Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061325\
Data File : BM050310.D
Acq On : 13 Jun 2025 21:44
Operator : RC/JU
Sample : Q2296-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-4

Quant Time: Jun 13 23:21:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 11:54:38 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	380880	20.000	ng	0.00
21) Naphthalene-d8	10.546	136	1422513	20.000	ng	#-0.01
39) Acenaphthene-d10	14.392	164	742819	20.000	ng	0.00
64) Phenanthrene-d10	17.128	188	1363568	20.000	ng	-0.01
76) Chrysene-d12	21.357	240	1452631	20.000	ng	-0.02
86) Perylene-d12	24.327	264	1211865	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	3353808	146.887	ng	0.00
7) Phenol-d6	6.928	99	3827381	127.338	ng	0.00
23) Nitrobenzene-d5	8.910	82	2674521	97.783	ng	0.00
42) 2,4,6-Tribromophenol	15.875	330	1238230	146.553	ng	0.00
45) 2-Fluorobiphenyl	13.016	172	5038782	91.836	ng	-0.01
79) Terphenyl-d14	19.757	244	6645330	86.691	ng	-0.01
Target Compounds						Qvalue

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

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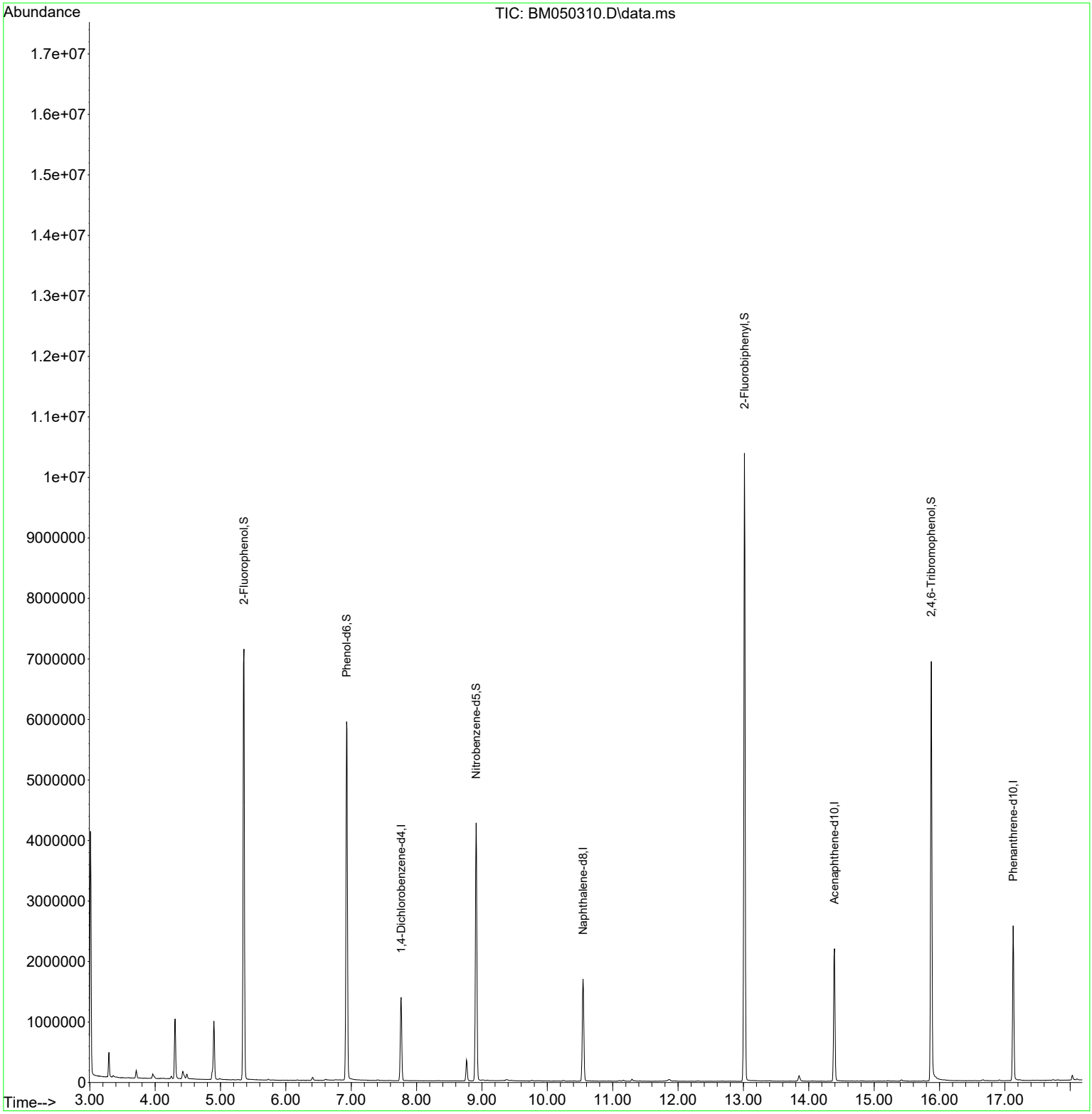

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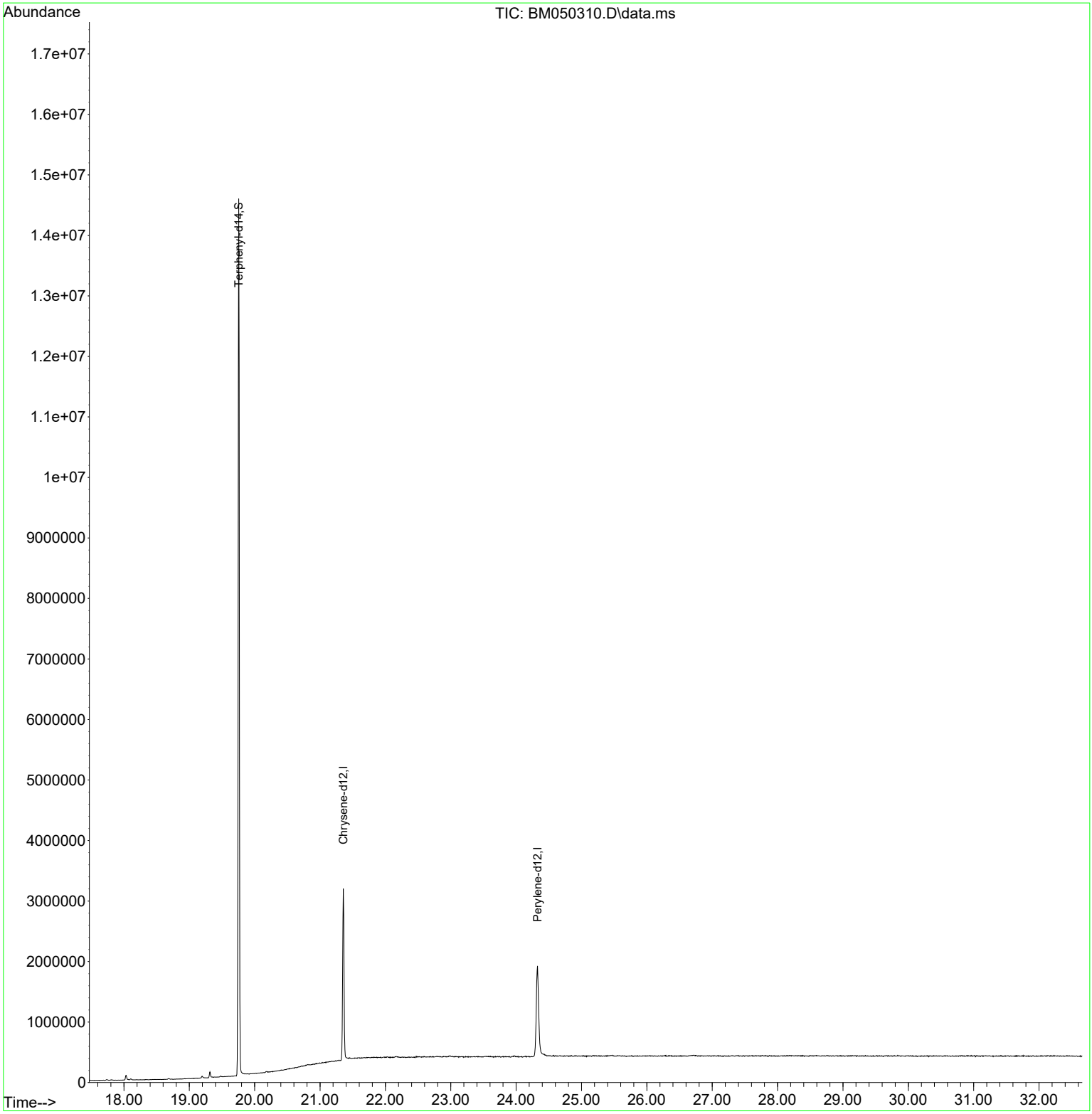
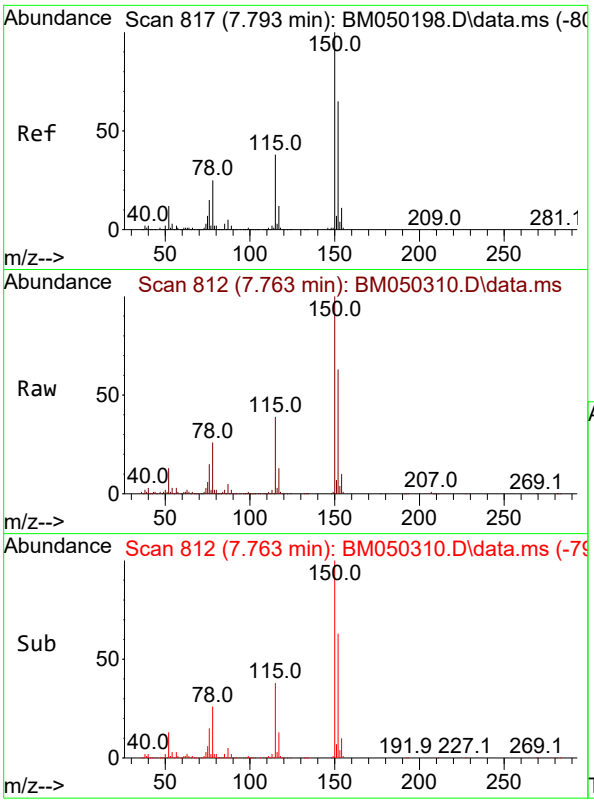


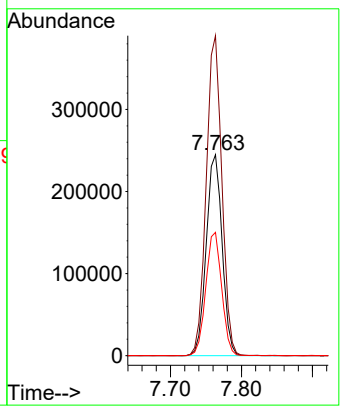


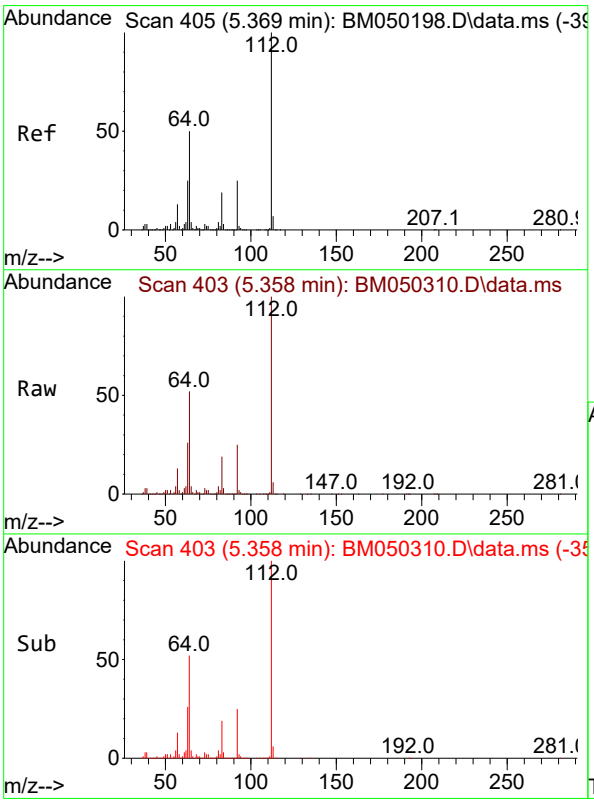
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 8
Delta R.T. -0.006 min
Lab File: BM050310.D
Acq: 13 Jun 2025 21:44

Instrument :
BNA_M
ClientSampleId :
WC-4

Tgt Ion:152 Resp: 380880

Ion	Ratio	Lower	Upper
152	100		
150	159.3	122.2	183.4
115	61.4	46.3	69.5

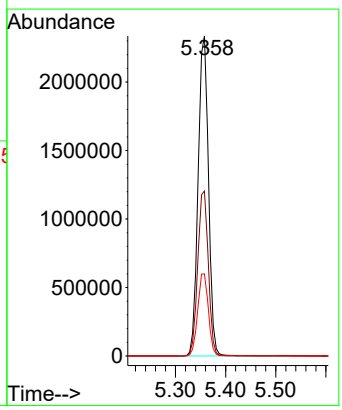


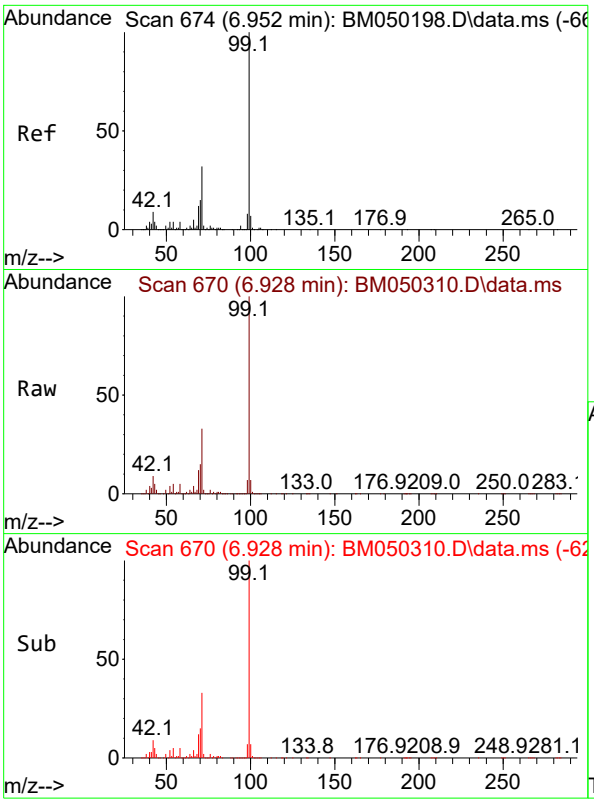


#5
2-Fluorophenol
Concen: 146.887 ng
RT: 5.358 min Scan# 403
Delta R.T. 0.000 min
Lab File: BM050310.D
Acq: 13 Jun 2025 21:44

Tgt Ion:112 Resp: 3353808

Ion	Ratio	Lower	Upper
112	100		
64	51.6	39.8	59.6
63	25.6	19.8	29.8



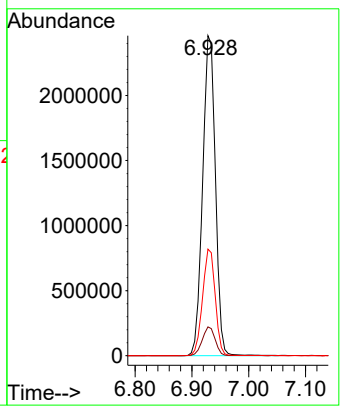


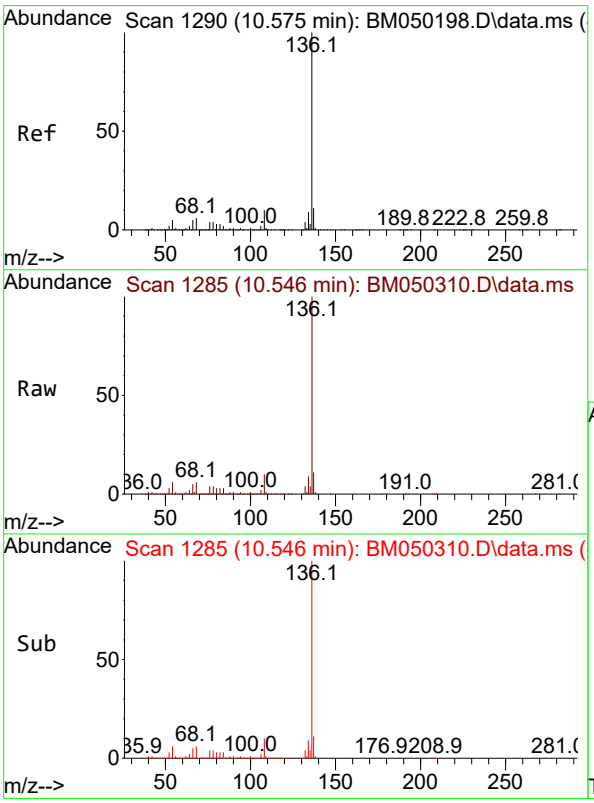
#7
Phenol-d6
Concen: 127.338 ng
RT: 6.928 min Scan# 6
Delta R.T. -0.005 min
Lab File: BM050310.D
Acq: 13 Jun 2025 21:44

Instrument :
BNA_M
ClientSampleId :
WC-4

Tgt Ion: 99 Resp: 3827381

Ion	Ratio	Lower	Upper
99	100		
42	9.0	6.9	10.3
71	33.3	25.3	37.9

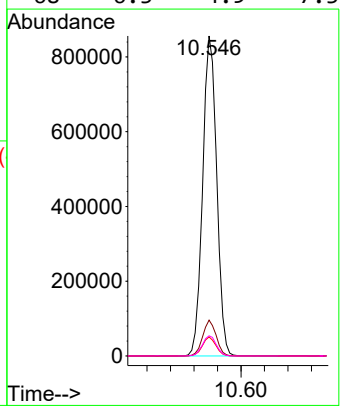


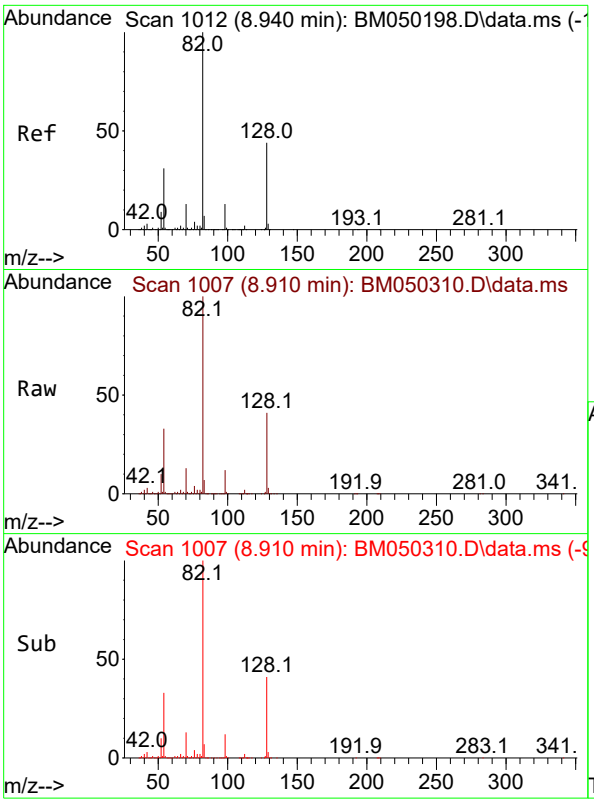


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.546 min Scan# 1285
Delta R.T. -0.011 min
Lab File: BM050310.D
Acq: 13 Jun 2025 21:44

Tgt Ion:136 Resp: 1422513

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	6.0	3.8	5.8#
68	6.3	4.9	7.3



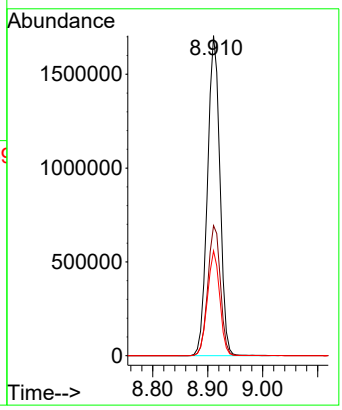


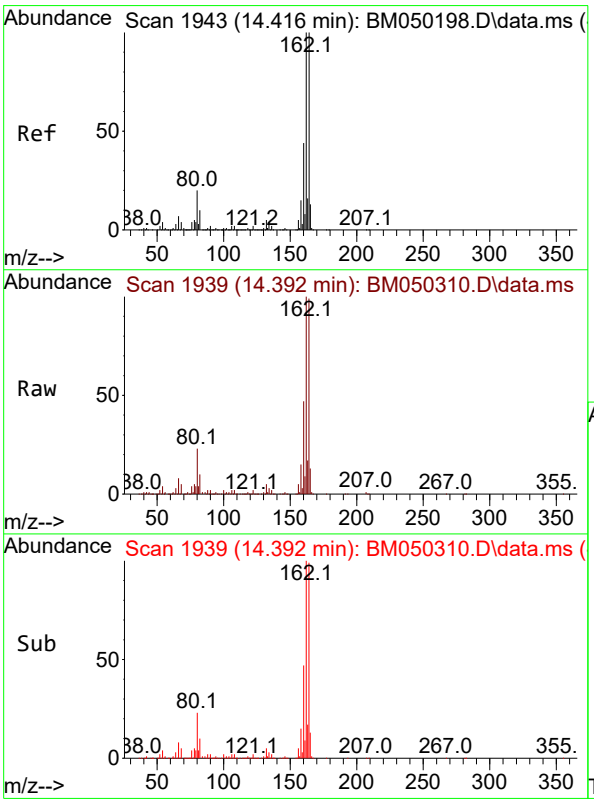
#23
Nitrobenzene-d5
Concen: 97.783 ng
RT: 8.910 min Scan# 1
Delta R.T. -0.005 min
Lab File: BM050310.D
Acq: 13 Jun 2025 21:44

Instrument :
BNA_M
ClientSampleId :
WC-4

Tgt Ion: 82 Resp: 2674521

Ion	Ratio	Lower	Upper
82	100		
128	40.6	35.2	52.8
54	32.7	24.5	36.7

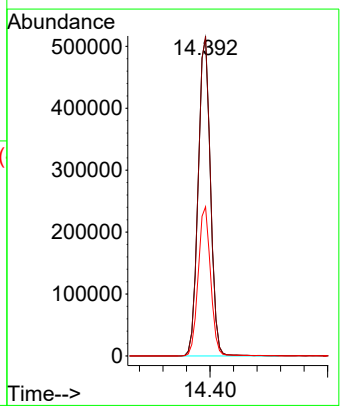


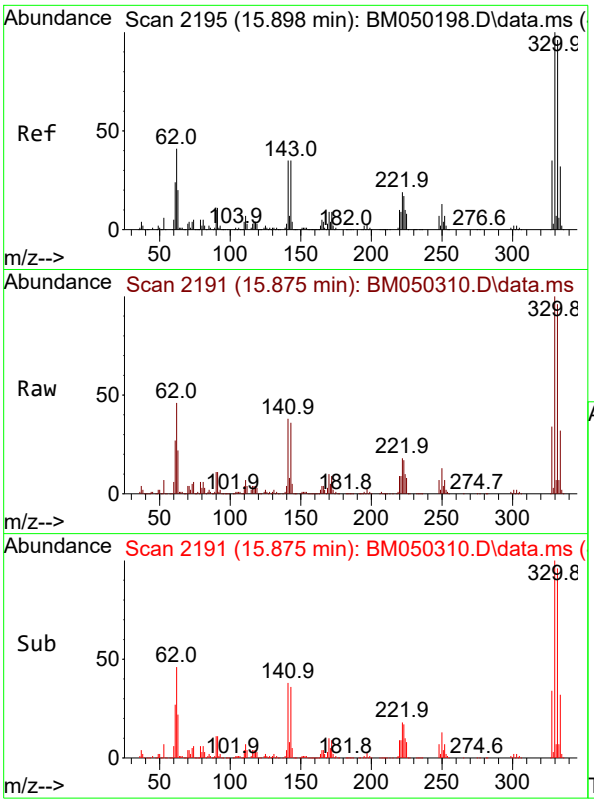


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1939
Delta R.T. -0.005 min
Lab File: BM050310.D
Acq: 13 Jun 2025 21:44

Tgt Ion:164 Resp: 742819

Ion	Ratio	Lower	Upper
164	100		
162	100.8	80.2	120.4
160	46.9	35.7	53.5



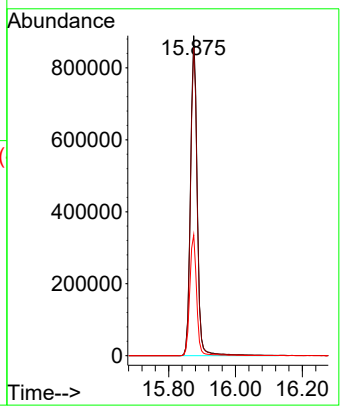


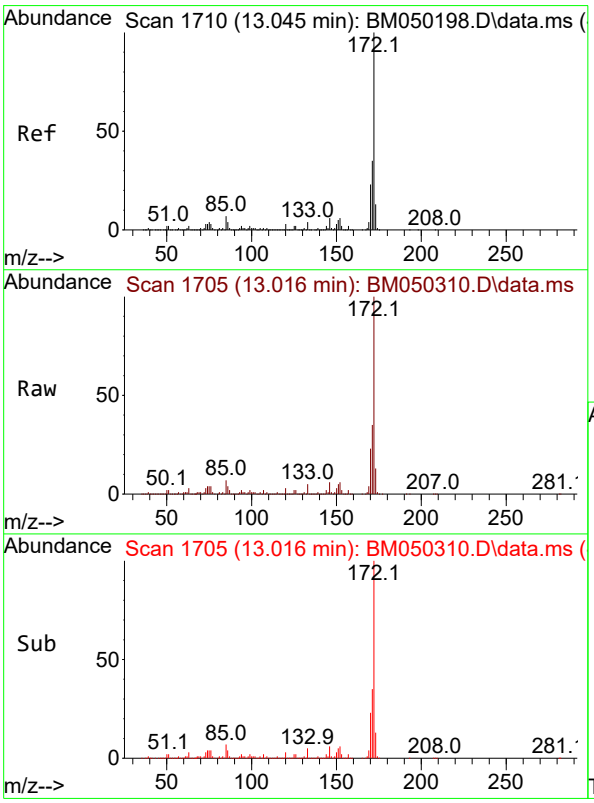
#42
2,4,6-Tribromophenol
Concen: 146.553 ng
RT: 15.875 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM050310.D
Acq: 13 Jun 2025 21:44

Instrument :
BNA_M
ClientSampleId :
WC-4

Tgt Ion:330 Resp: 1238230

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.5	116.3
141	38.6	28.8	43.2

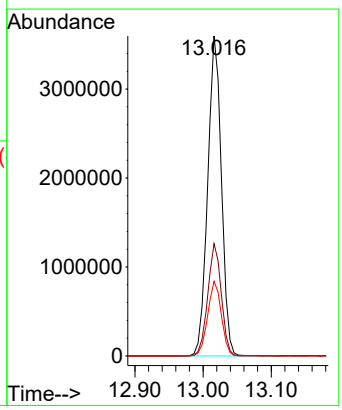


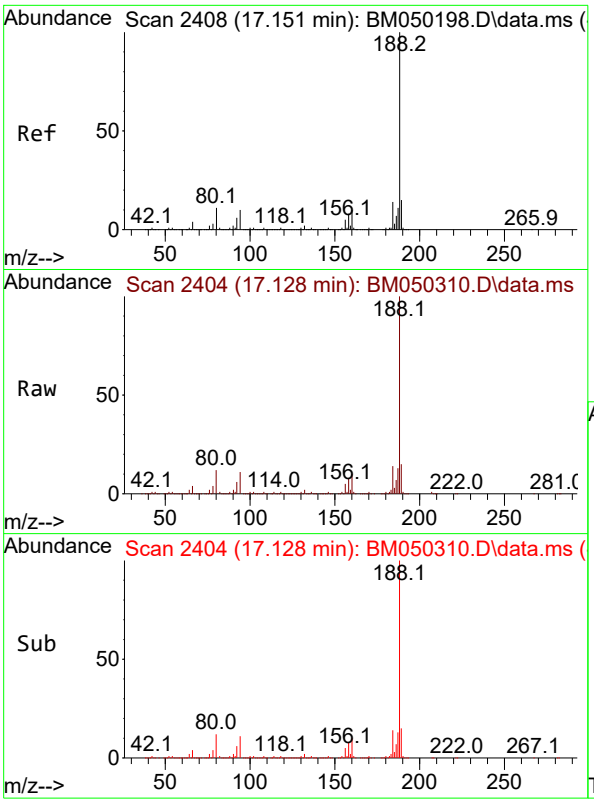


#45
2-Fluorobiphenyl
Concen: 91.836 ng
RT: 13.016 min Scan# 1705
Delta R.T. -0.011 min
Lab File: BM050310.D
Acq: 13 Jun 2025 21:44

Tgt Ion:172 Resp: 5038782

Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.8	41.6
170	23.3	18.6	27.8



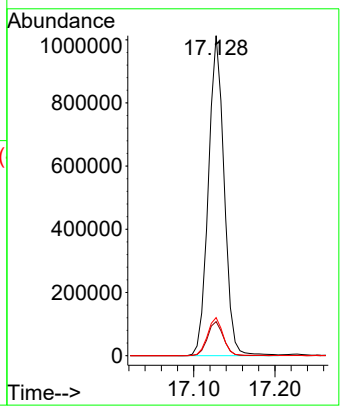


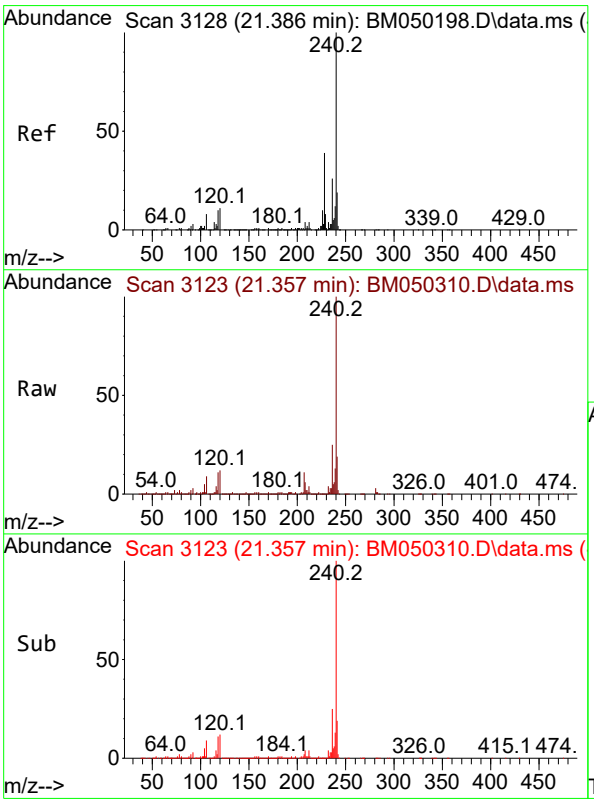
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.128 min Scan# 24
Delta R.T. -0.011 min
Lab File: BM050310.D
Acq: 13 Jun 2025 21:44

Instrument :
BNA_M
ClientSampleId :
WC-4

Tgt Ion:188 Resp: 1363568

Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.1	12.1
80	11.9	8.6	13.0

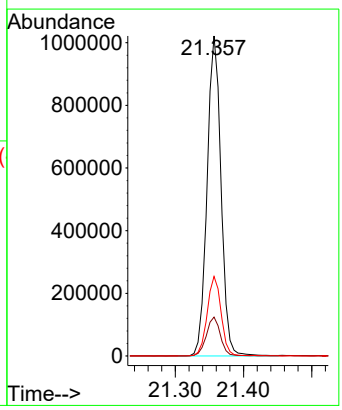


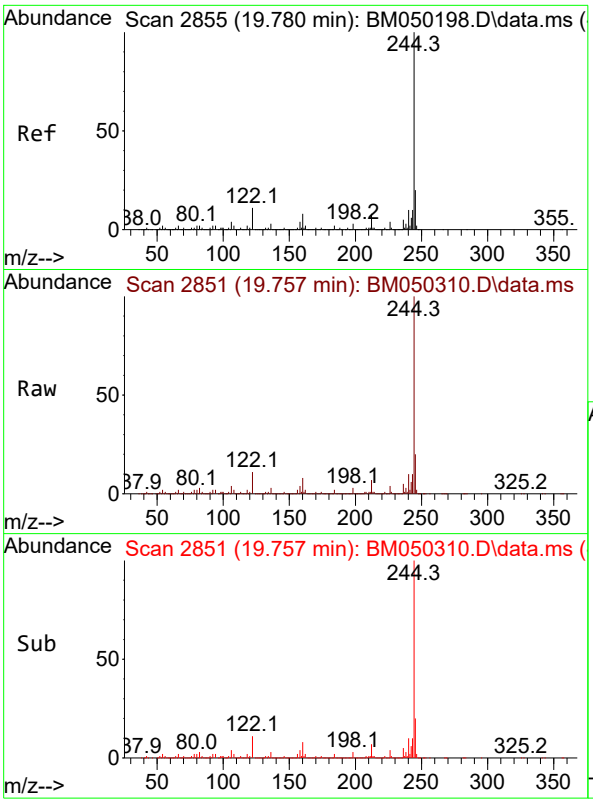


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.357 min Scan# 3123
Delta R.T. -0.017 min
Lab File: BM050310.D
Acq: 13 Jun 2025 21:44

Tgt Ion:240 Resp: 1452631

Ion	Ratio	Lower	Upper
240	100		
120	12.1	9.0	13.4
236	24.9	20.7	31.1



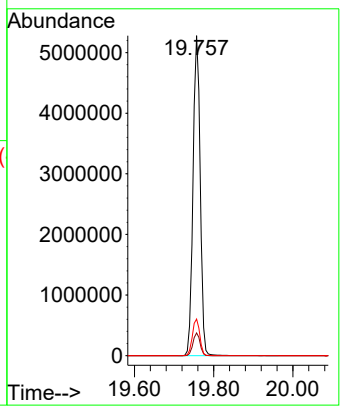


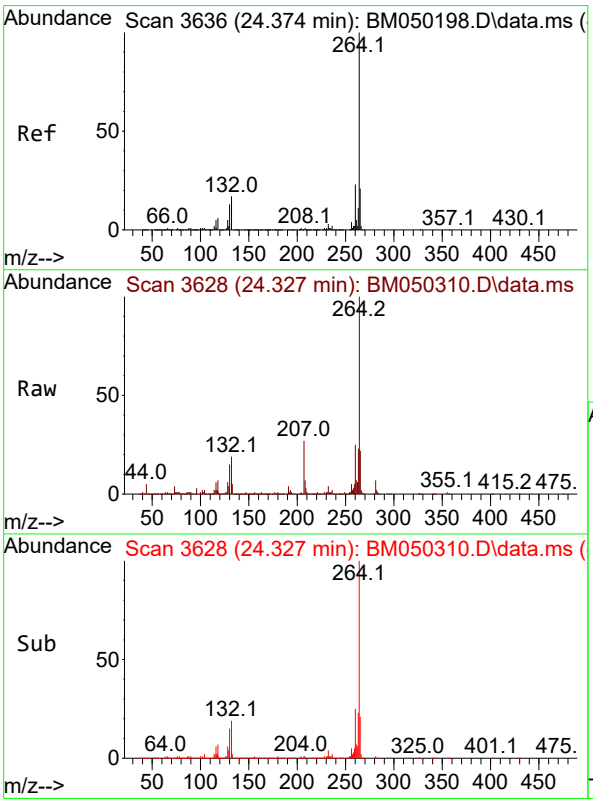
#79
Terphenyl-d14
Concen: 86.691 ng
RT: 19.757 min Scan# 2
Delta R.T. -0.011 min
Lab File: BM050310.D
Acq: 13 Jun 2025 21:44

Instrument :
BNA_M
ClientSampleId :
WC-4

Tgt Ion:244 Resp: 6645330

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	11.5	8.6	12.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.327 min Scan# 3628
Delta R.T. -0.017 min
Lab File: BM050310.D
Acq: 13 Jun 2025 21:44

Tgt Ion:264 Resp: 1211865

Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.6	28.0
265	22.0	16.8	25.2