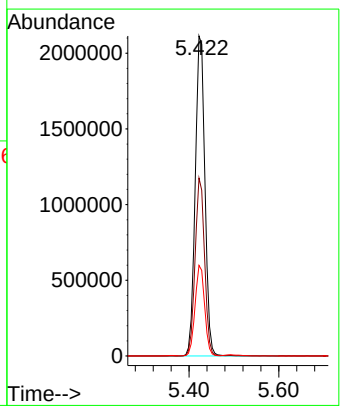


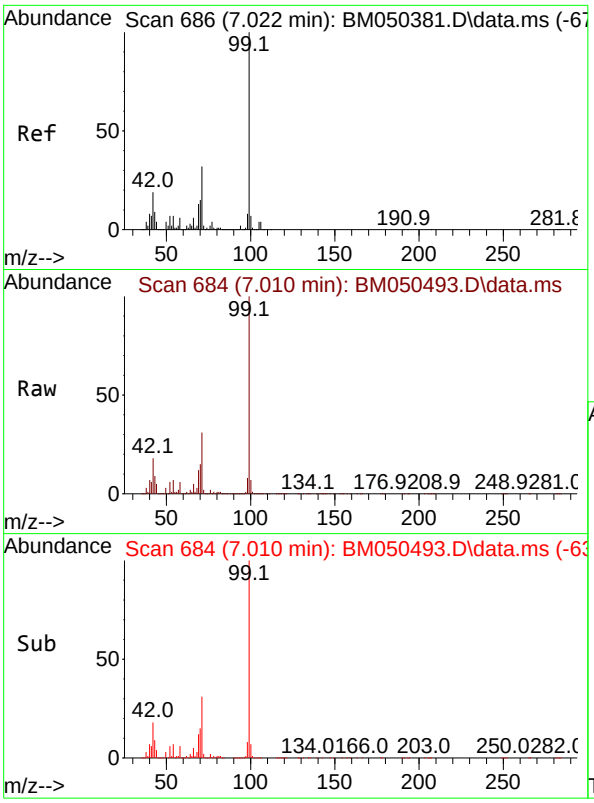


#5
2-Fluorophenol
Concen: 72.015 ng
RT: 5.422 min Scan# 414
Delta R.T. -0.006 min
Lab File: BM050493.D
Acq: 23 Jul 2025 16:57

Tgt Ion:112 Resp: 3154961

Ion	Ratio	Lower	Upper
112	100		
64	55.6	45.5	68.3
63	28.3	24.2	36.4



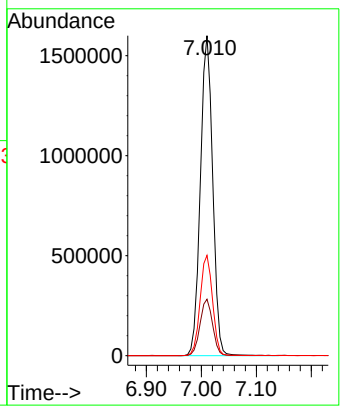


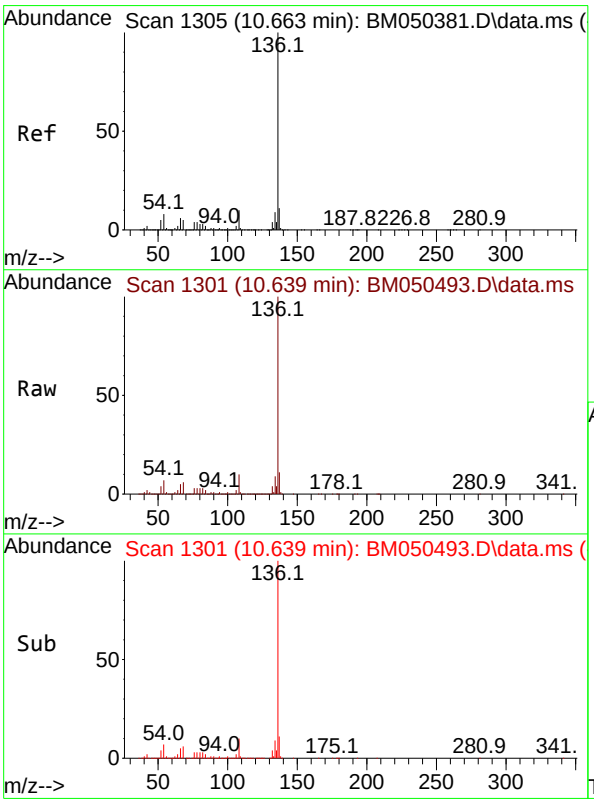
#7
Phenol-d6
Concen: 45.098 ng
RT: 7.010 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM050493.D
Acq: 23 Jul 2025 16:57

Instrument :
BNA_M
ClientSampleId :
GDW3

Tgt Ion: 99 Resp: 2490615

Ion	Ratio	Lower	Upper
99	100		
42	17.7	15.0	22.6
71	31.4	25.9	38.9

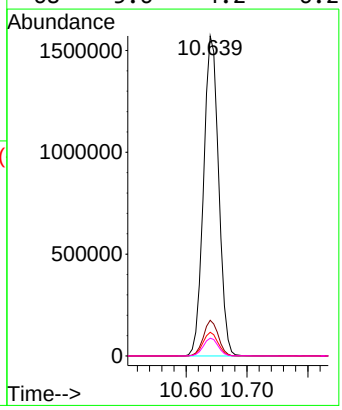


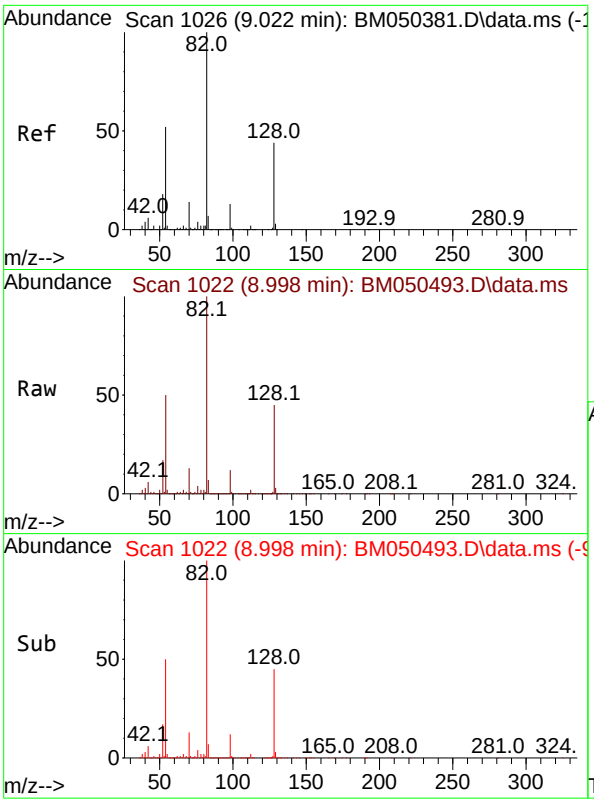


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.639 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BM050493.D
Acq: 23 Jul 2025 16:57

Tgt Ion:136 Resp: 2702597

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	7.4	6.3	9.5
68	5.6	4.2	6.2



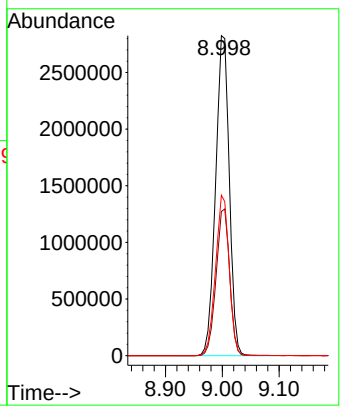


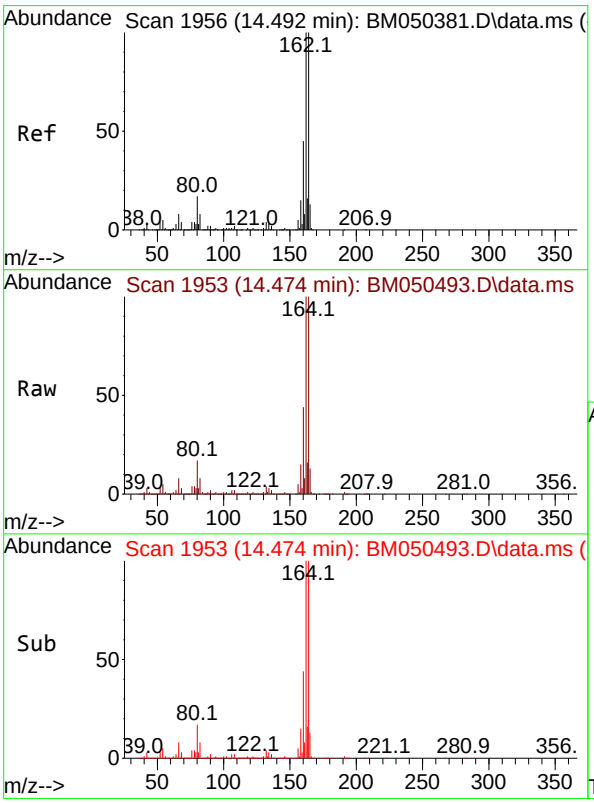
#23
Nitrobenzene-d5
Concen: 89.337 ng
RT: 8.998 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050493.D
Acq: 23 Jul 2025 16:57

Instrument :
BNA_M
ClientSampleId :
GDW3

Tgt Ion: 82 Resp: 4732461

Ion	Ratio	Lower	Upper
82	100		
128	45.0	35.2	52.8
54	50.1	41.5	62.3

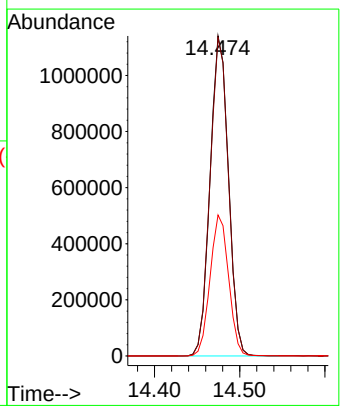


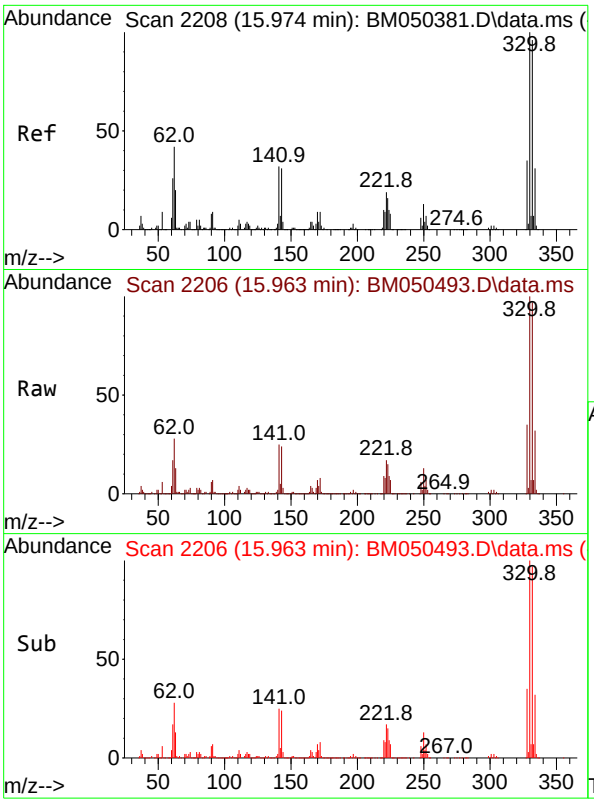


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.474 min Scan# 1953
Delta R.T. 0.000 min
Lab File: BM050493.D
Acq: 23 Jul 2025 16:57

Tgt Ion:164 Resp: 1716082

Ion	Ratio	Lower	Upper
164	100		
162	99.5	79.9	119.9
160	44.0	36.2	54.4



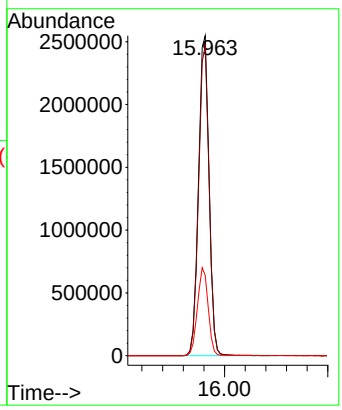


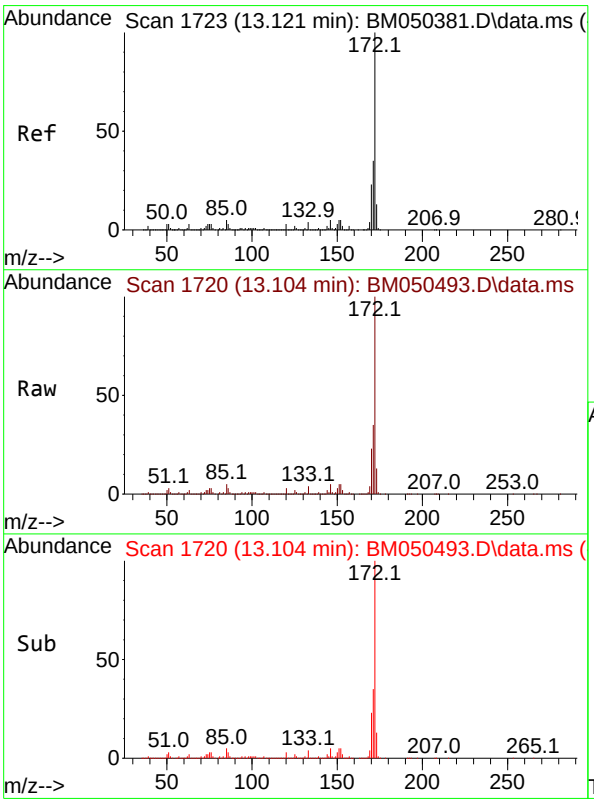
#42
2,4,6-Tribromophenol
Concen: 173.787 ng
RT: 15.963 min Scan# 2
Delta R.T. 0.006 min
Lab File: BM050493.D
Acq: 23 Jul 2025 16:57

Instrument :
BNA_M
ClientSampleId :
GDW3

Tgt Ion:330 Resp: 3623547

Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.9	115.3
141	27.9	27.4	41.0

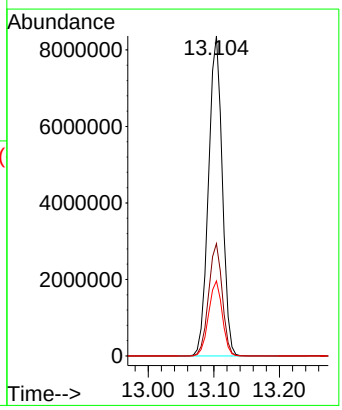


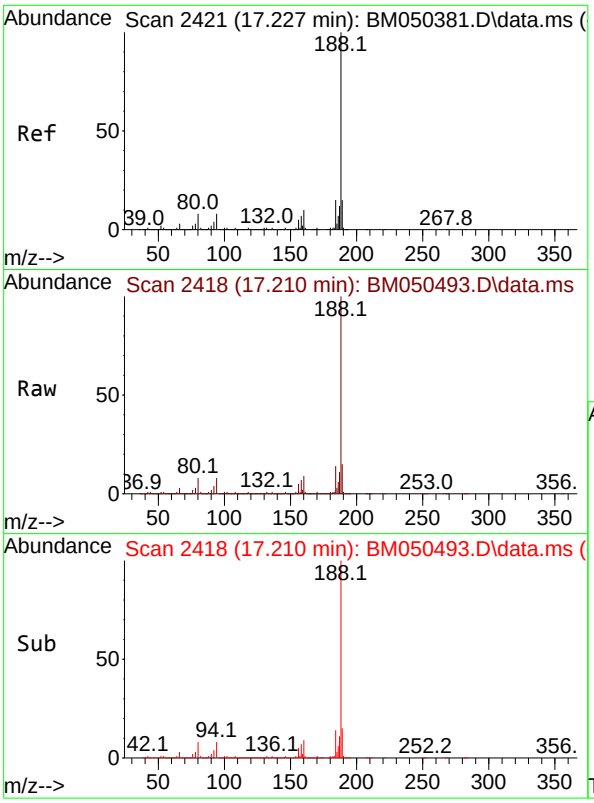


#45
2-Fluorobiphenyl
Concen: 87.758 ng
RT: 13.104 min Scan# 1720
Delta R.T. 0.000 min
Lab File: BM050493.D
Acq: 23 Jul 2025 16:57

Tgt Ion:172 Resp:12195050

Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.7	41.5
170	23.4	18.8	28.2



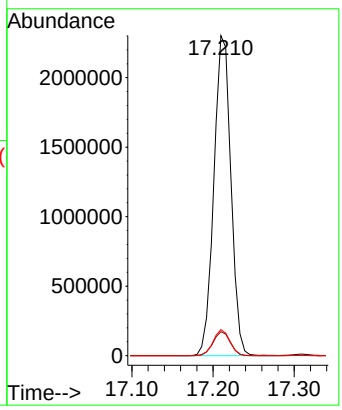


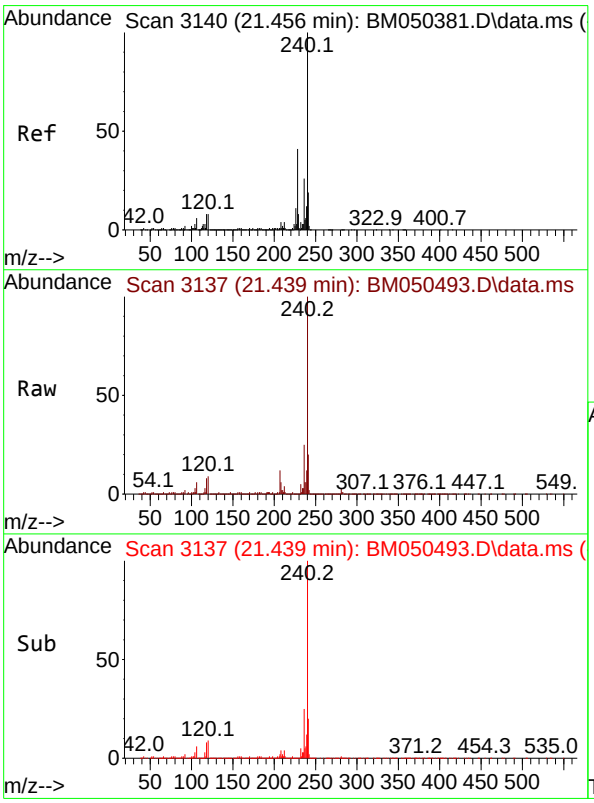
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.210 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM050493.D
Acq: 23 Jul 2025 16:57

Instrument :
BNA_M
ClientSampleId :
GDW3

Tgt Ion:188 Resp: 3357460

Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.0	9.0
80	8.1	6.5	9.7

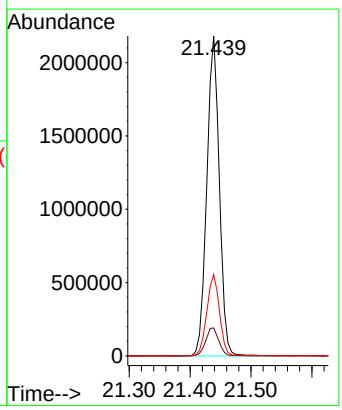


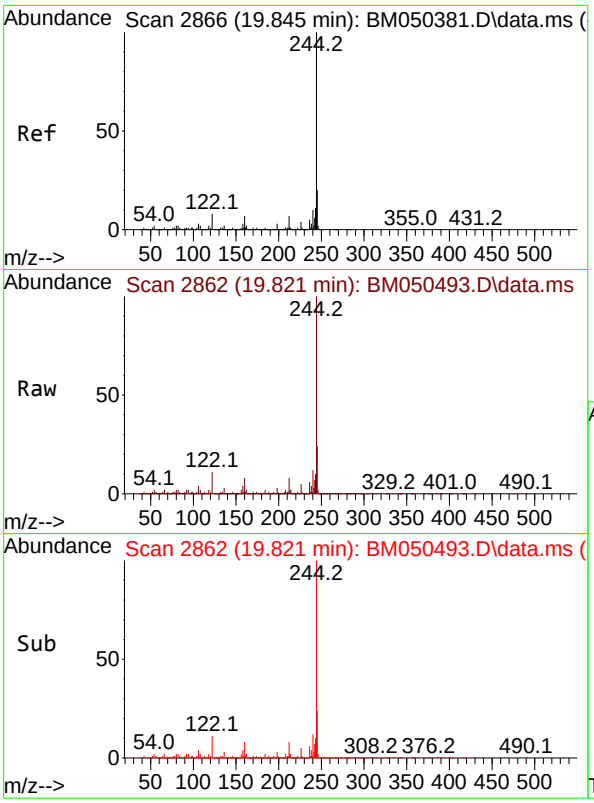


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.439 min Scan# 3137
Delta R.T. 0.006 min
Lab File: BM050493.D
Acq: 23 Jul 2025 16:57

Tgt Ion:240 Resp: 3117073

Ion	Ratio	Lower	Upper
240	100		
120	8.8	6.7	10.1
236	25.5	20.7	31.1



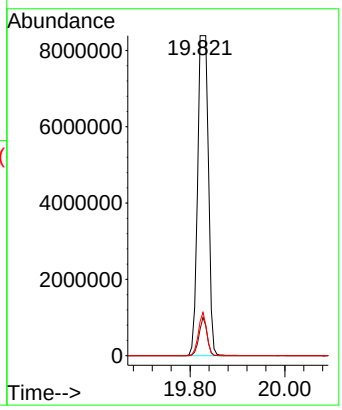


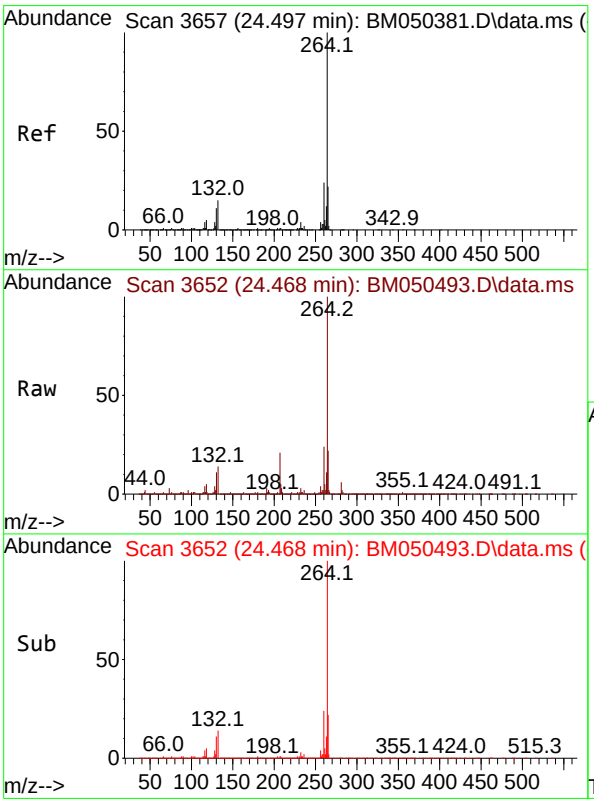
#79
Terphenyl-d14
Concen: 74.435 ng
RT: 19.821 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050493.D
Acq: 23 Jul 2025 16:57

Instrument :
BNA_M
ClientSampleId :
GDW3

Tgt Ion:244 Resp:13186934

Ion	Ratio	Lower	Upper
244	100		
212	8.3	5.7	8.5
122	10.7	6.2	9.2#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.468 min Scan# 3652
Delta R.T. 0.012 min
Lab File: BM050493.D
Acq: 23 Jul 2025 16:57

Tgt Ion:264 Resp: 3289265

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.3	17.8	26.6