Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060625\
Data File : BM050232.D
Acq On : 07 Jun 2025 03:20
Operator : RC/JU
Sample : Q2177-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-187-SB02

Quant Time: Jun 07 04:09:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 16:20:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.786	152	305472	20.000	ng	0.00
21) Naphthalene-d8	10.575	136	1153728	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	611005	20.000	ng	0.00
64) Phenanthrene-d10	17.145	188	1089581	20.000	ng	-0.01
76) Chrysene-d12	21.374	240	1091419	20.000	ng	-0.01
86) Perylene-d12	24.362	264	1171439	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	2187255	119.443	ng	0.00
7) Phenol-d6	6.951	99	2358204	97.826	ng	0.00
23) Nitrobenzene-d5	8.933	82	1789228	80.655	ng	-0.01
42) 2,4,6-Tribromophenol	15.892	330	838659	120.675	ng	-0.01
45) 2-Fluorobiphenyl	13.039	172	3530581	78.230	ng	-0.01
79) Terphenyl-d14	19.774	244	4581312	79.545	ng	-0.01
Target Compounds						Qvalue

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

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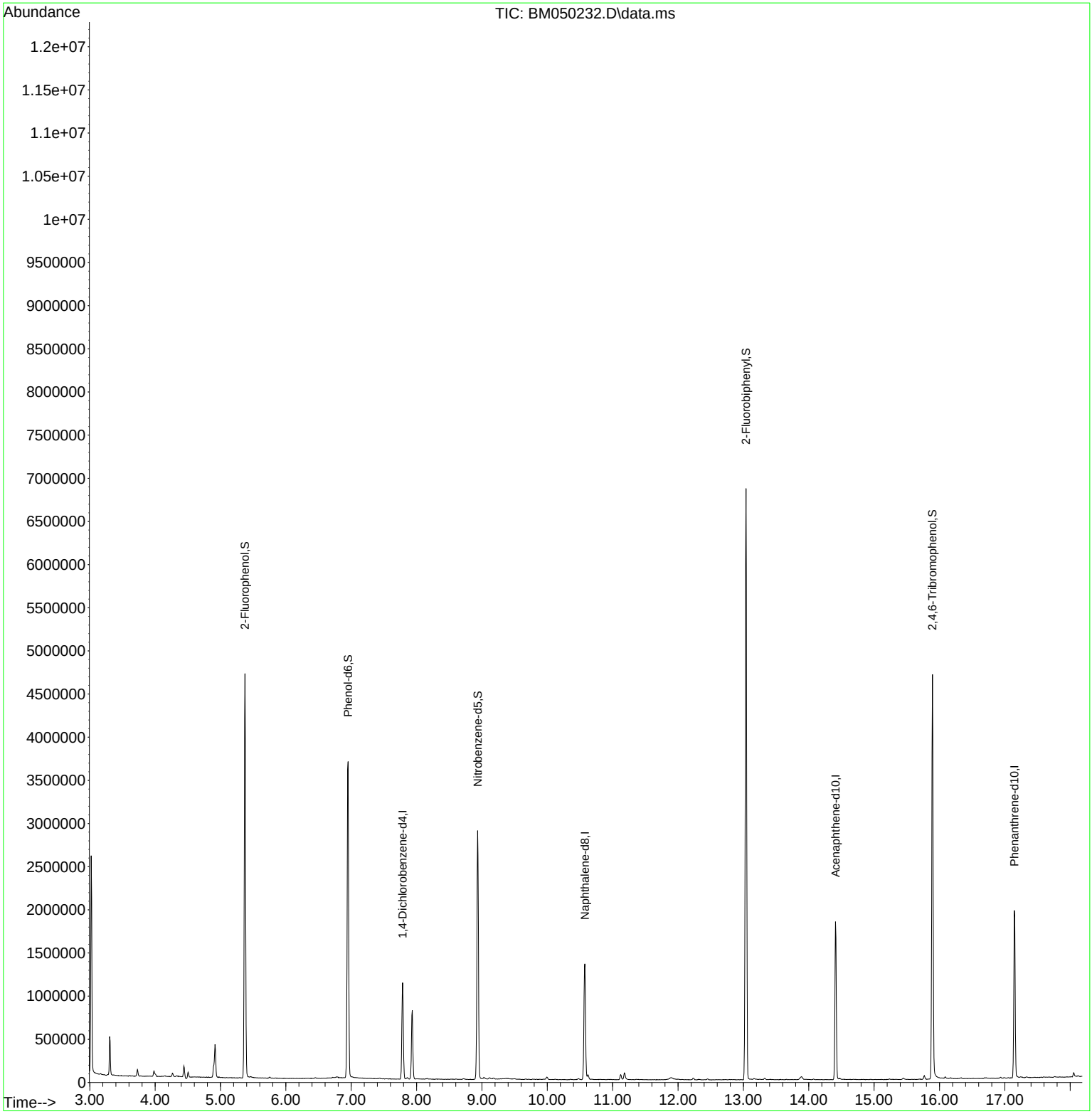

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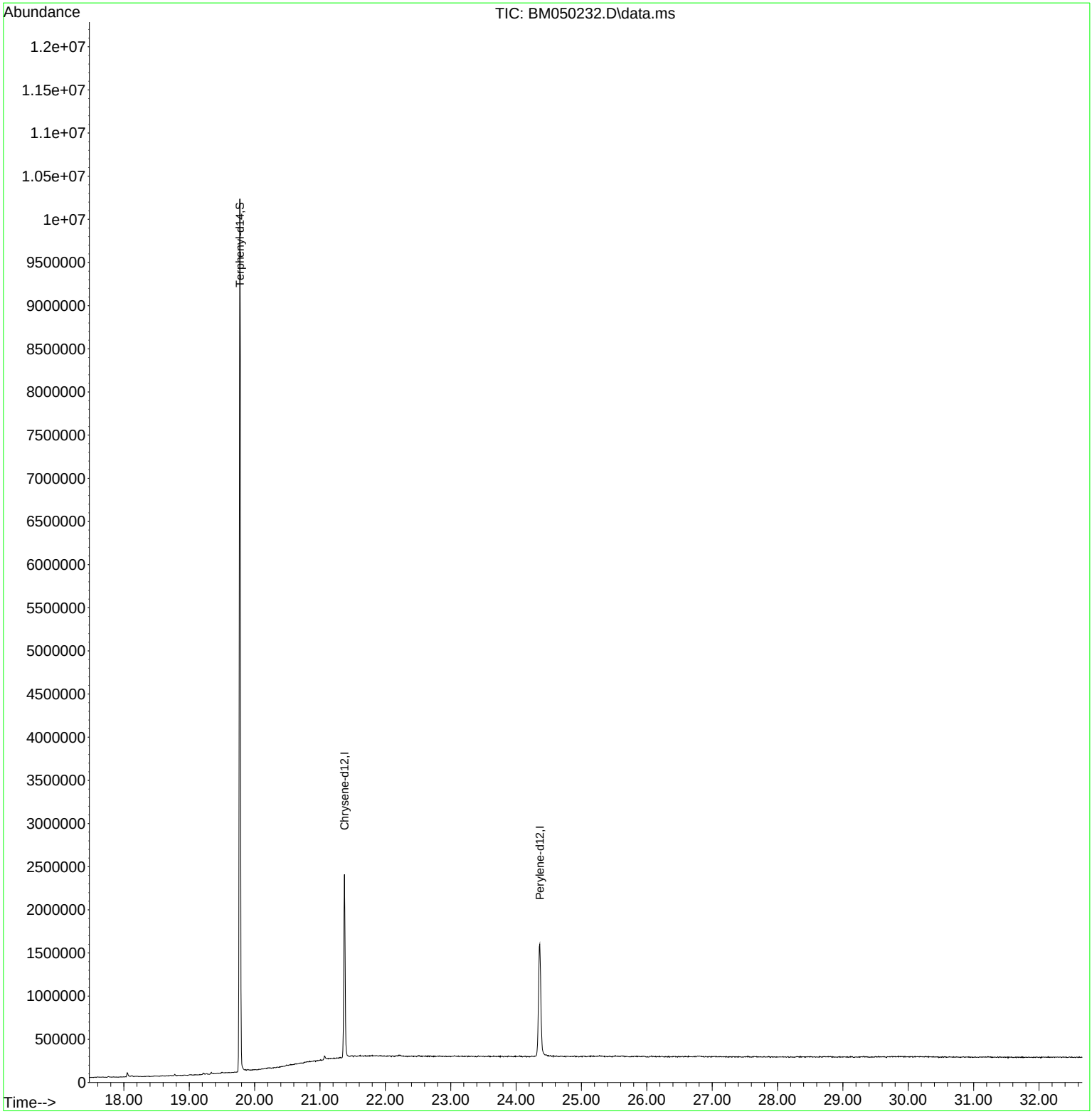
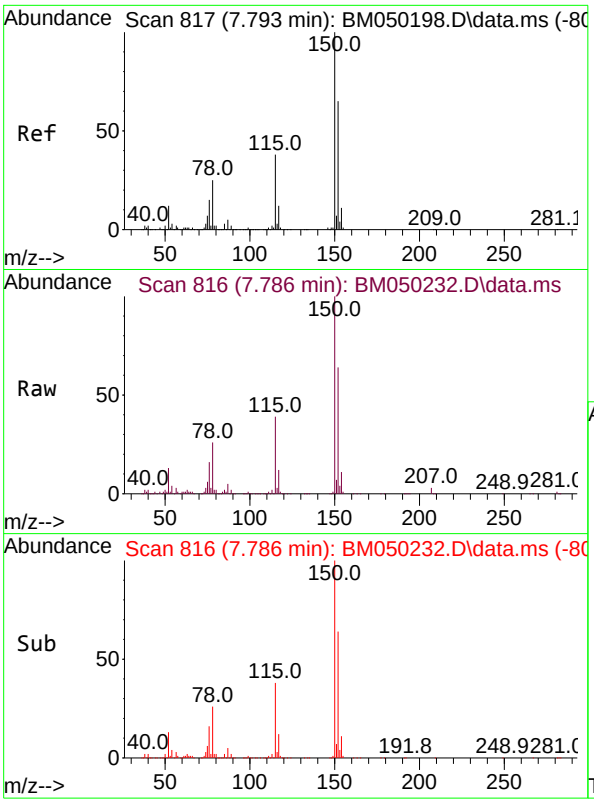


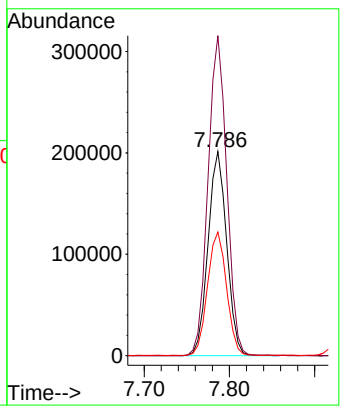


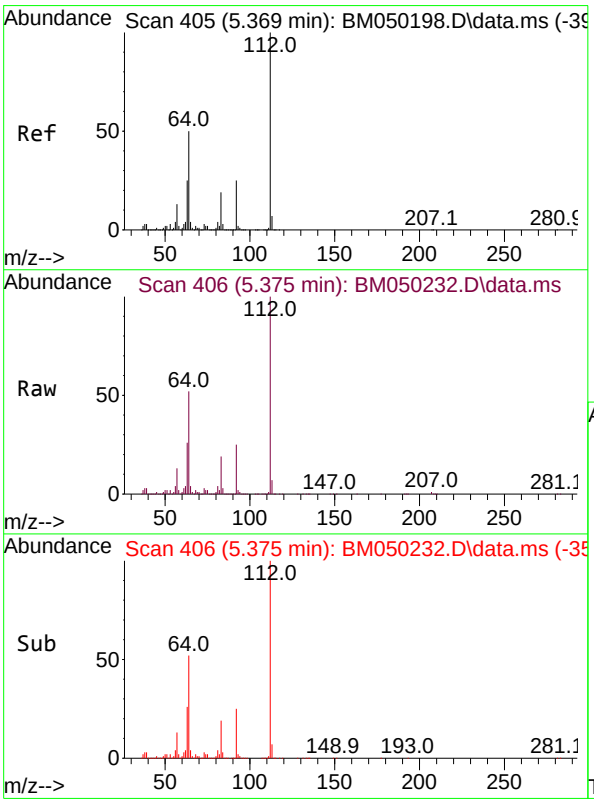
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.786 min Scan# 81
Delta R.T. -0.007 min
Lab File: BM050232.D
Acq: 07 Jun 2025 03:20

Instrument :
BNA_M
ClientSampleId :
B-187-SB02

Tgt Ion:152 Resp: 305472

Ion	Ratio	Lower	Upper
152	100		
150	156.8	122.2	183.4
115	60.5	46.3	69.5

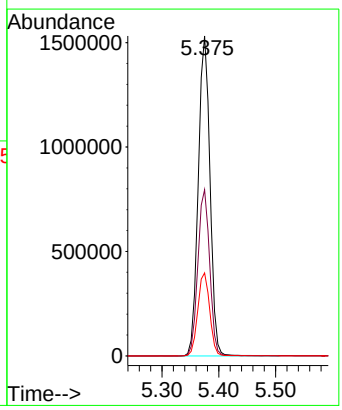


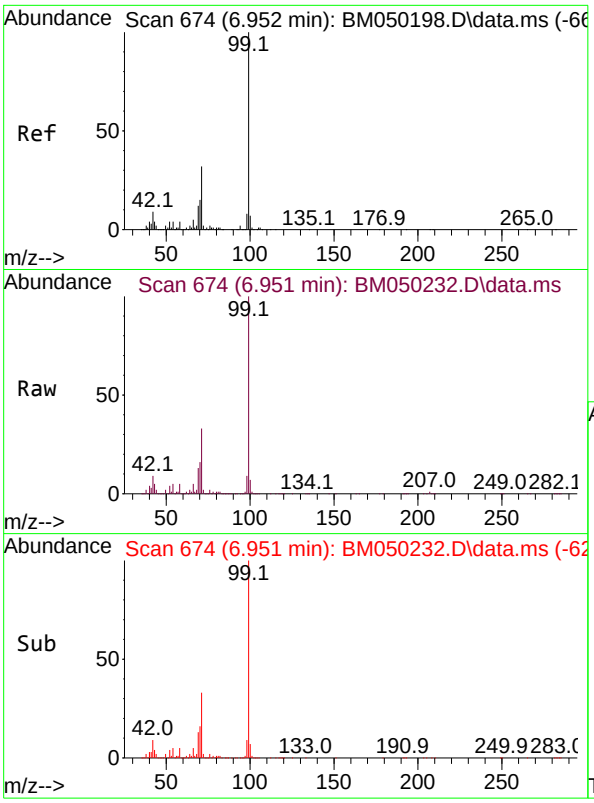


#5
2-Fluorophenol
Concen: 119.443 ng
RT: 5.375 min Scan# 406
Delta R.T. -0.000 min
Lab File: BM050232.D
Acq: 07 Jun 2025 03:20

Tgt Ion:112 Resp: 2187255

Ion	Ratio	Lower	Upper
112	100		
64	51.9	39.8	59.6
63	25.9	19.8	29.8



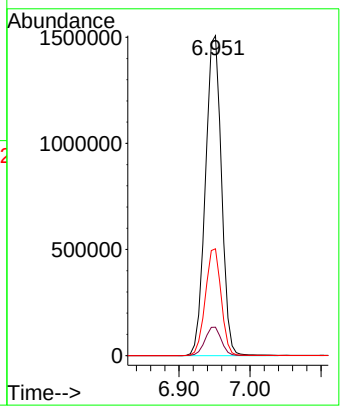


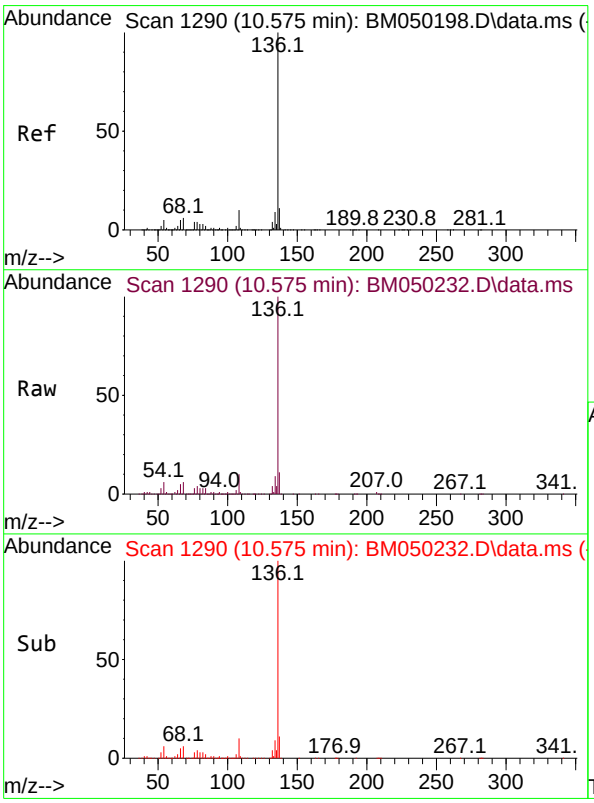
#7
Phenol-d6
Concen: 97.826 ng
RT: 6.951 min Scan# 6
Delta R.T. -0.006 min
Lab File: BM050232.D
Acq: 07 Jun 2025 03:20

Instrument :
BNA_M
ClientSampleId :
B-187-SB02

Tgt Ion: 99 Resp: 2358204

Ion	Ratio	Lower	Upper
99	100		
42	8.9	6.9	10.3
71	33.4	25.3	37.9

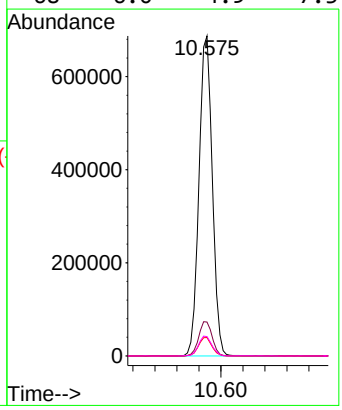


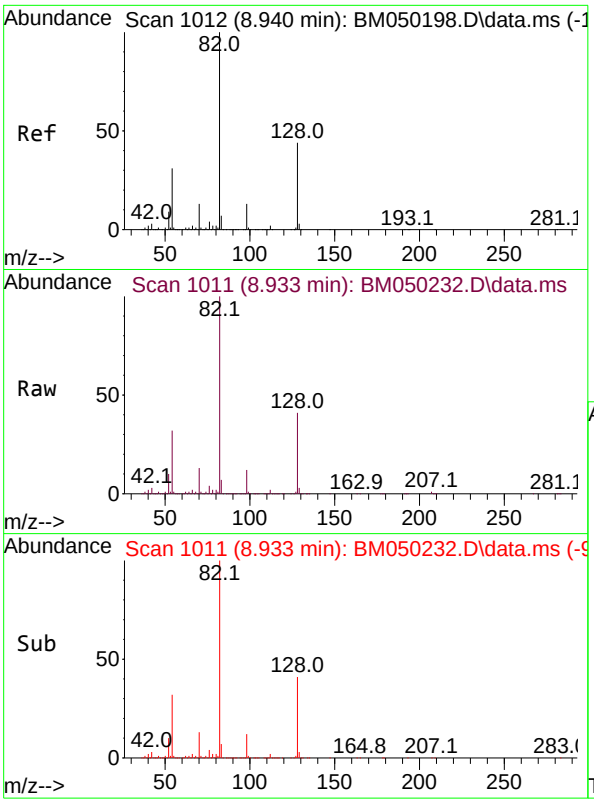


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.575 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BM050232.D
Acq: 07 Jun 2025 03:20

Tgt Ion:136 Resp: 1153728

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	5.7	3.8	5.8
68	6.0	4.9	7.3



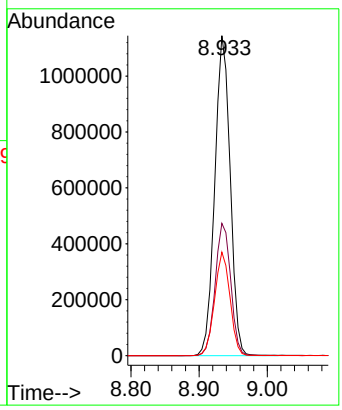


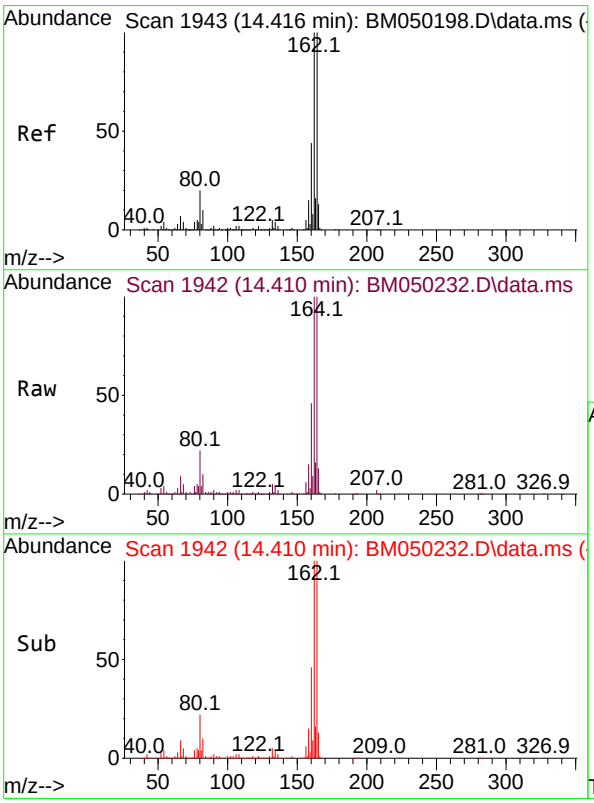
#23
Nitrobenzene-d5
Concen: 80.655 ng
RT: 8.933 min Scan# 10
Delta R.T. -0.012 min
Lab File: BM050232.D
Acq: 07 Jun 2025 03:20

Instrument :
BNA_M
ClientSampleId :
B-187-SB02

Tgt Ion: 82 Resp: 1789228

Ion	Ratio	Lower	Upper
82	100		
128	41.3	35.2	52.8
54	32.3	24.5	36.7

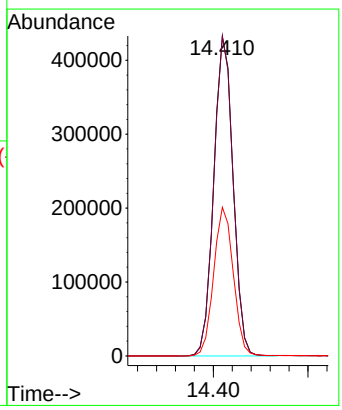


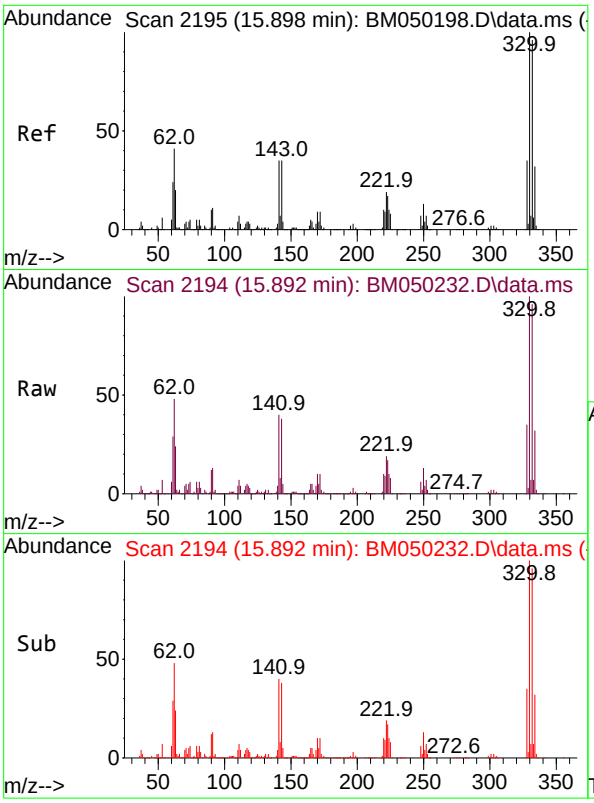


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BM050232.D
Acq: 07 Jun 2025 03:20

Tgt Ion:164 Resp: 611005

Ion	Ratio	Lower	Upper
164	100		
162	100.2	80.2	120.4
160	46.5	35.7	53.5



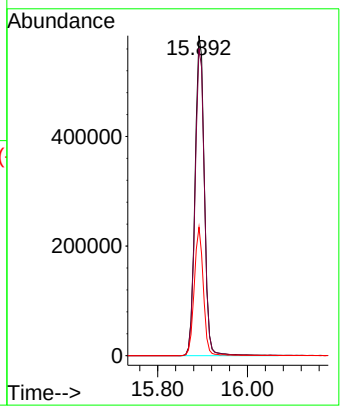


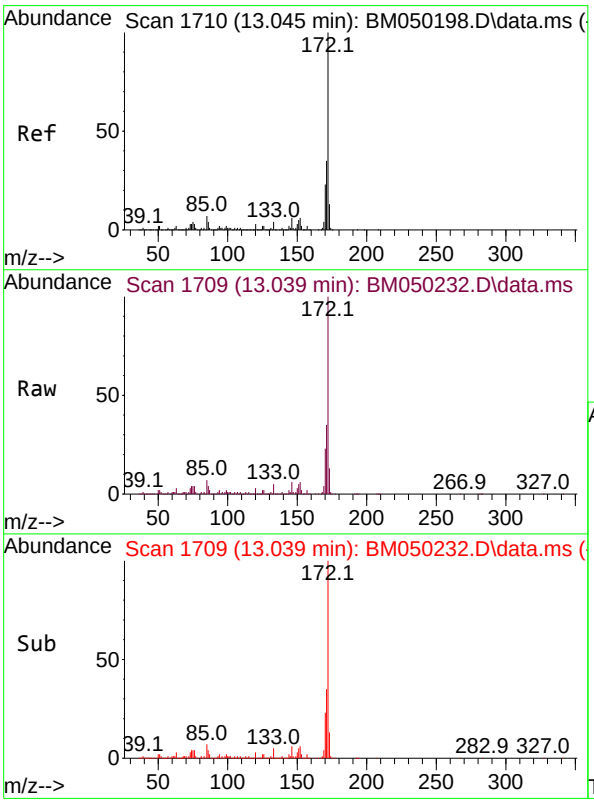
#42
2,4,6-Tribromophenol
Concen: 120.675 ng
RT: 15.892 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM050232.D
Acq: 07 Jun 2025 03:20

Instrument :
BNA_M
ClientSampleId :
B-187-SB02

Tgt Ion:330 Resp: 838659

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.5	116.3
141	38.9	28.8	43.2

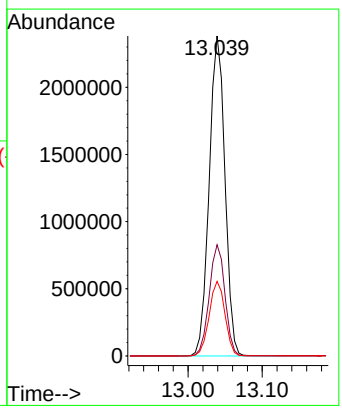


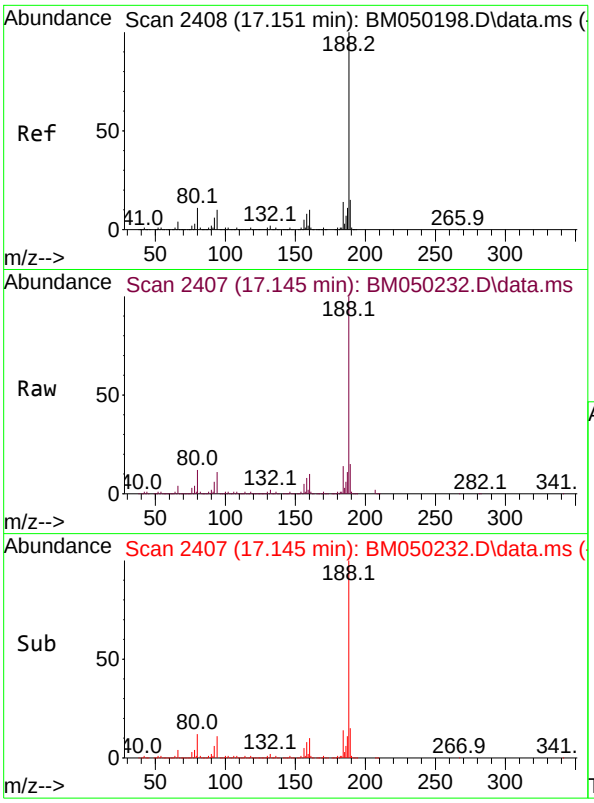


#45
2-Fluorobiphenyl
Concen: 78.230 ng
RT: 13.039 min Scan# 1709
Delta R.T. -0.012 min
Lab File: BM050232.D
Acq: 07 Jun 2025 03:20

Tgt Ion:172 Resp: 3530581

Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.8	41.6
170	23.3	18.6	27.8



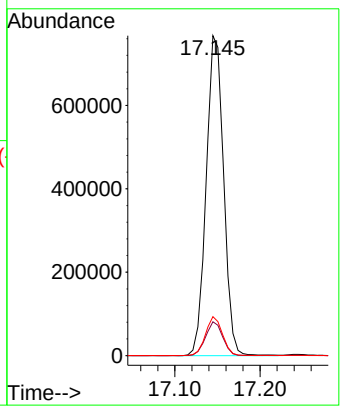


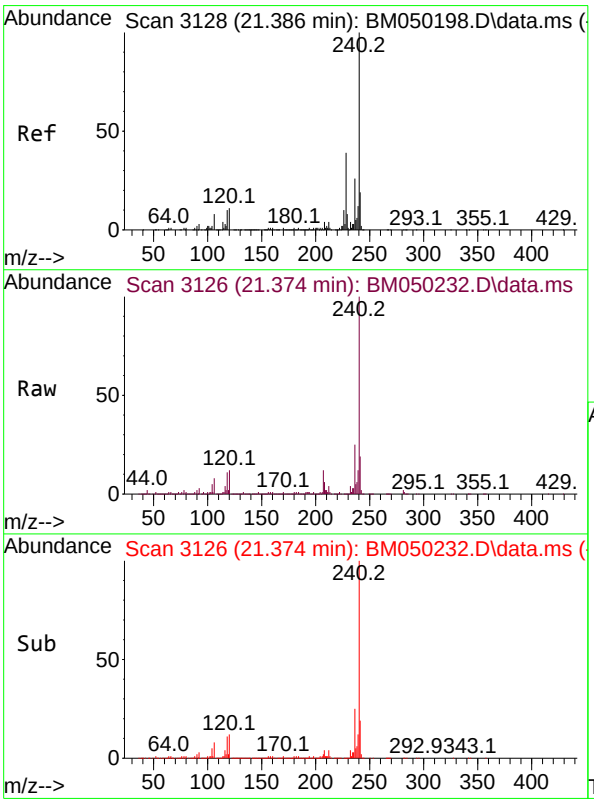
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 24
Delta R.T. -0.012 min
Lab File: BM050232.D
Acq: 07 Jun 2025 03:20

Instrument :
BNA_M
ClientSampleId :
B-187-SB02

Tgt Ion:188 Resp: 1089581

Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.1	12.1
80	12.2	8.6	13.0

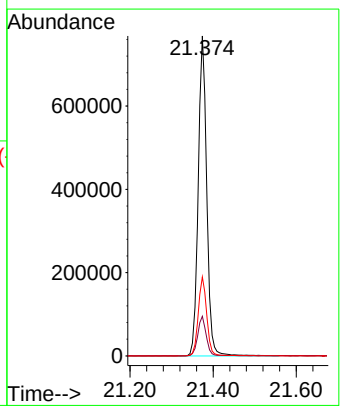


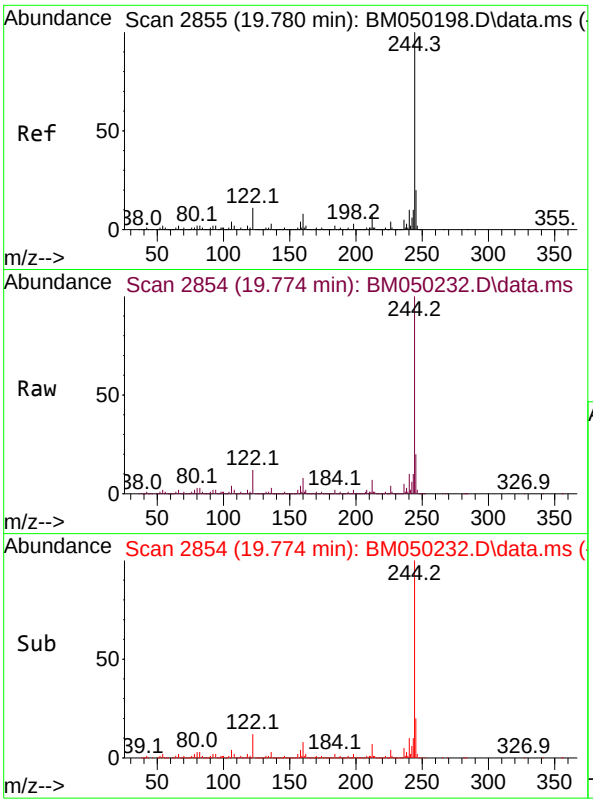


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.374 min Scan# 3126
Delta R.T. -0.012 min
Lab File: BM050232.D
Acq: 07 Jun 2025 03:20

Tgt Ion:240 Resp: 1091419

Ion	Ratio	Lower	Upper
240	100		
120	12.4	9.0	13.4
236	24.7	20.7	31.1



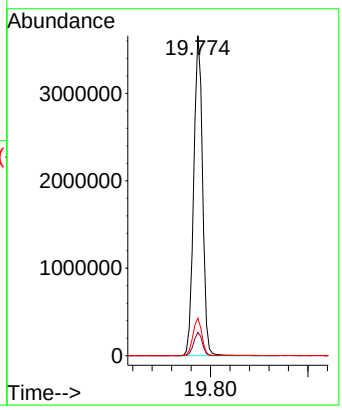


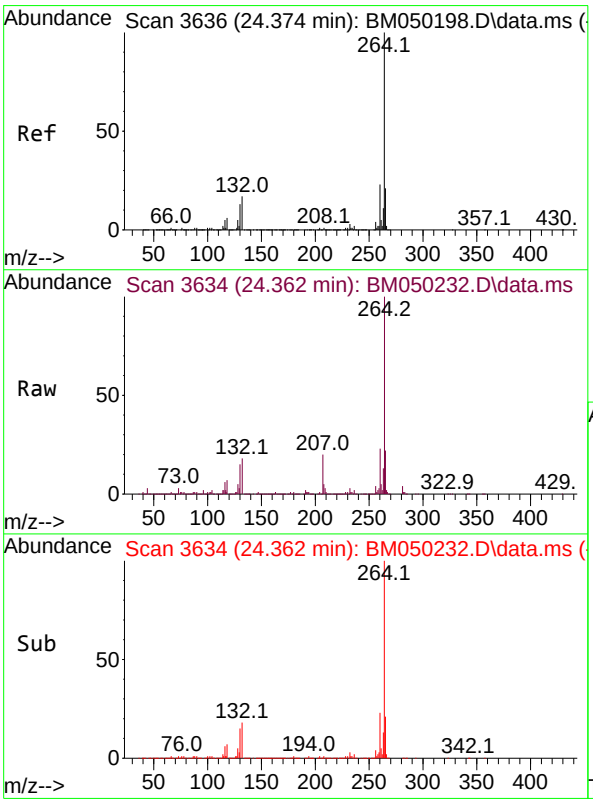
#79
Terphenyl-d14
Concen: 79.545 ng
RT: 19.774 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050232.D
Acq: 07 Jun 2025 03:20

Instrument :
BNA_M
ClientSampleId :
B-187-SB02

Tgt Ion:244 Resp: 4581312

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	11.7	8.6	12.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.362 min Scan# 3634
Delta R.T. -0.012 min
Lab File: BM050232.D
Acq: 07 Jun 2025 03:20

Tgt Ion:264 Resp: 1171439

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.6	28.0
265	21.7	16.8	25.2