Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061125\
Data File : BM050295.D
Acq On : 12 Jun 2025 05:10
Operator : RC/JU
Sample : PB168369TB
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Jun 12 05:58:31 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	374014	20.000	ng	0.00
21) Naphthalene-d8	10.551	136	1396895	20.000	ng	0.00
39) Acenaphthene-d10	14.392	164	776202	20.000	ng	0.00
64) Phenanthrene-d10	17.127	188	1516518	20.000	ng	-0.01
76) Chrysene-d12	21.356	240	1557464	20.000	ng	-0.02
86) Perylene-d12	24.327	264	1641162	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	3376105	150.578	ng	0.00
7) Phenol-d6	6.934	99	4131453	139.977	ng	0.00
23) Nitrobenzene-d5	8.910	82	2436953	90.731	ng	0.00
42) 2,4,6-Tribromophenol	15.874	330	1349043	152.801	ng	0.00
45) 2-Fluorobiphenyl	13.015	172	5195965	90.628	ng	-0.01
79) Terphenyl-d14	19.756	244	7302911	88.857	ng	-0.01
Target Compounds						Qvalue

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

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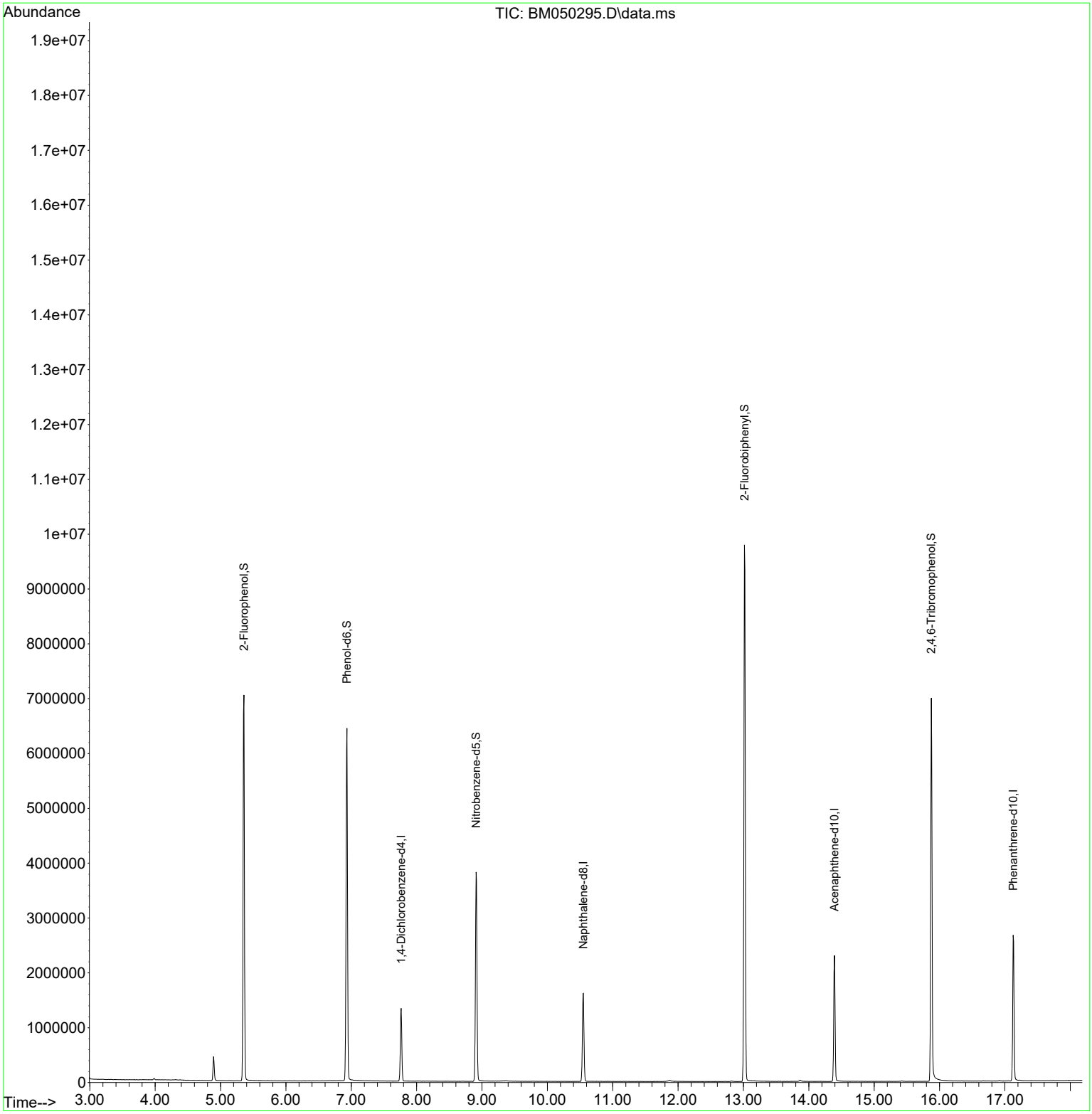

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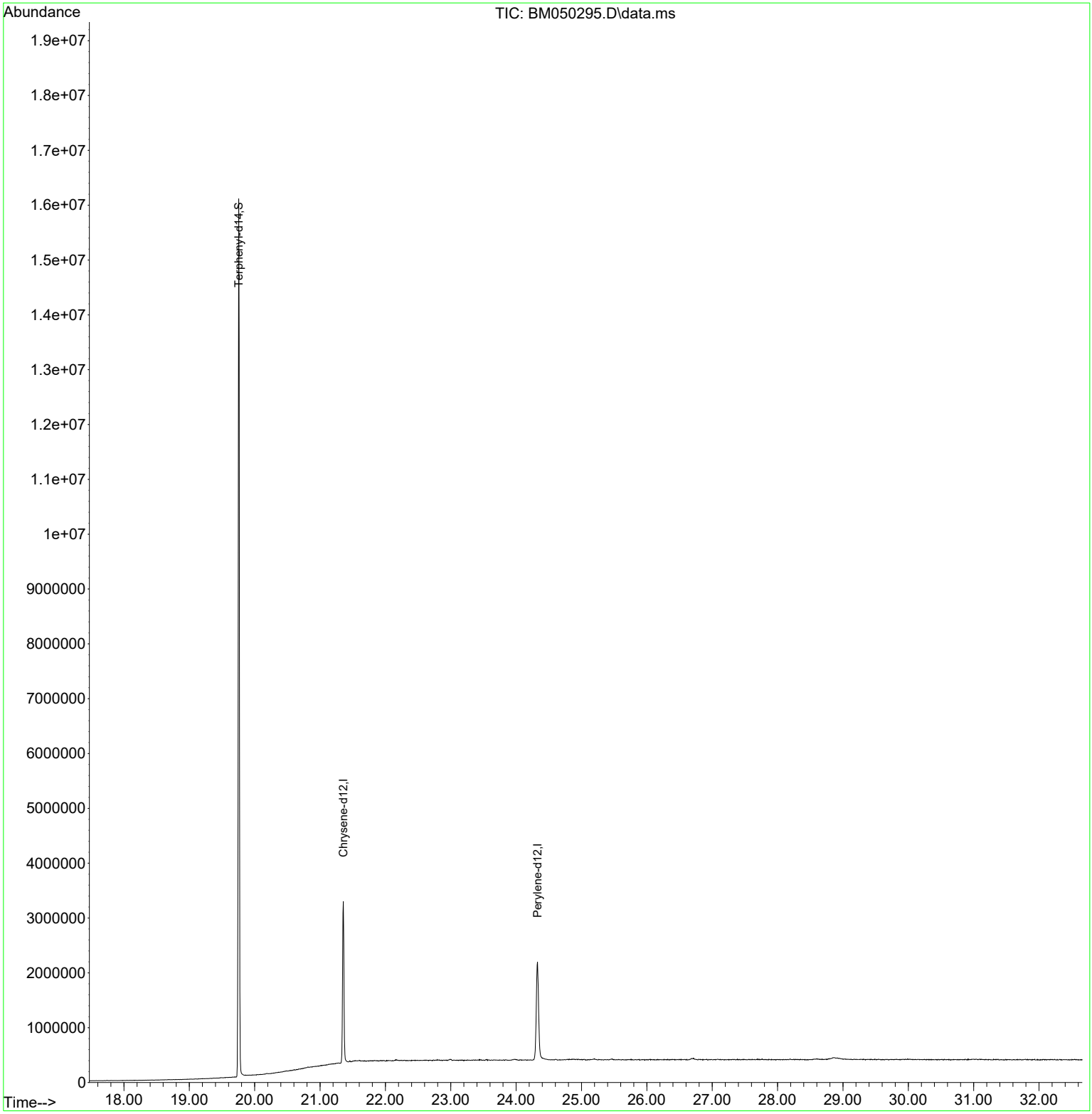
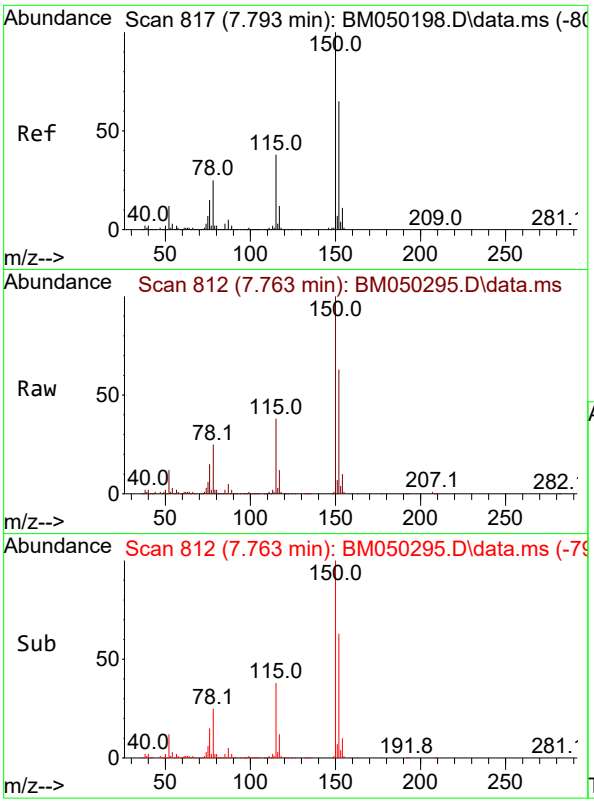


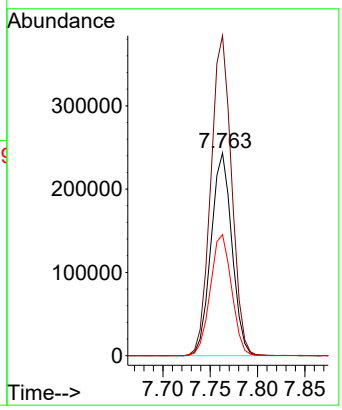


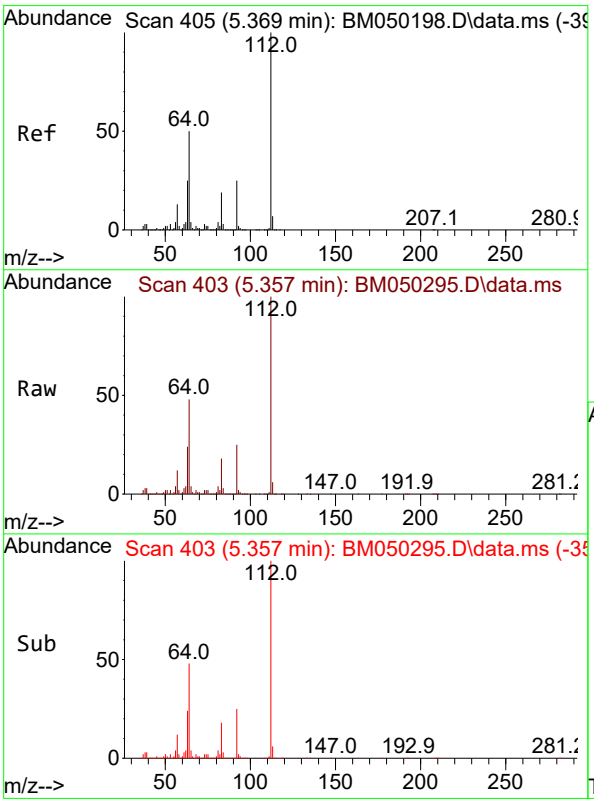
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 8
Delta R.T. -0.006 min
Lab File: BM050295.D
Acq: 12 Jun 2025 05:10

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 374014

Ion	Ratio	Lower	Upper
152	100		
150	157.8	122.2	183.4
115	59.8	46.3	69.5

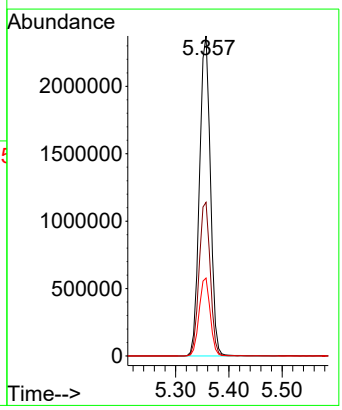


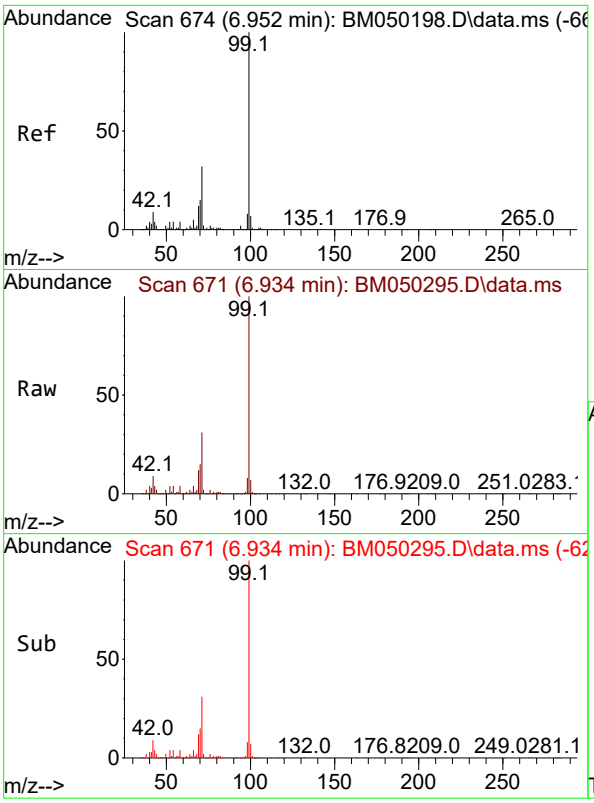


#5
2-Fluorophenol
Concen: 150.578 ng
RT: 5.357 min Scan# 403
Delta R.T. -0.000 min
Lab File: BM050295.D
Acq: 12 Jun 2025 05:10

Tgt Ion:112 Resp: 3376105

Ion	Ratio	Lower	Upper
112	100		
64	48.0	39.8	59.6
63	24.4	19.8	29.8



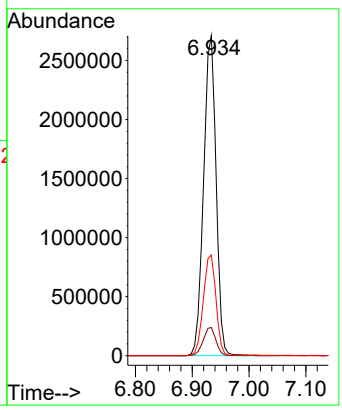


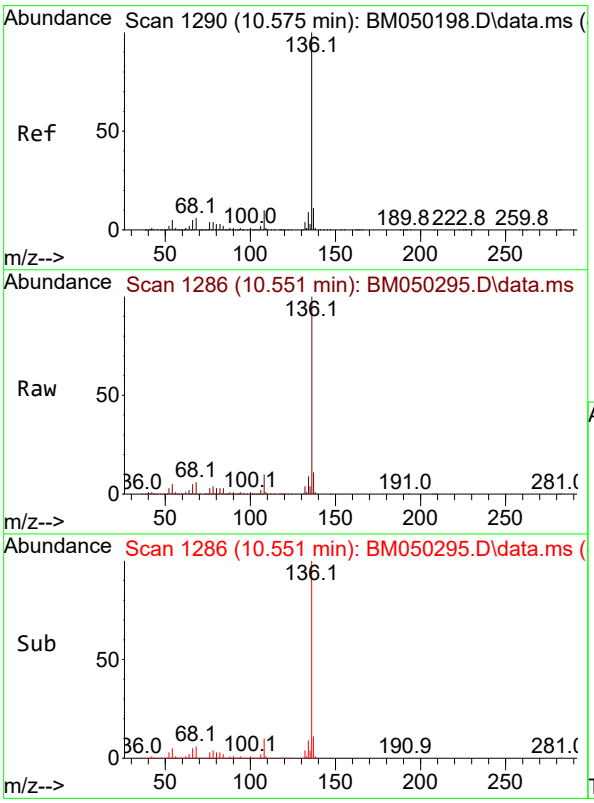
#7
Phenol-d6
Concen: 139.977 ng
RT: 6.934 min Scan# 6
Delta R.T. -0.000 min
Lab File: BM050295.D
Acq: 12 Jun 2025 05:10

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 99 Resp: 4131453

Ion	Ratio	Lower	Upper
99	100		
42	8.8	6.9	10.3
71	31.5	25.3	37.9

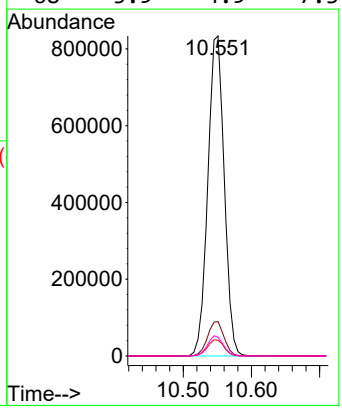


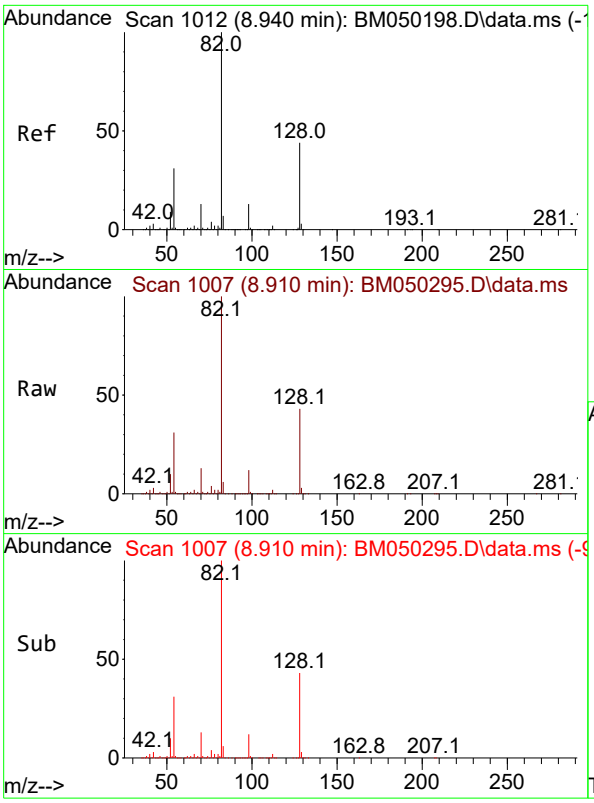


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.551 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BM050295.D
Acq: 12 Jun 2025 05:10

Tgt Ion:136 Resp: 1396895

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	4.9	3.8	5.8
68	5.9	4.9	7.3



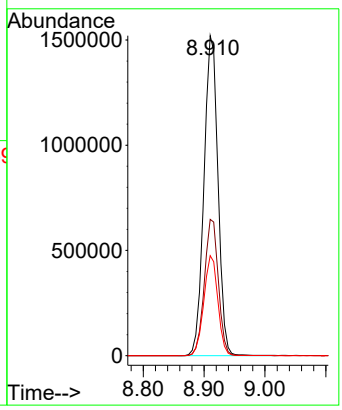


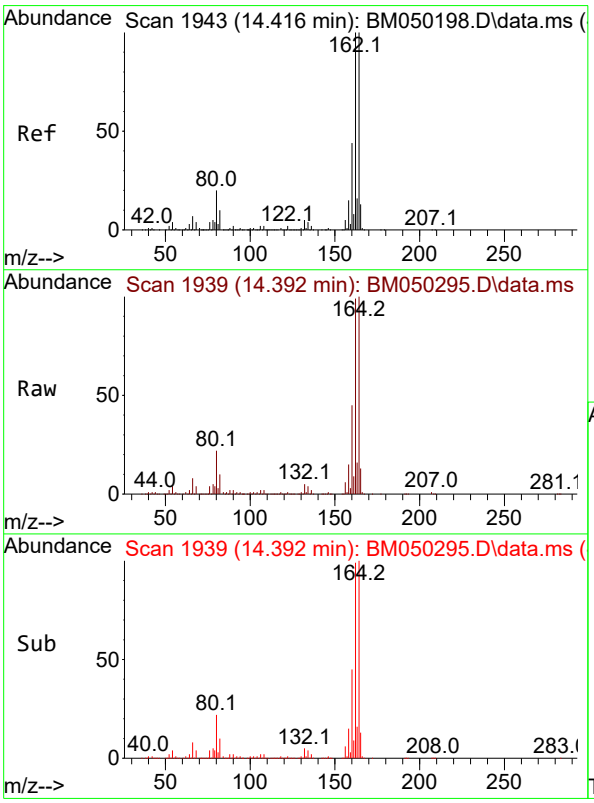
#23
Nitrobenzene-d5
Concen: 90.731 ng
RT: 8.910 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050295.D
Acq: 12 Jun 2025 05:10

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 82 Resp: 2436953

Ion	Ratio	Lower	Upper
82	100		
128	42.6	35.2	52.8
54	31.3	24.5	36.7

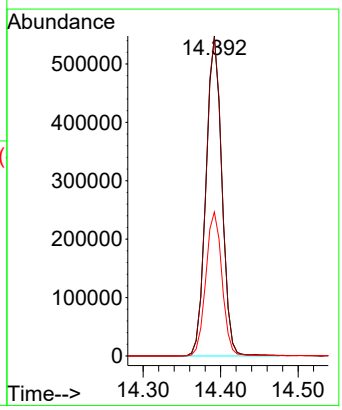


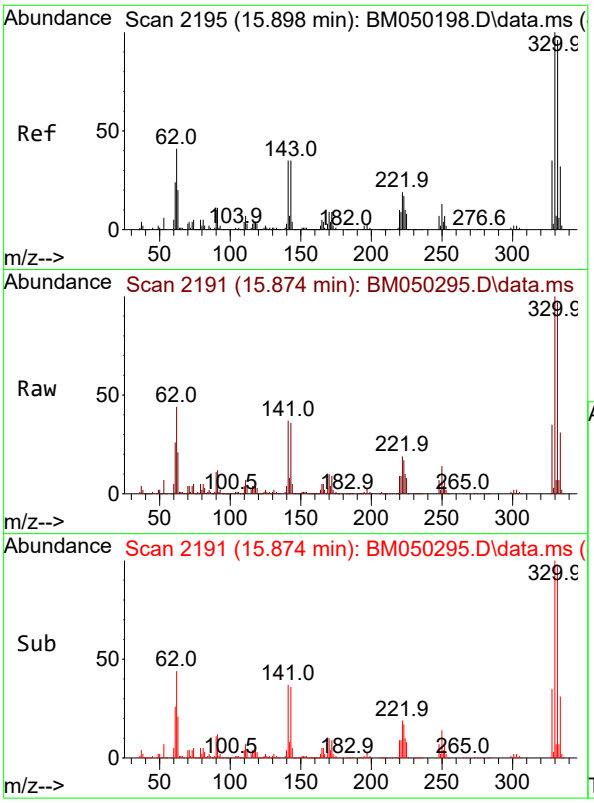


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1939
Delta R.T. -0.006 min
Lab File: BM050295.D
Acq: 12 Jun 2025 05:10

Tgt Ion:164 Resp: 776202

Ion	Ratio	Lower	Upper
164	100		
162	99.5	80.2	120.4
160	45.0	35.7	53.5



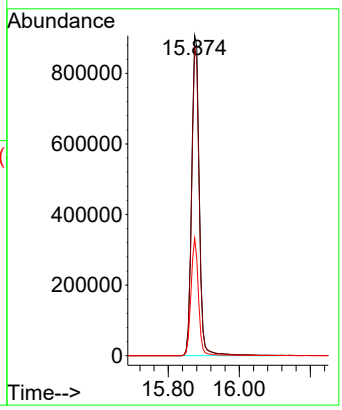


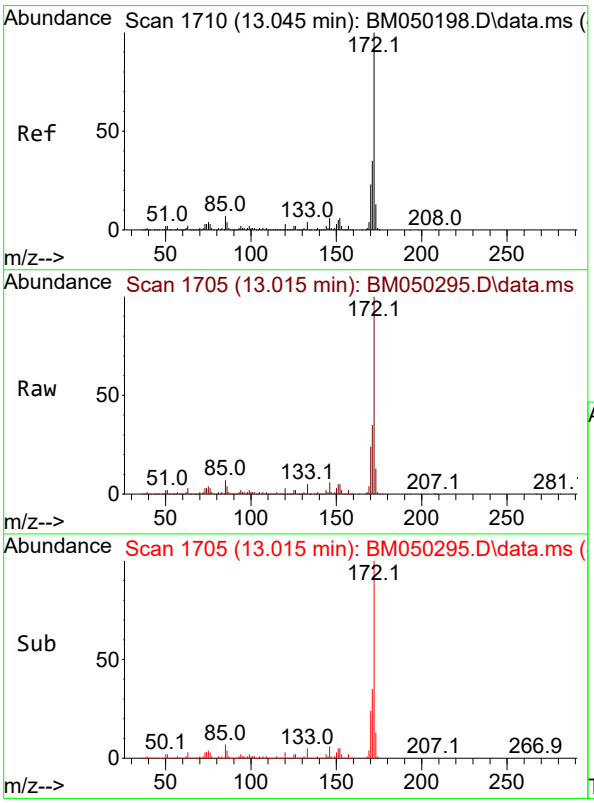
#42
2,4,6-Tribromophenol
Concen: 152.801 ng
RT: 15.874 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM050295.D
Acq: 12 Jun 2025 05:10

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:330 Resp: 1349043

Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.5	116.3
141	35.9	28.8	43.2

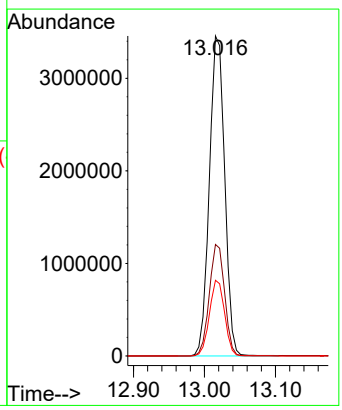


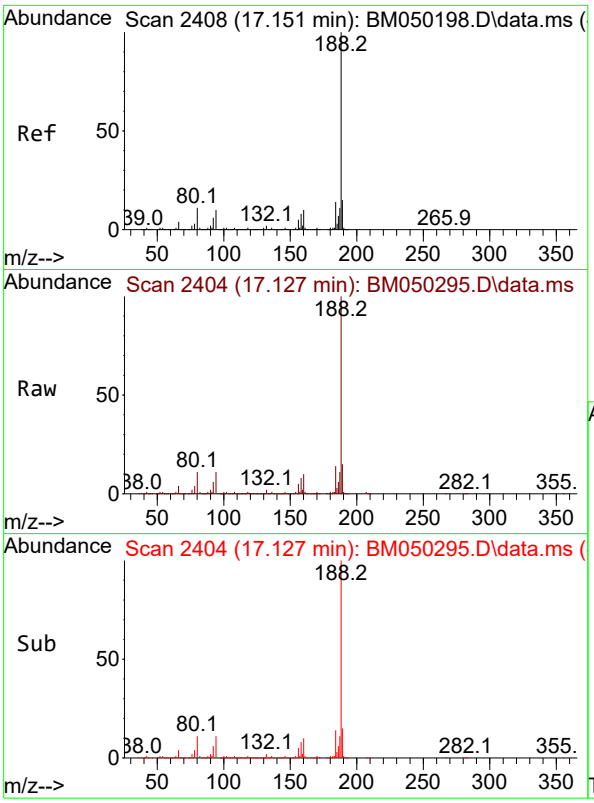


#45
2-Fluorobiphenyl
Concen: 90.628 ng
RT: 13.015 min Scan# 1705
Delta R.T. -0.012 min
Lab File: BM050295.D
Acq: 12 Jun 2025 05:10

Tgt Ion:172 Resp: 5195965

Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.8	41.6
170	23.7	18.6	27.8



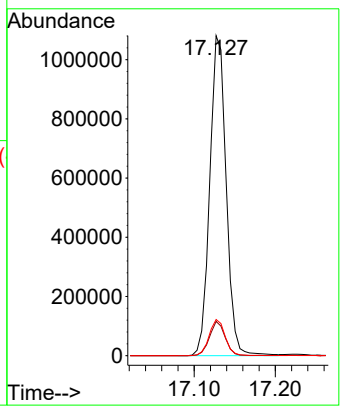


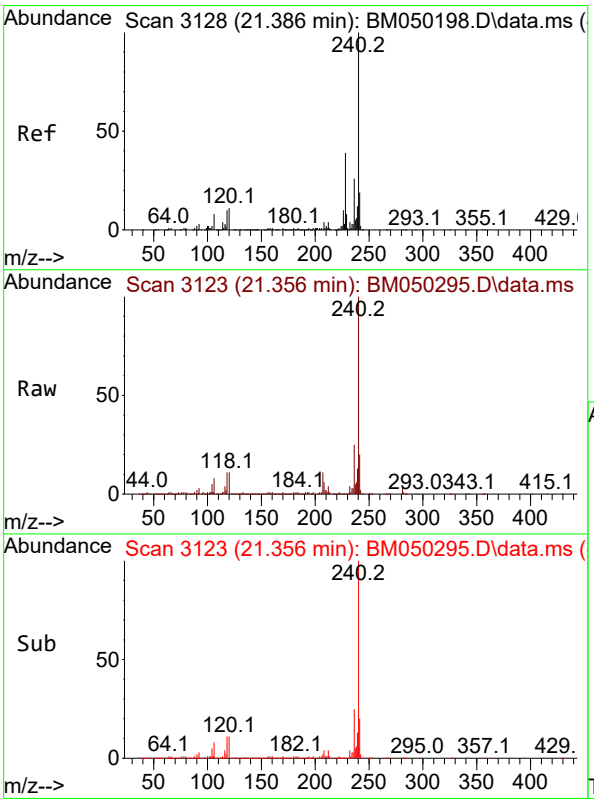
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.127 min Scan# 24
Delta R.T. -0.012 min
Lab File: BM050295.D
Acq: 12 Jun 2025 05:10

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:188 Resp: 1516518

Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.1	12.1
80	11.3	8.6	13.0

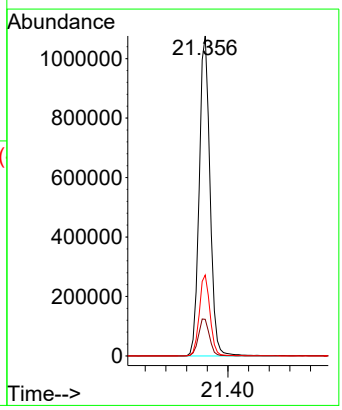


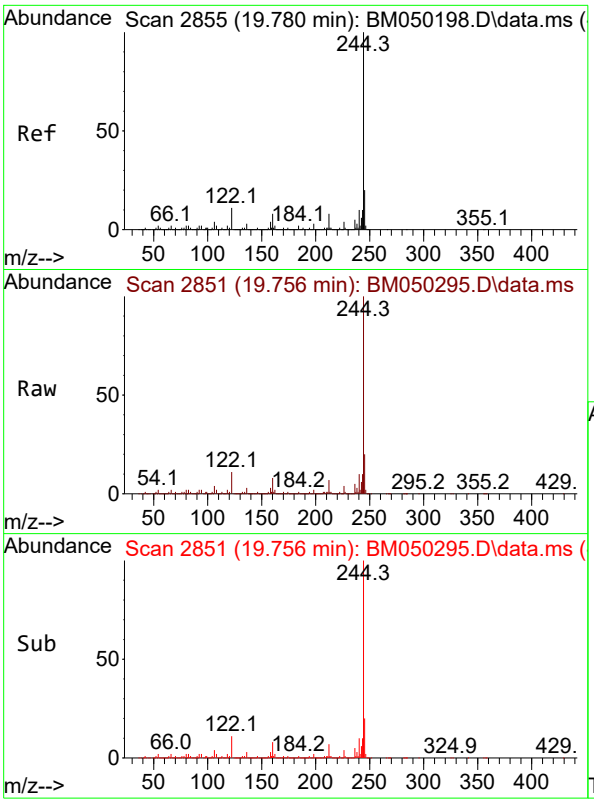


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.356 min Scan# 3123
Delta R.T. -0.018 min
Lab File: BM050295.D
Acq: 12 Jun 2025 05:10

Tgt Ion:240 Resp: 1557464

Ion	Ratio	Lower	Upper
240	100		
120	11.4	9.0	13.4
236	25.3	20.7	31.1



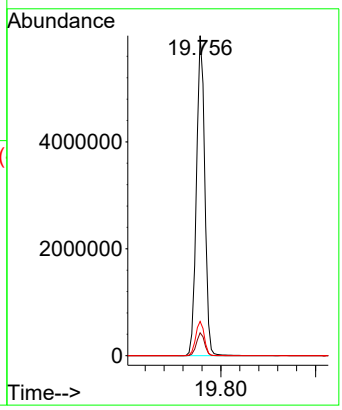


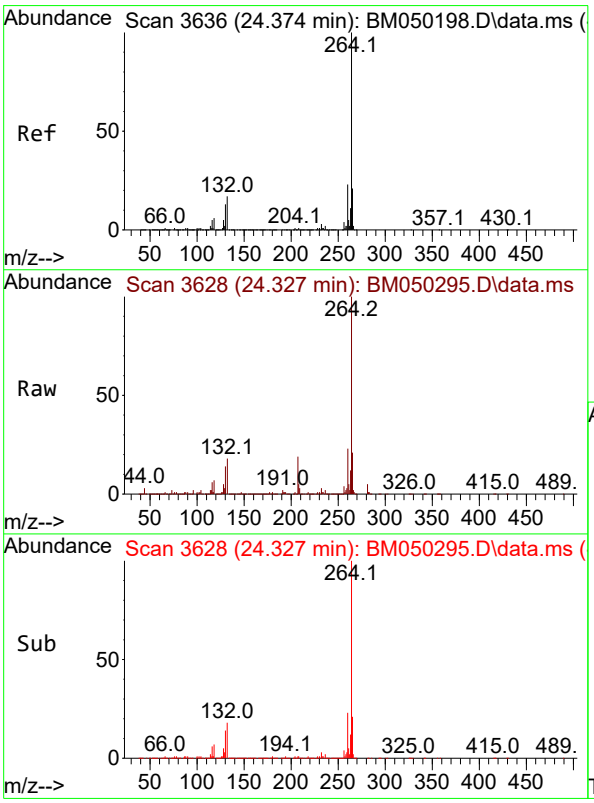
#79
Terphenyl-d14
Concen: 88.857 ng
RT: 19.756 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050295.D
Acq: 12 Jun 2025 05:10

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:244 Resp: 7302911

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	10.7	8.6	12.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.327 min Scan# 3628
Delta R.T. -0.018 min
Lab File: BM050295.D
Acq: 12 Jun 2025 05:10

Tgt Ion:264 Resp: 1641162

Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.6	28.0
265	21.2	16.8	25.2