Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061325\
Data File : BM050320.D
Acq On : 14 Jun 2025 04:58
Operator : RC/JU
Sample : Q2297-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-3

Quant Time: Jun 14 06:01:41 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	383319	20.000	ng	0.00
21) Naphthalene-d8	10.545	136	1438578	20.000	ng	#-0.01
39) Acenaphthene-d10	14.392	164	750545	20.000	ng	0.00
64) Phenanthrene-d10	17.127	188	1359180	20.000	ng	-0.01
76) Chrysene-d12	21.350	240	1389476	20.000	ng	-0.02
86) Perylene-d12	24.321	264	1477350	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	3539115	154.017	ng	0.00
7) Phenol-d6	6.928	99	3977687	131.496	ng	0.00
23) Nitrobenzene-d5	8.910	82	2881913	104.188	ng	0.00
42) 2,4,6-Tribromophenol	15.874	330	1289990	151.107	ng	0.00
45) 2-Fluorobiphenyl	13.016	172	5441372	98.153	ng	-0.01
79) Terphenyl-d14	19.756	244	6972810	95.098	ng	-0.01
Target Compounds						Qvalue

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

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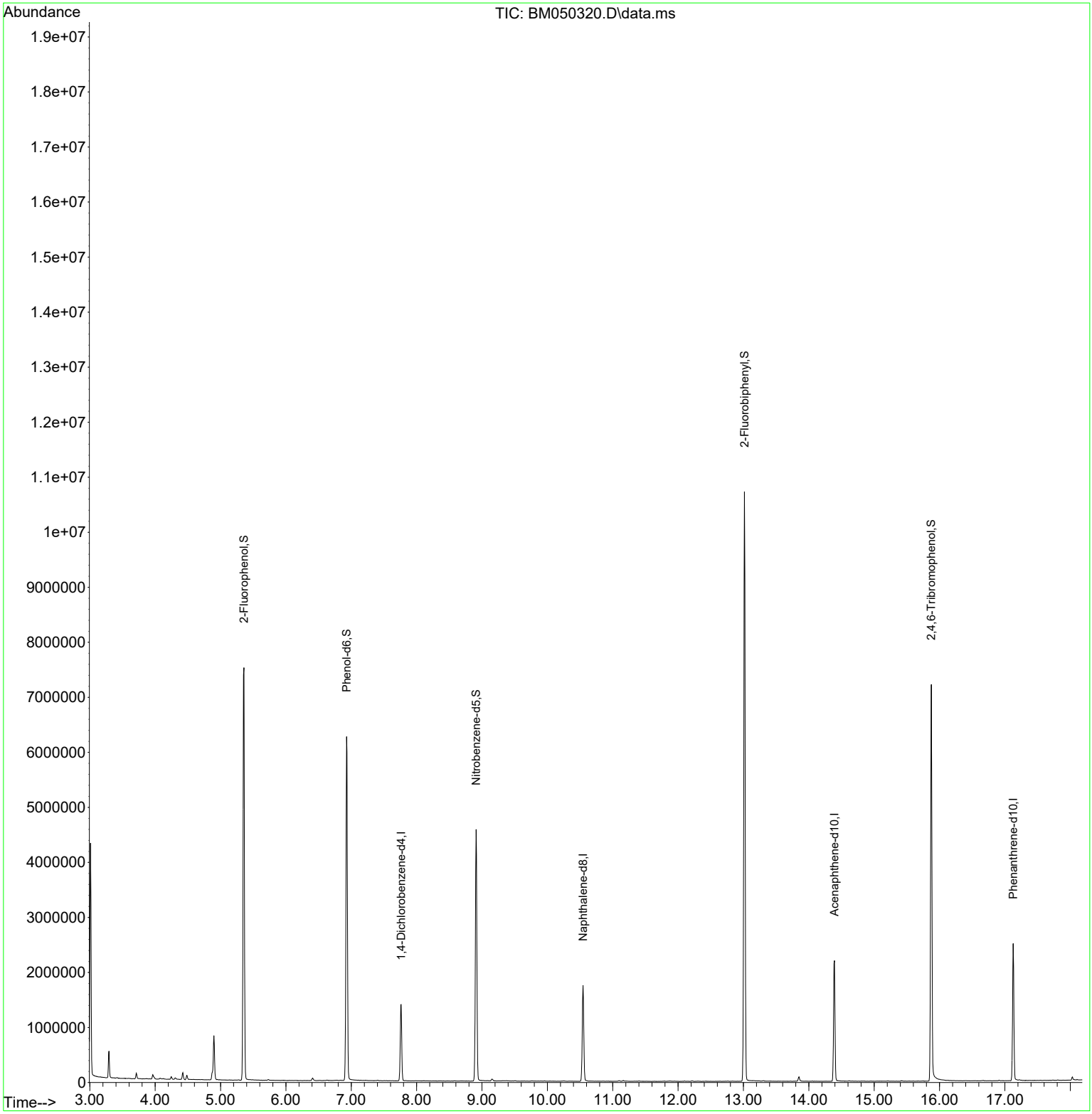

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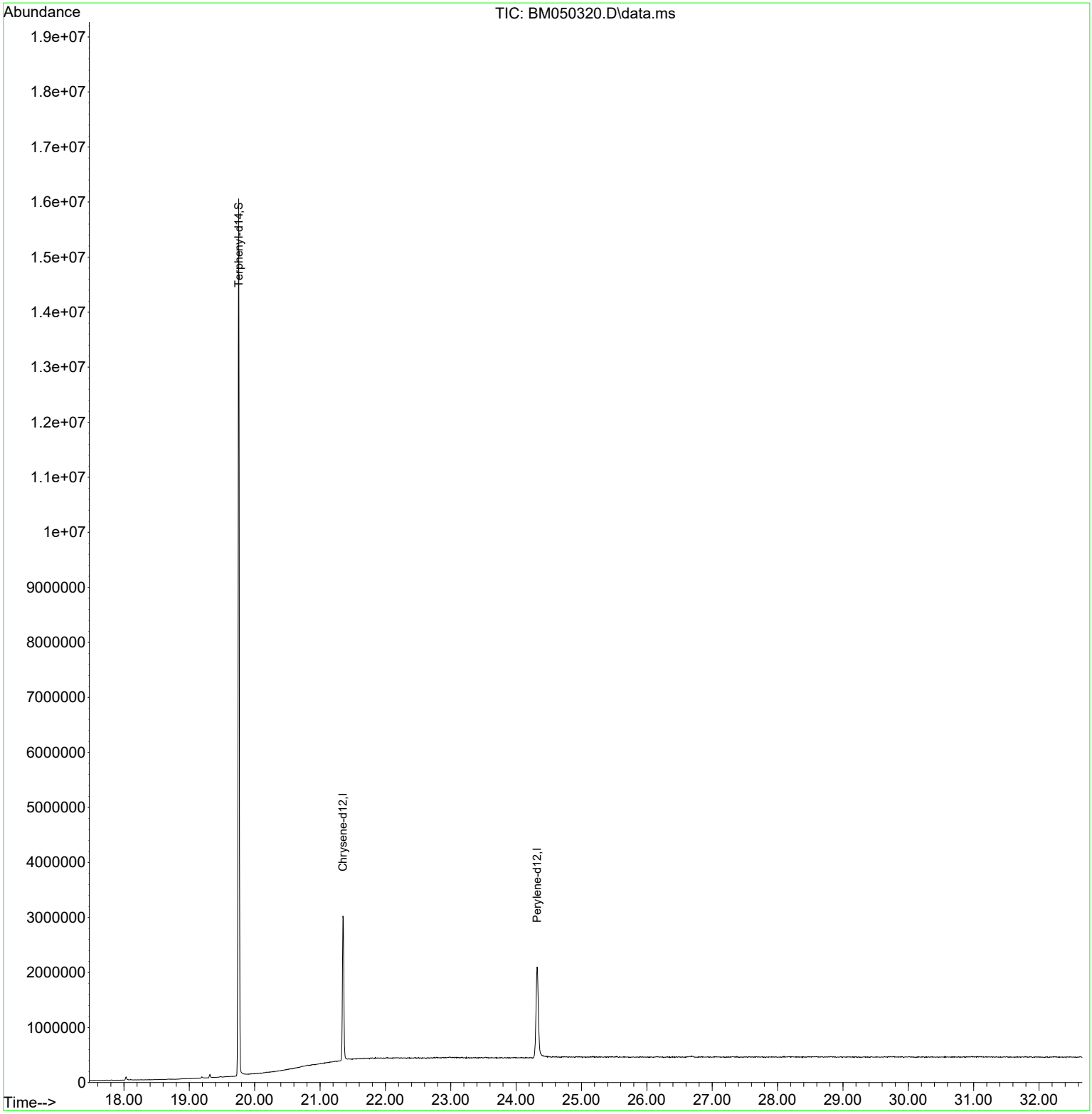
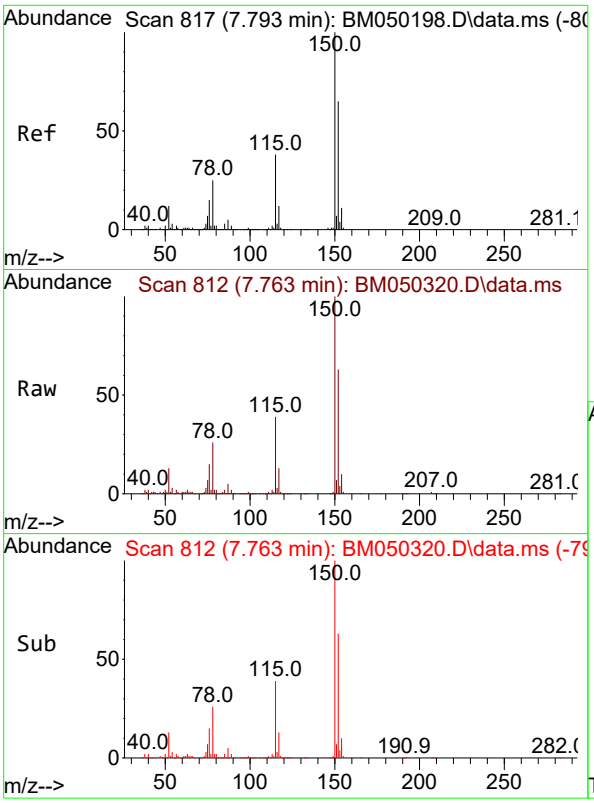


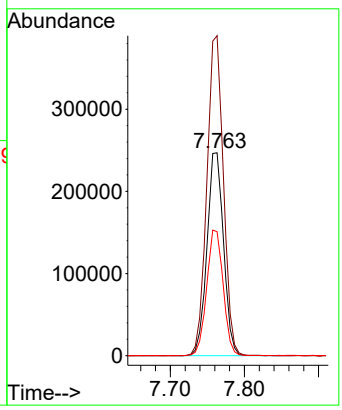


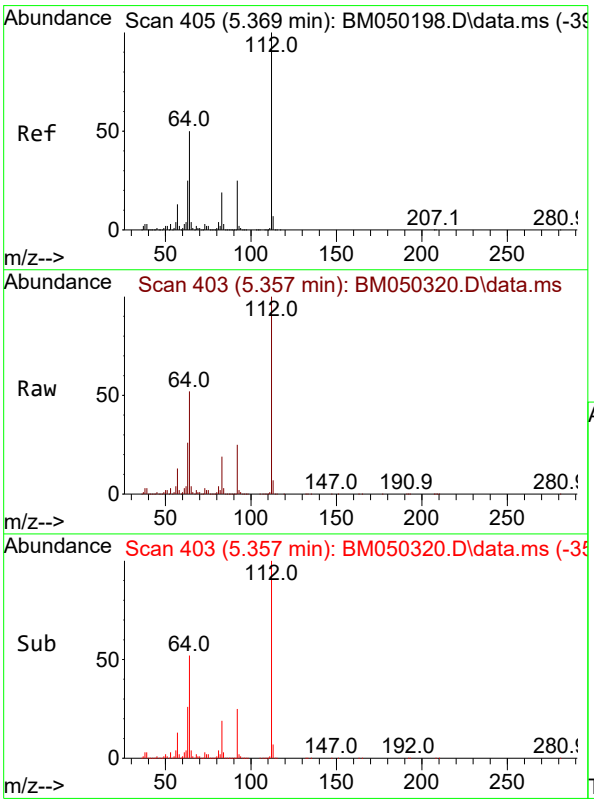
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 8
Delta R.T. -0.006 min
Lab File: BM050320.D
Acq: 14 Jun 2025 04:58

Instrument :
BNA_M
ClientSampleId :
TP-3

Tgt Ion:152 Resp: 383319

Ion	Ratio	Lower	Upper
152	100		
150	157.7	122.2	183.4
115	61.1	46.3	69.5

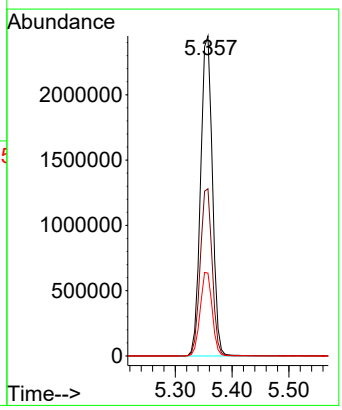


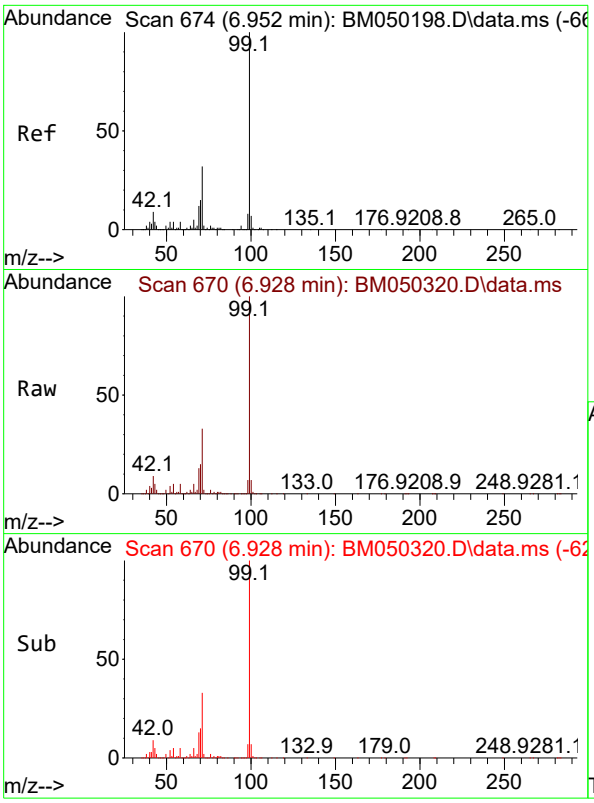


#5
2-Fluorophenol
Concen: 154.017 ng
RT: 5.357 min Scan# 403
Delta R.T. 0.000 min
Lab File: BM050320.D
Acq: 14 Jun 2025 04:58

Tgt Ion:112 Resp: 3539115

Ion	Ratio	Lower	Upper
112	100		
64	52.3	39.8	59.6
63	25.9	19.8	29.8



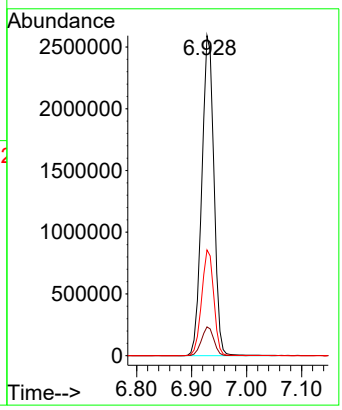


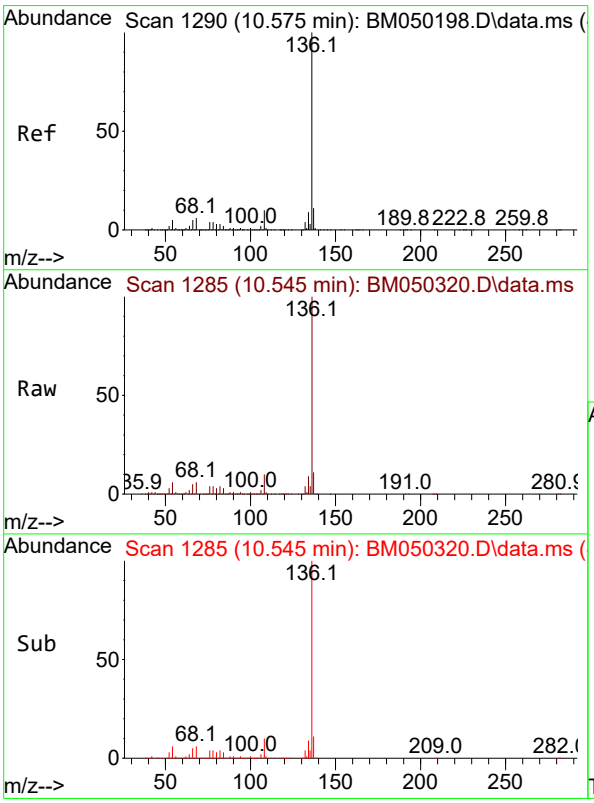
#7
Phenol-d6
Concen: 131.496 ng
RT: 6.928 min Scan# 6
Delta R.T. -0.006 min
Lab File: BM050320.D
Acq: 14 Jun 2025 04:58

Instrument :
BNA_M
ClientSampleId :
TP-3

Tgt Ion: 99 Resp: 3977687

Ion	Ratio	Lower	Upper
99	100		
42	9.0	6.9	10.3
71	33.1	25.3	37.9

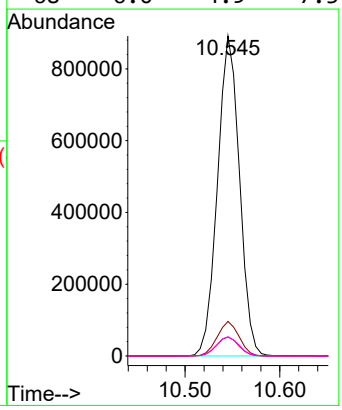


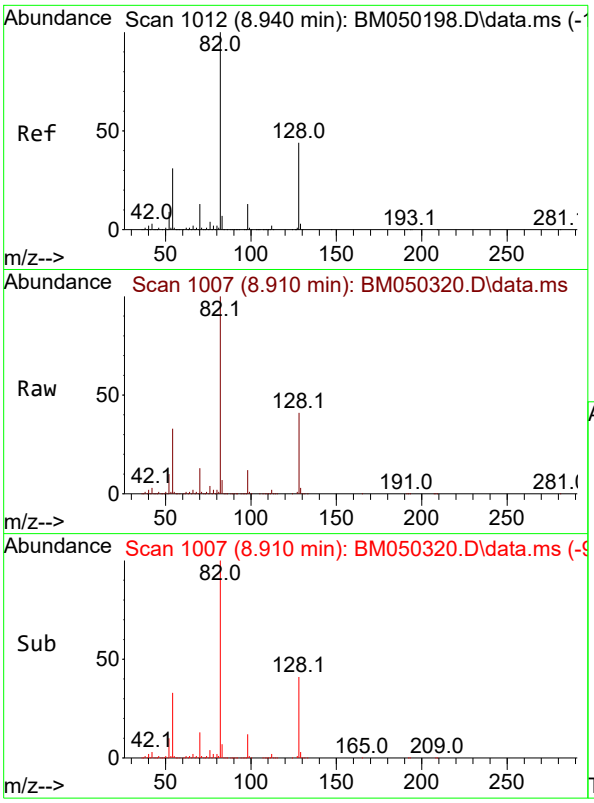


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.545 min Scan# 1285
Delta R.T. -0.012 min
Lab File: BM050320.D
Acq: 14 Jun 2025 04:58

Tgt Ion:136 Resp: 1438578

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	5.9	3.8	5.8#
68	6.0	4.9	7.3



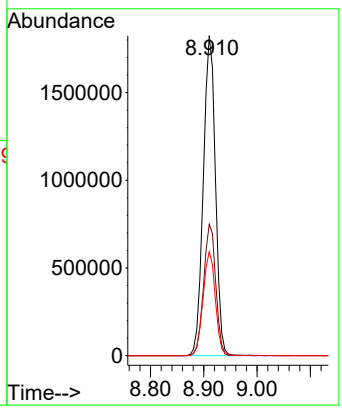


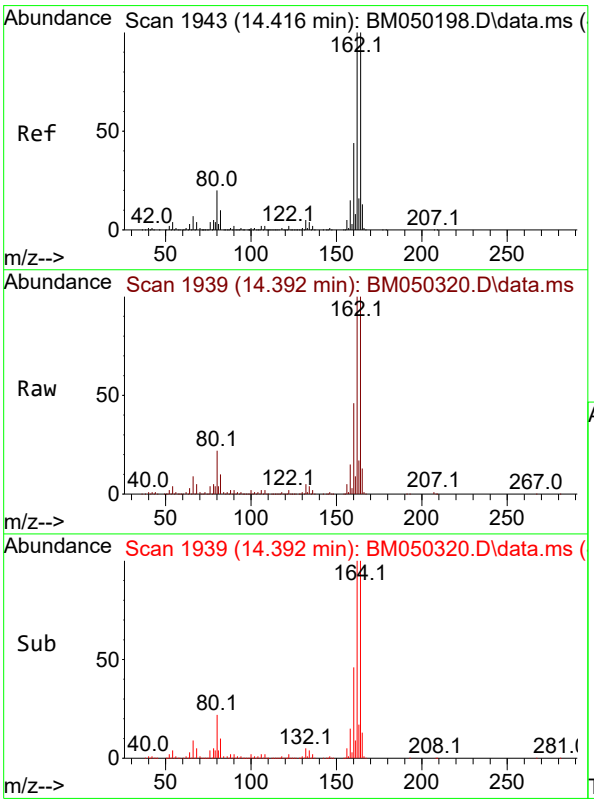
#23
Nitrobenzene-d5
Concen: 104.188 ng
RT: 8.910 min Scan# 1(
Delta R.T. -0.006 min
Lab File: BM050320.D
Acq: 14 Jun 2025 04:58

Instrument :
BNA_M
ClientSampleId :
TP-3

Tgt Ion: 82 Resp: 2881913

Ion	Ratio	Lower	Upper
82	100		
128	41.1	35.2	52.8
54	32.5	24.5	36.7

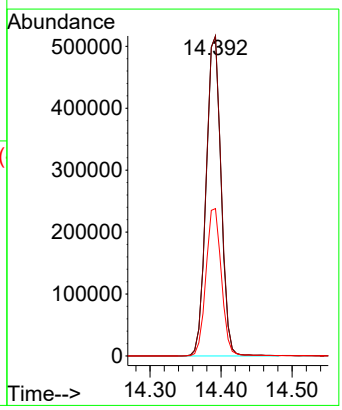


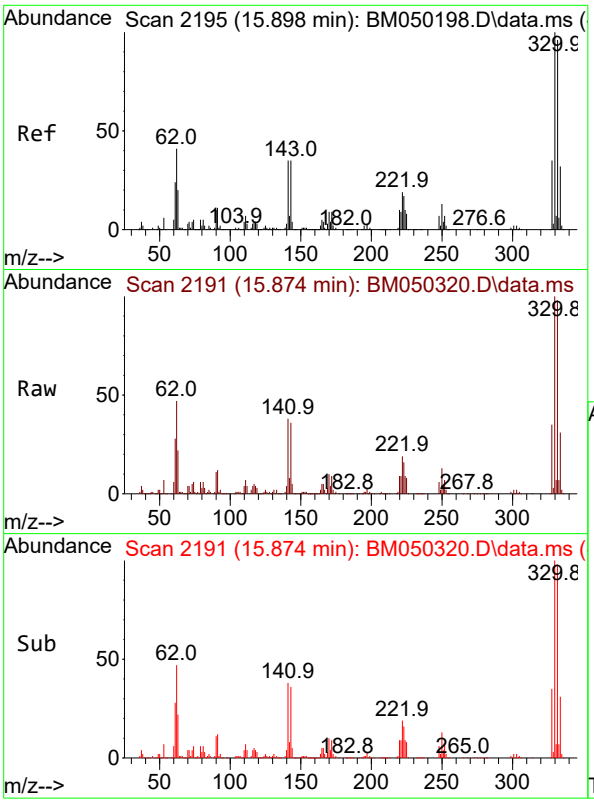


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1939
Delta R.T. -0.006 min
Lab File: BM050320.D
Acq: 14 Jun 2025 04:58

Tgt Ion:164 Resp: 750545

Ion	Ratio	Lower	Upper
164	100		
162	100.0	80.2	120.4
160	46.1	35.7	53.5



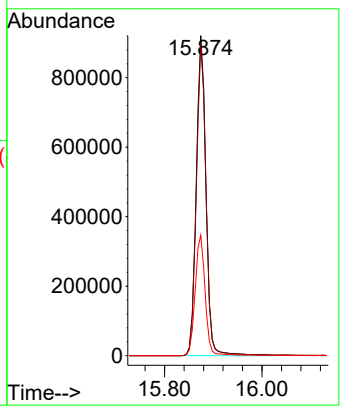


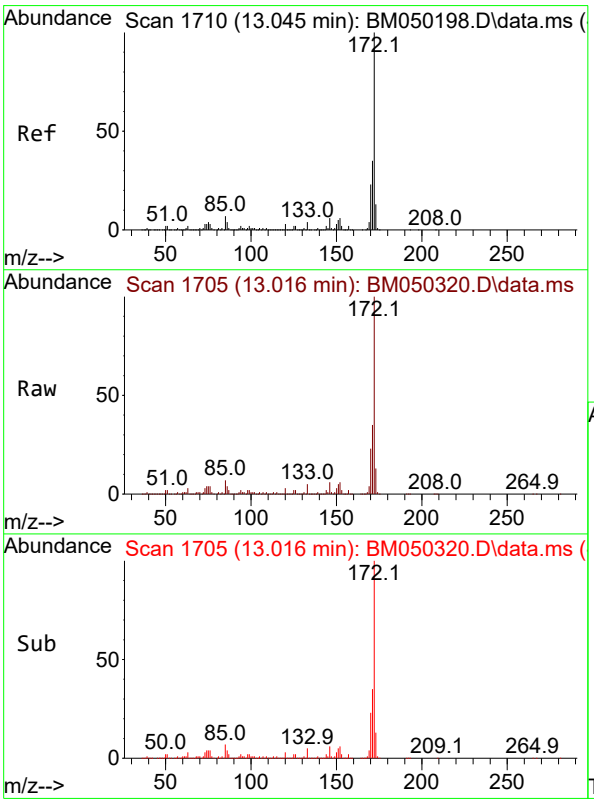
#42
2,4,6-Tribromophenol
Concen: 151.107 ng
RT: 15.874 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050320.D
Acq: 14 Jun 2025 04:58

Instrument :
BNA_M
ClientSampleId :
TP-3

Tgt Ion:330 Resp: 1289990

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.5	116.3
141	38.7	28.8	43.2

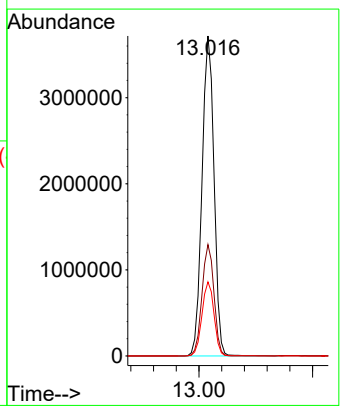


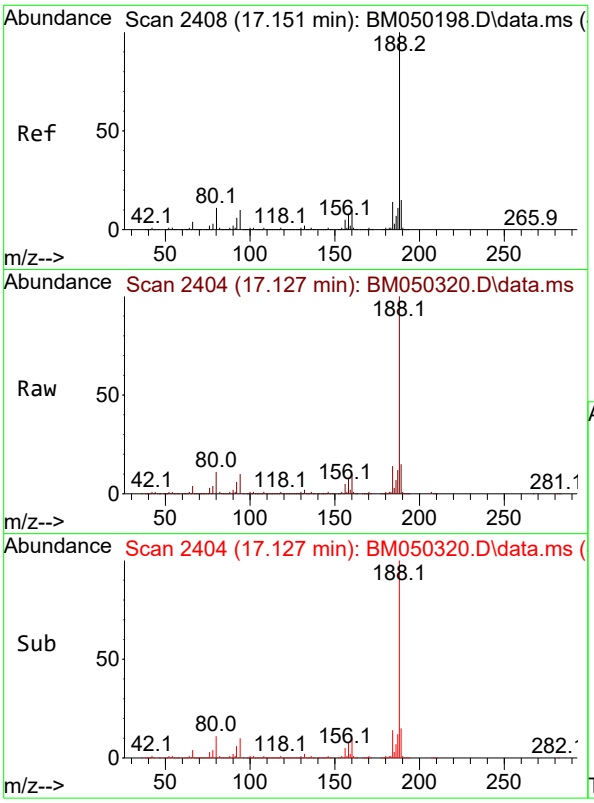


#45
2-Fluorobiphenyl
Concen: 98.153 ng
RT: 13.016 min Scan# 1705
Delta R.T. -0.012 min
Lab File: BM050320.D
Acq: 14 Jun 2025 04:58

Tgt Ion:172 Resp: 5441372

Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.8	41.6
170	23.1	18.6	27.8



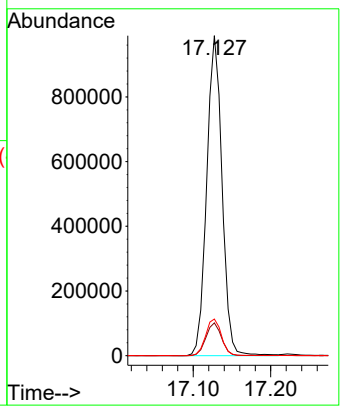


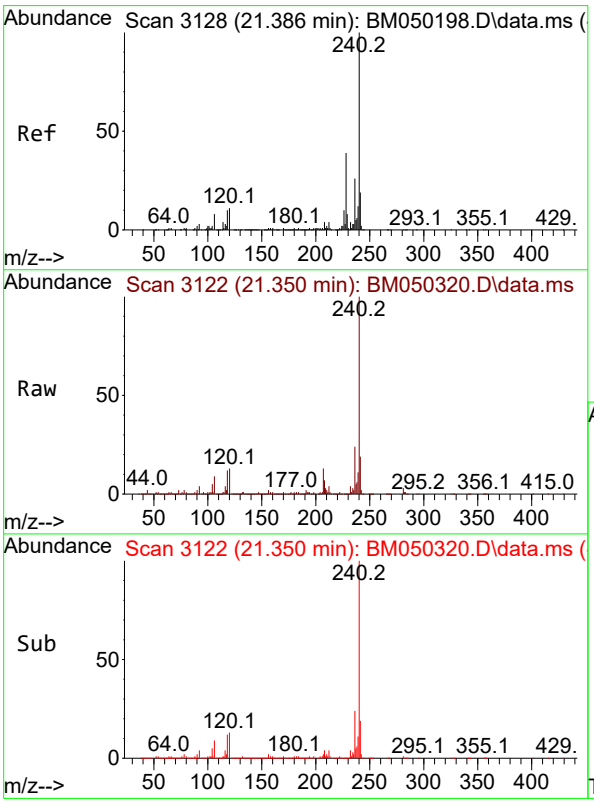
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.127 min Scan# 24
Delta R.T. -0.012 min
Lab File: BM050320.D
Acq: 14 Jun 2025 04:58

Instrument :
BNA_M
ClientSampleId :
TP-3

Tgt Ion:188 Resp: 1359180

Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.1	12.1
80	11.5	8.6	13.0

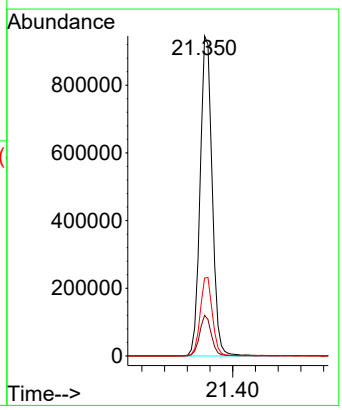


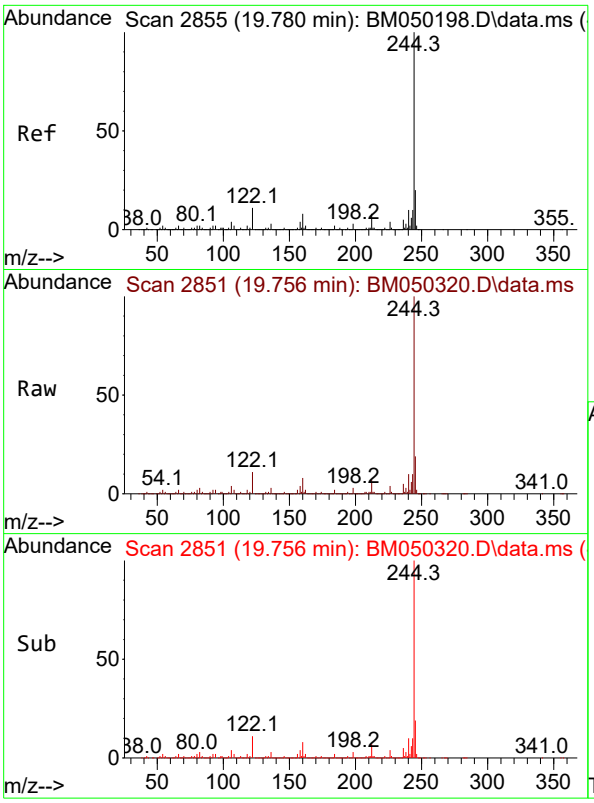


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.350 min Scan# 3122
Delta R.T. -0.023 min
Lab File: BM050320.D
Acq: 14 Jun 2025 04:58

Tgt Ion:240 Resp: 1389476

Ion	Ratio	Lower	Upper
240	100		
120	12.7	9.0	13.4
236	24.4	20.7	31.1



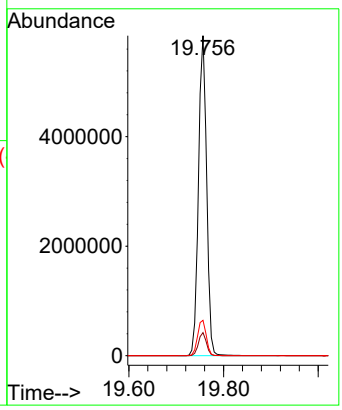


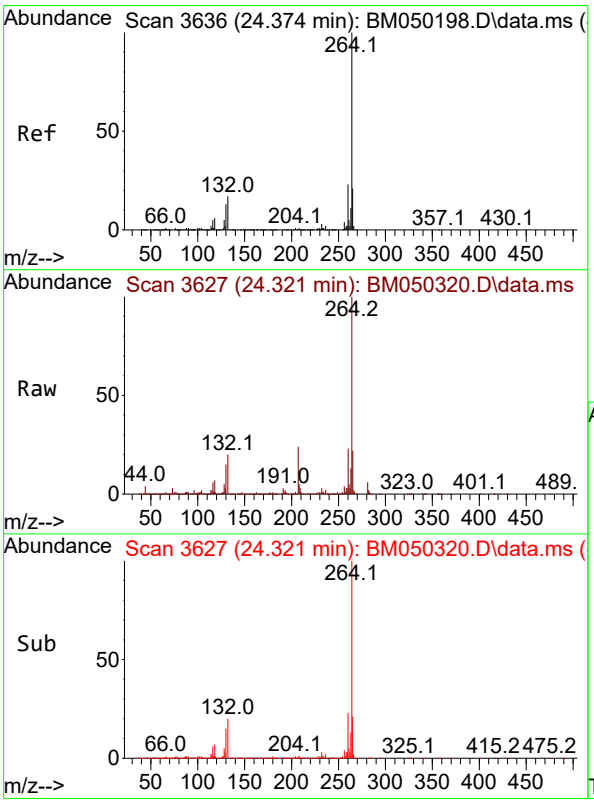
#79
Terphenyl-d14
Concen: 95.098 ng
RT: 19.756 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050320.D
Acq: 14 Jun 2025 04:58

Instrument :
BNA_M
ClientSampleId :
TP-3

Tgt Ion:244 Resp: 6972810

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	11.0	8.6	12.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.321 min Scan# 3627
Delta R.T. -0.023 min
Lab File: BM050320.D
Acq: 14 Jun 2025 04:58

Tgt Ion:264 Resp: 1477350

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	28.0
265	21.6	16.8	25.2