Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051425\
Data File : BF142374.D
Acq On : 14 May 2025 19:10
Operator : RC/JU
Sample : Q2001-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-A1-05-C

Quant Time: May 15 01:03:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	193601	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	700965	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	431926	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	818404	20.000	ng	-0.01
76) Chrysene-d12	14.062	240	596538	20.000	ng	0.00
86) Perylene-d12	15.551	264	441966	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1259695	111.074	ng	0.02
7) Phenol-d6	6.522	99	1411892	101.221	ng	0.00
23) Nitrobenzene-d5	7.457	82	1014127	88.234	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	634559	152.166	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2154409	71.121	ng	0.00
79) Terphenyl-d14	13.015	244	2743992	68.083	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.216	128	8272033	243.490	ng	# 94
37) 2-Methylnaphthalene	8.898	142	1721647	81.556	ng	98
38) 1-Methylnaphthalene	8.998	142	1255737	57.073	ng	100
46) 1,1'-Biphenyl	9.357	154	242762	7.330	ng	98
52) Acenaphthene	9.969	154	730699	29.496	ng	98
58) Fluorene	10.480	166	335166	12.012	ng	100
71) Phenanthrene	11.445	178	535570	12.485	ng	99
72) Anthracene	11.498	178	105212	2.387	ng	99
73) Carbazole	11.651	167	122247	3.091	ng	99
77) Benzidine	12.757	184	467773	43.149	ng	98

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051425\
Data File : BF142374.D
Acq On : 14 May 2025 19:10
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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-A1-05-C

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
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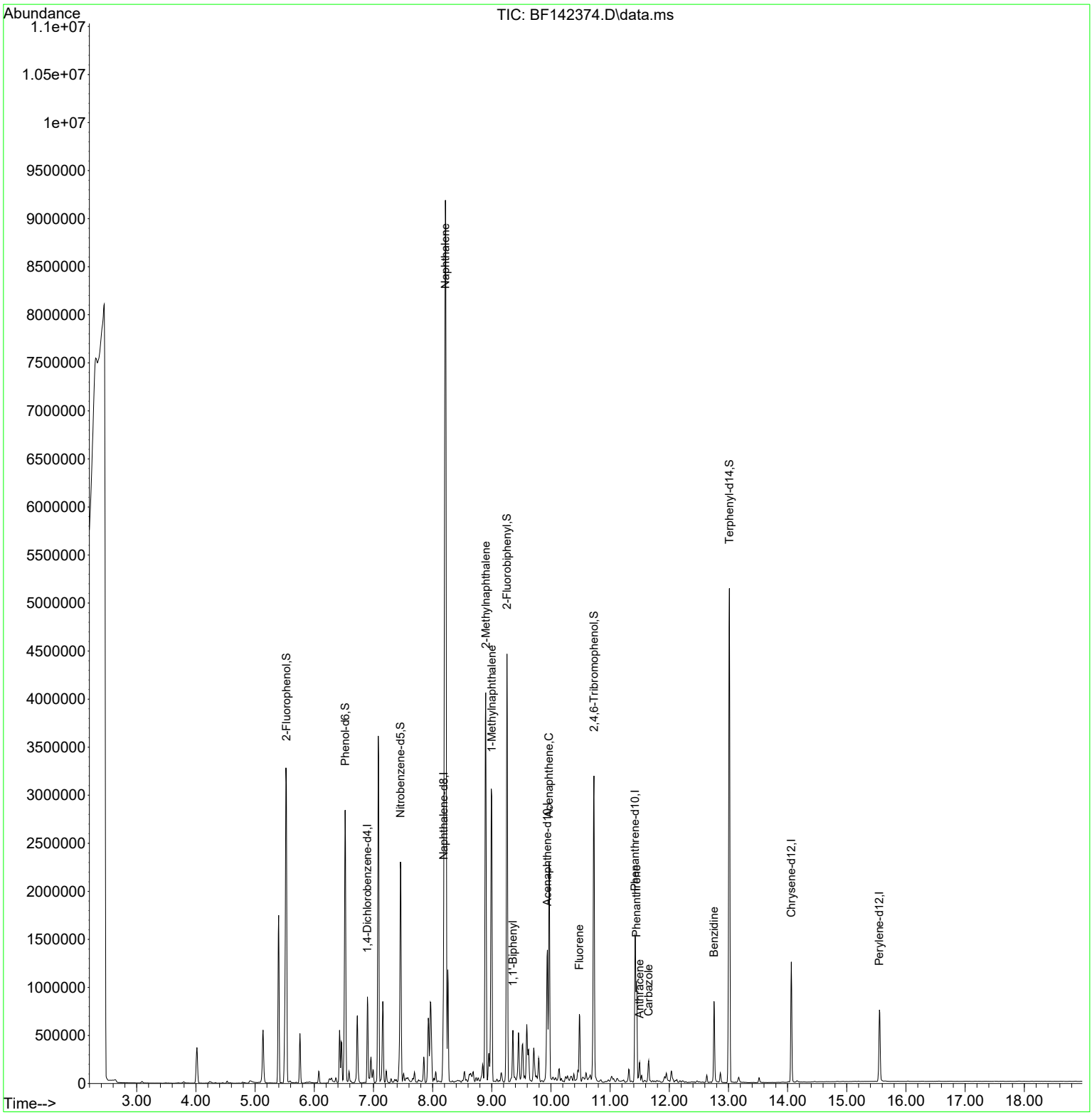
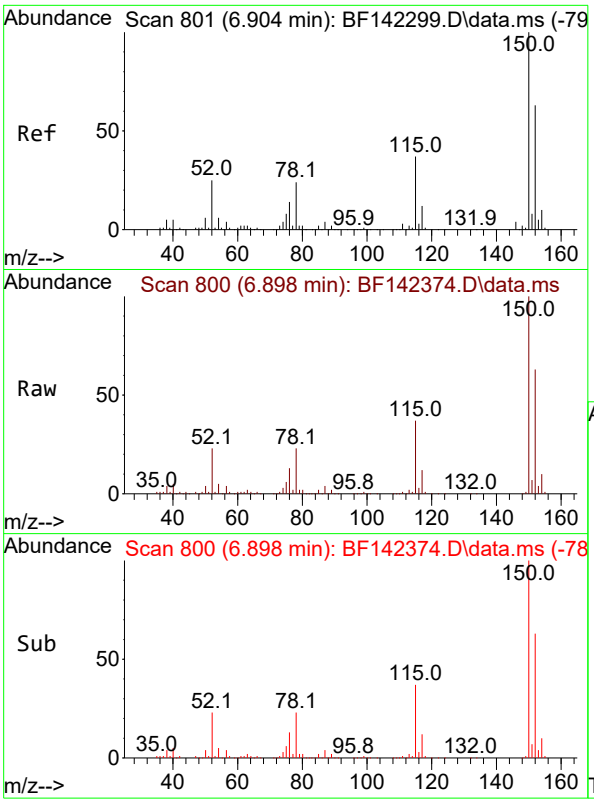


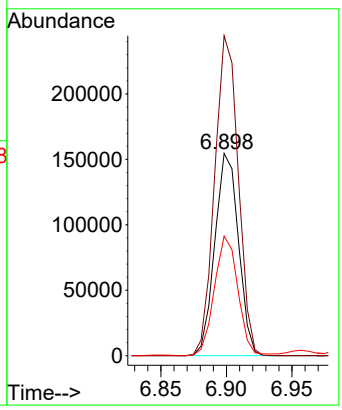


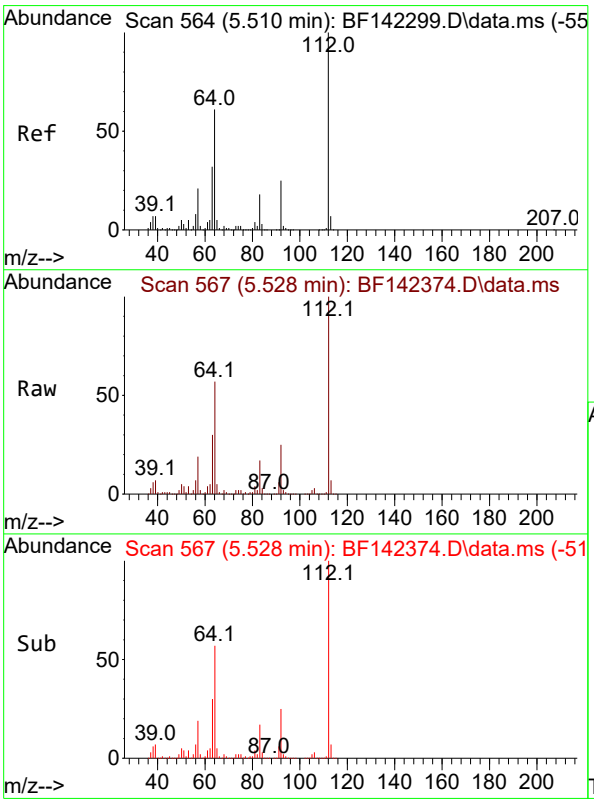
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142374.D
Acq: 14 May 2025 19:10

Instrument :
BNA_F
ClientSampleId :
WC-A1-05-C

Tgt Ion:152 Resp: 193601

Ion	Ratio	Lower	Upper
152	100		
150	158.3	126.6	190.0
115	59.1	47.3	70.9

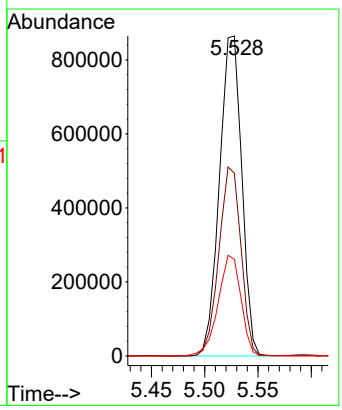


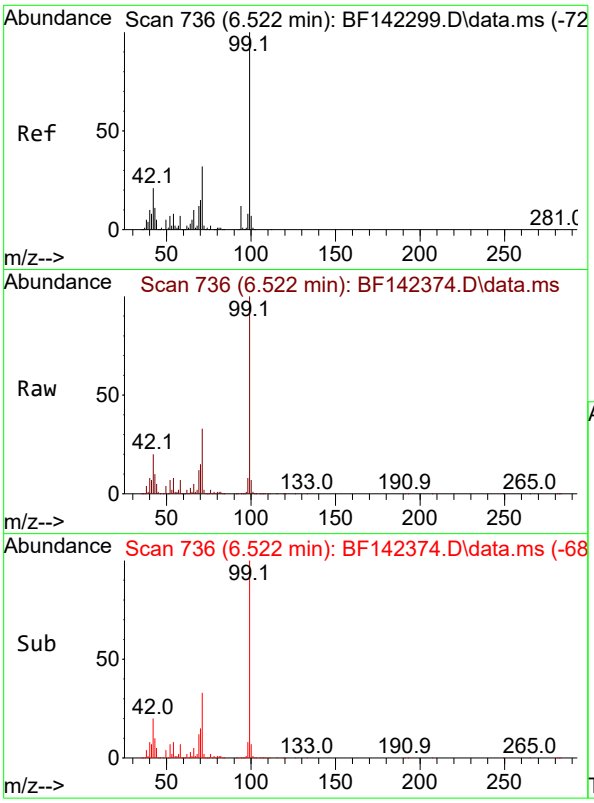


#5
2-Fluorophenol
Concen: 111.074 ng
RT: 5.528 min Scan# 567
Delta R.T. 0.017 min
Lab File: BF142374.D
Acq: 14 May 2025 19:10

Tgt Ion:112 Resp: 1259695

Ion	Ratio	Lower	Upper
112	100		
64	57.1	48.9	73.3
63	30.3	25.6	38.4



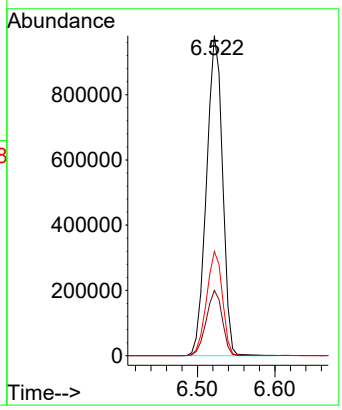


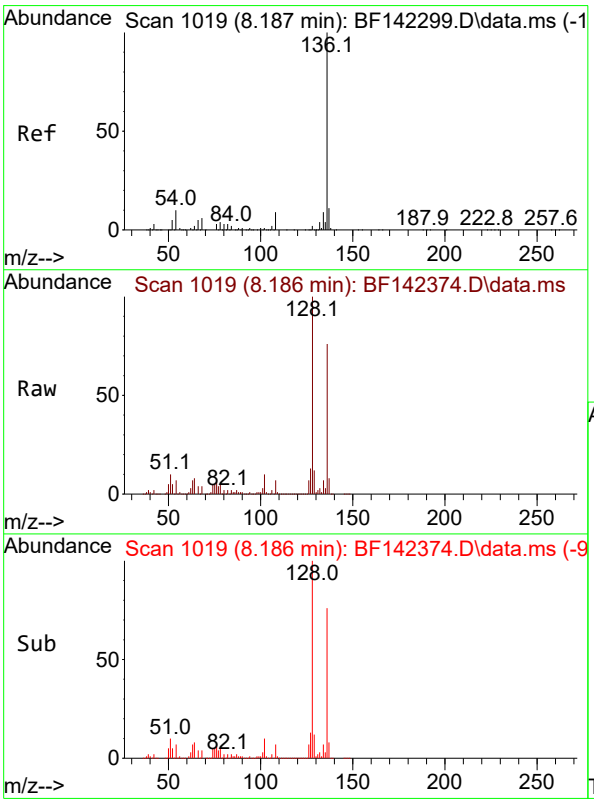
#7
Phenol-d6
Concen: 101.221 ng
RT: 6.522 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF142374.D
Acq: 14 May 2025 19:10

Instrument :
BNA_F
ClientSampleId :
WC-A1-05-C

Tgt Ion: 99 Resp: 1411892

Ion	Ratio	Lower	Upper
99	100		
42	20.4	17.0	25.4
71	32.6	25.8	38.8

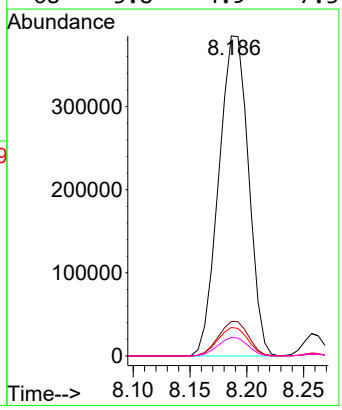


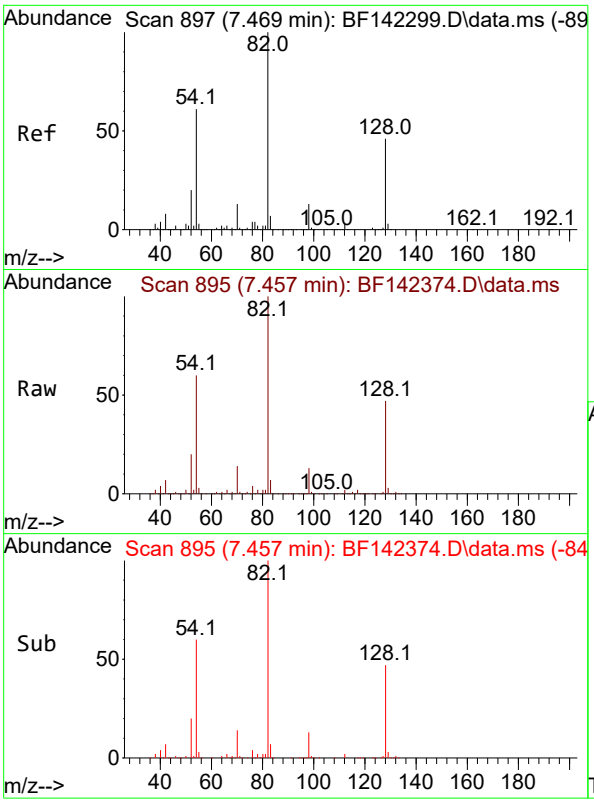


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF142374.D
Acq: 14 May 2025 19:10

Tgt Ion:136 Resp: 700965

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.9	7.7	11.5
68	5.8	4.9	7.3



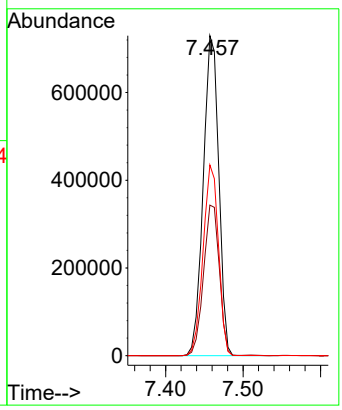


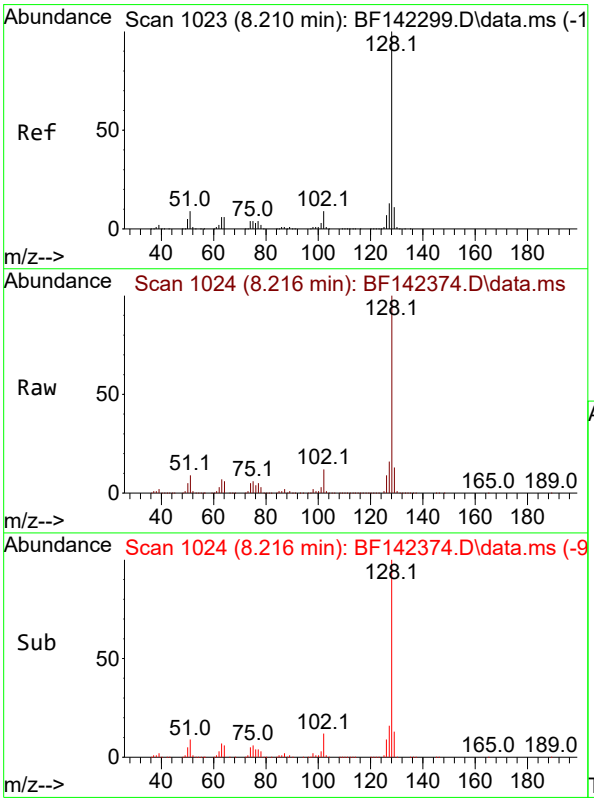
#23
Nitrobenzene-d5
Concen: 88.234 ng
RT: 7.457 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF142374.D
Acq: 14 May 2025 19:10

Instrument :
BNA_F
ClientSampleId :
WC-A1-05-C

Tgt Ion: 82 Resp: 1014127

Ion	Ratio	Lower	Upper
82	100		
128	47.0	37.0	55.6
54	59.6	48.6	73.0

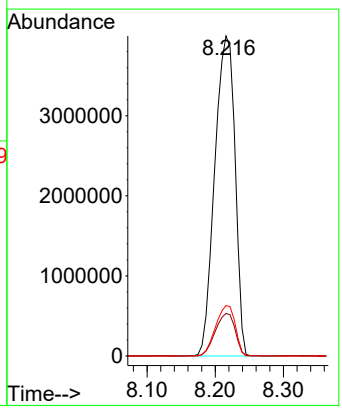


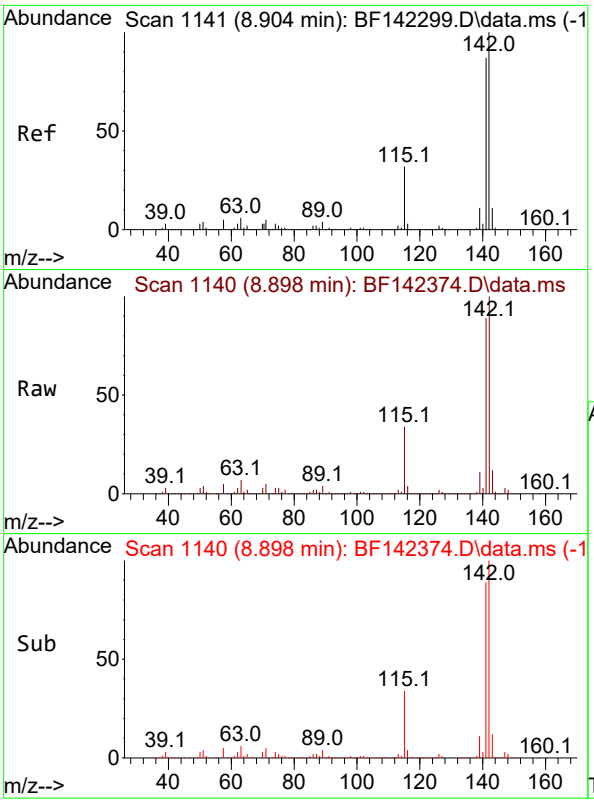


#31
Naphthalene
Concen: 243.490 ng
RT: 8.216 min Scan# 1024
Delta R.T. 0.006 min
Lab File: BF142374.D
Acq: 14 May 2025 19:10

Tgt Ion:128 Resp: 8272033

Ion	Ratio	Lower	Upper
128	100		
129	13.3	9.1	13.7
127	15.7	10.5	15.7#



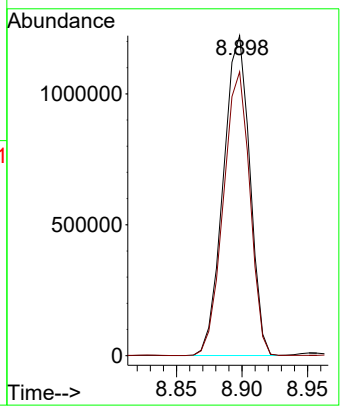


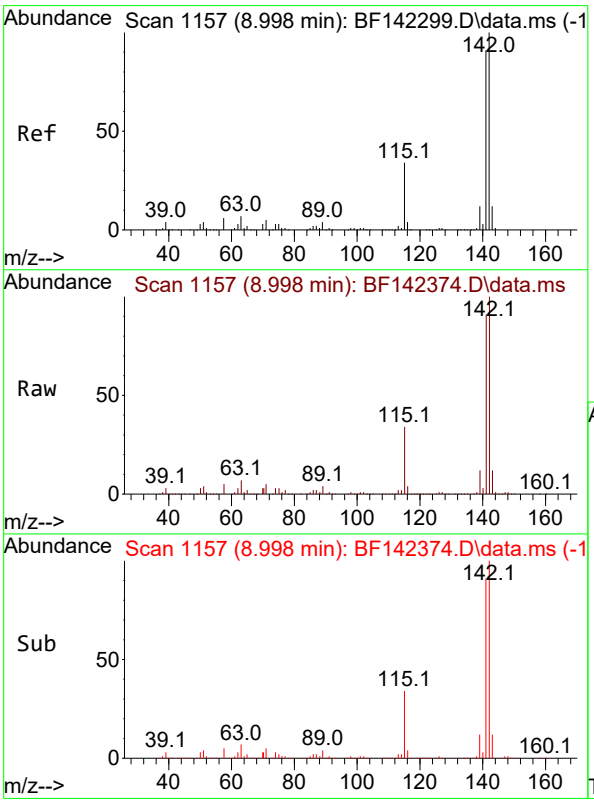
#37
2-Methylnaphthalene
Concen: 81.556 ng
RT: 8.898 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142374.D
Acq: 14 May 2025 19:10

Instrument :
BNA_F
ClientSampleId :
WC-A1-05-C

Tgt Ion:142 Resp: 1721647

Ion	Ratio	Lower	Upper
142	100		
141	88.7	69.4	104.2

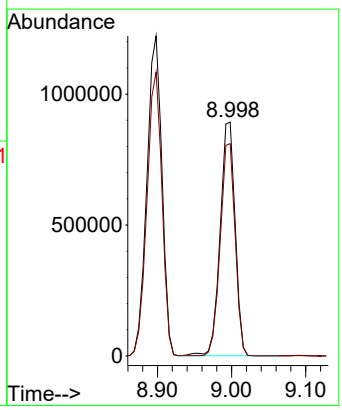


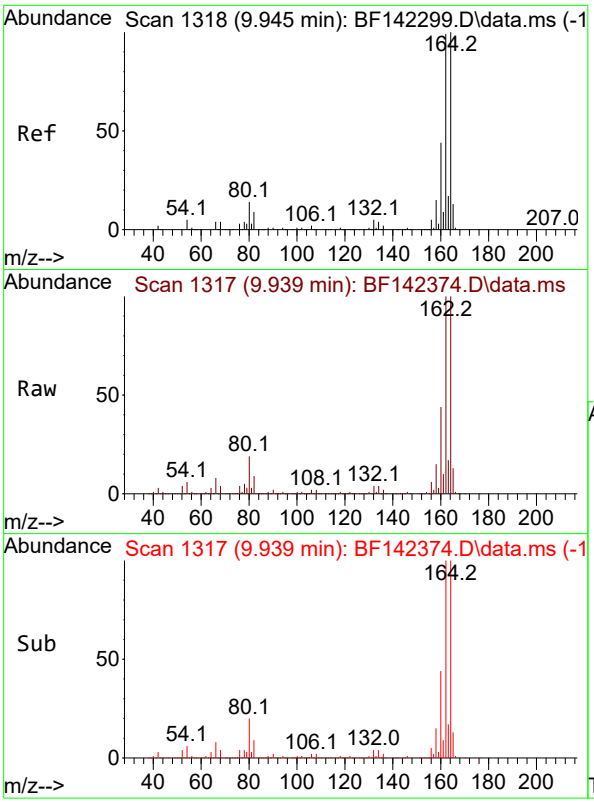


#38
1-Methylnaphthalene
Concen: 57.073 ng
RT: 8.998 min Scan# 1157
Delta R.T. -0.000 min
Lab File: BF142374.D
Acq: 14 May 2025 19:10

Tgt Ion:142 Resp: 1255737

Ion	Ratio	Lower	Upper
142	100		
141	90.8	72.5	108.7



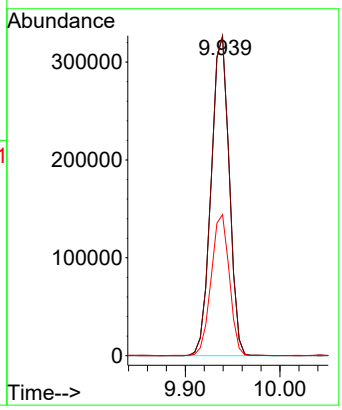


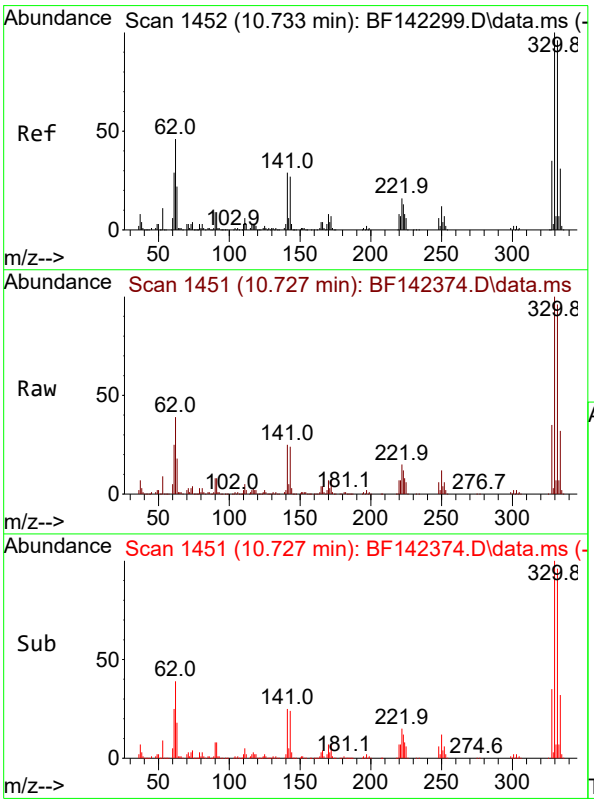
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142374.D
Acq: 14 May 2025 19:10

Instrument :
BNA_F
ClientSampleId :
WC-A1-05-C

Tgt Ion:164 Resp: 431926

Ion	Ratio	Lower	Upper
164	100		
162	100.3	79.2	118.8
160	44.2	35.3	52.9

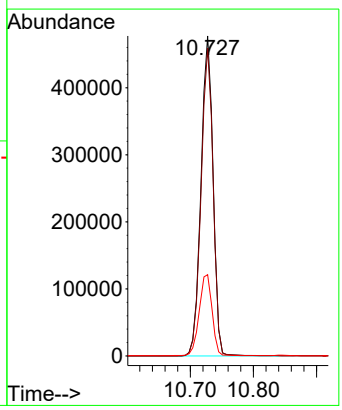


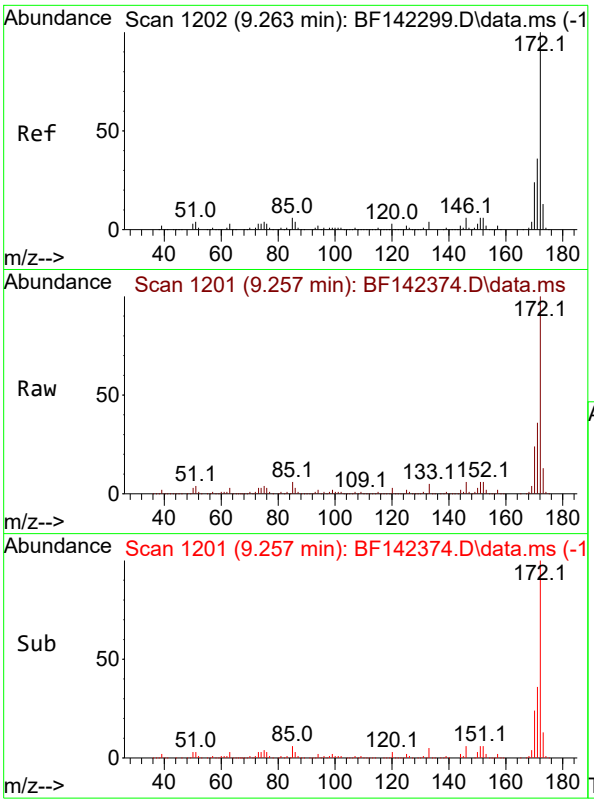


#42
2,4,6-Tribromophenol
Concen: 152.166 ng
RT: 10.727 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF142374.D
Acq: 14 May 2025 19:10

Tgt Ion:330 Resp: 634559

Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.8	115.2
141	27.0	24.9	37.3



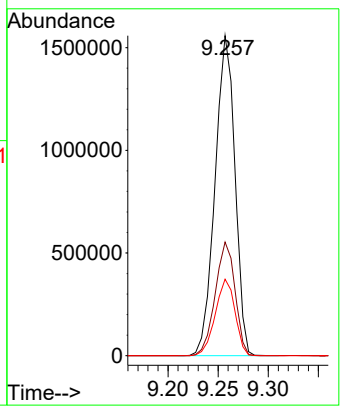


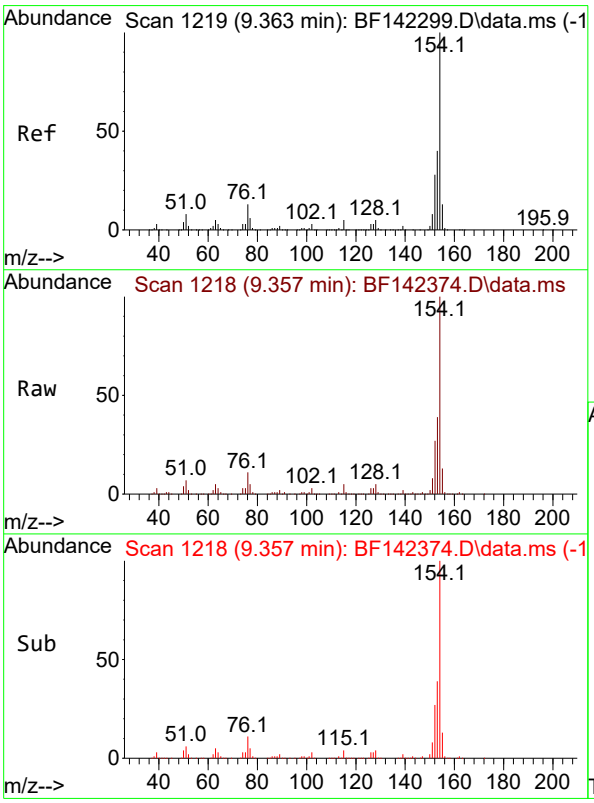
#45
2-Fluorobiphenyl
Concen: 71.121 ng
RT: 9.257 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142374.D
Acq: 14 May 2025 19:10

Instrument :
BNA_F
ClientSampleId :
WC-A1-05-C

Tgt Ion:172 Resp: 2154409

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.6	42.8
170	23.9	19.0	28.4

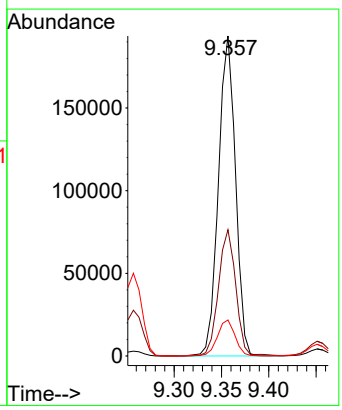


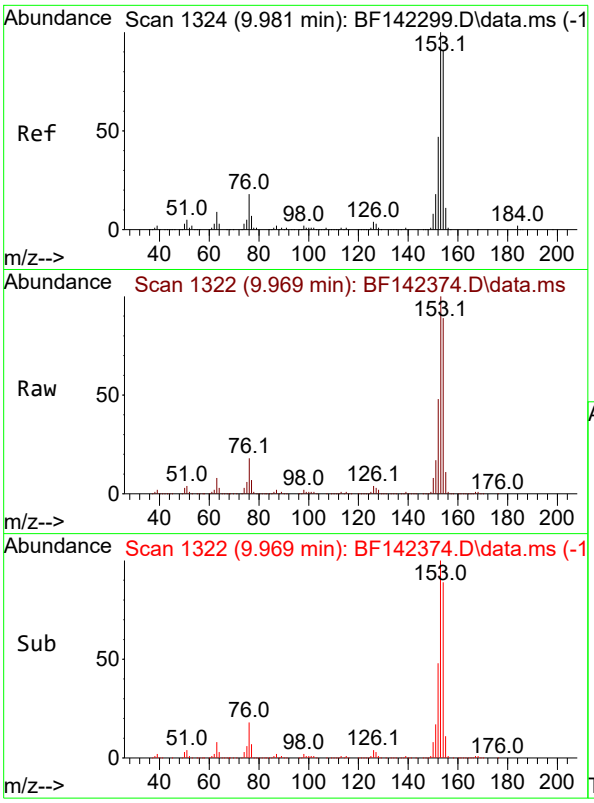


#46
1,1'-Biphenyl
Concen: 7.330 ng
RT: 9.357 min Scan# 1218
Delta R.T. -0.006 min
Lab File: BF142374.D
Acq: 14 May 2025 19:10

Tgt Ion:154 Resp: 242762

Ion	Ratio	Lower	Upper
154	100		
153	39.4	20.5	60.5
76	11.2	0.0	32.8



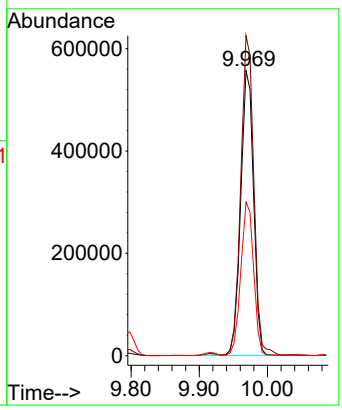


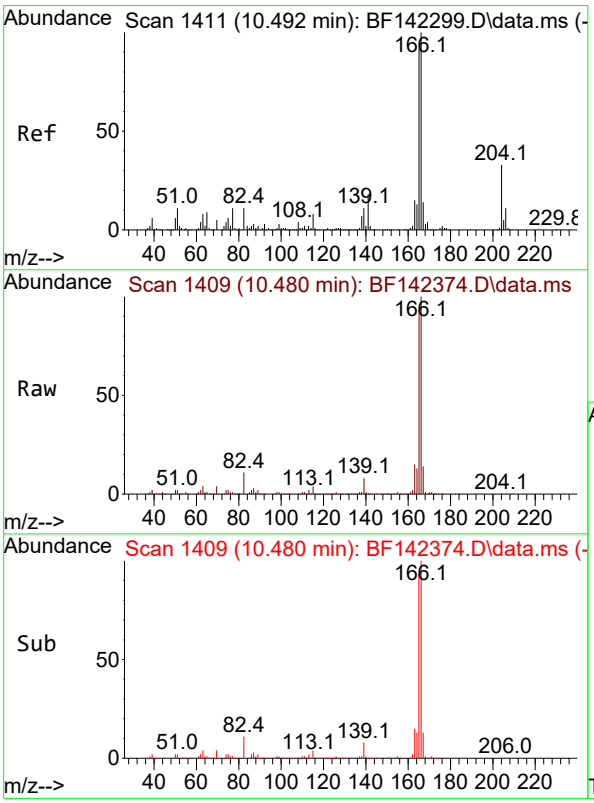
#52
Acenaphthene
Concen: 29.496 ng
RT: 9.969 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142374.D
Acq: 14 May 2025 19:10

Instrument :
BNA_F
ClientSampleId :
WC-A1-05-C

Tgt Ion:154 Resp: 730699

Ion	Ratio	Lower	Upper
154	100		
153	112.3	88.0	132.0
152	53.8	41.6	62.4

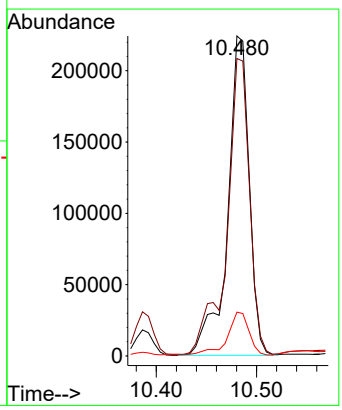


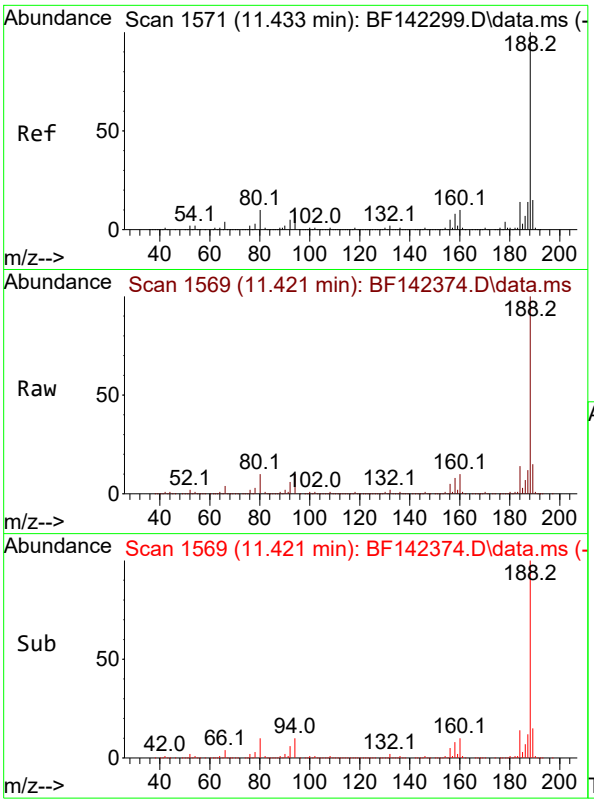


#58
Fluorene
Concen: 12.012 ng
RT: 10.480 min Scan# 1409
Delta R.T. -0.012 min
Lab File: BF142374.D
Acq: 14 May 2025 19:10

Tgt Ion:166 Resp: 335166

Ion	Ratio	Lower	Upper
166	100		
165	93.0	74.0	111.0
167	13.7	10.9	16.3



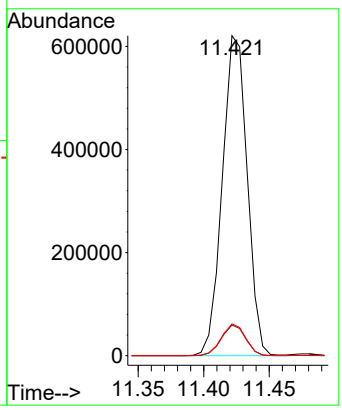


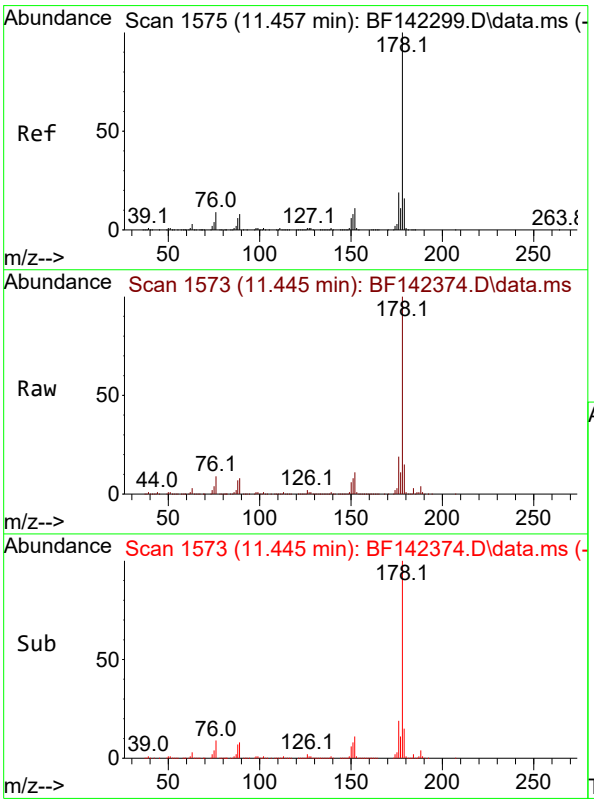
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.421 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142374.D
Acq: 14 May 2025 19:10

Instrument :
BNA_F
ClientSampleId :
WC-A1-05-C

Tgt Ion:188 Resp: 818404

Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.5	11.3
80	10.0	7.9	11.9

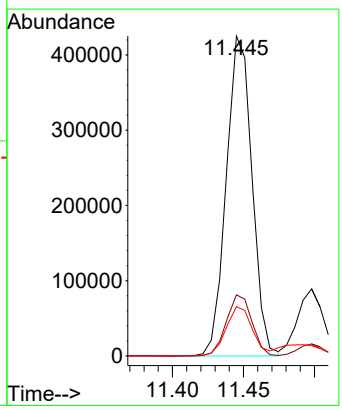


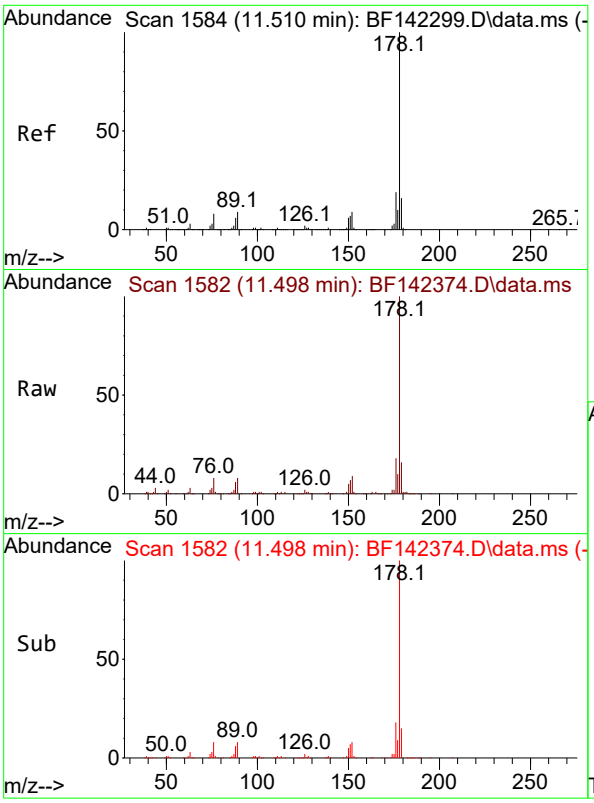


#71
Phenanthrene
Concen: 12.485 ng
RT: 11.445 min Scan# 1573
Delta R.T. -0.012 min
Lab File: BF142374.D
Acq: 14 May 2025 19:10

Tgt Ion:178 Resp: 535570

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.5	23.3
179	15.4	12.6	18.8



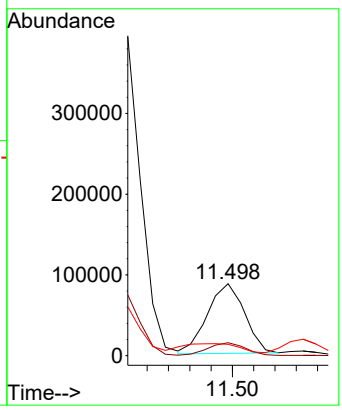


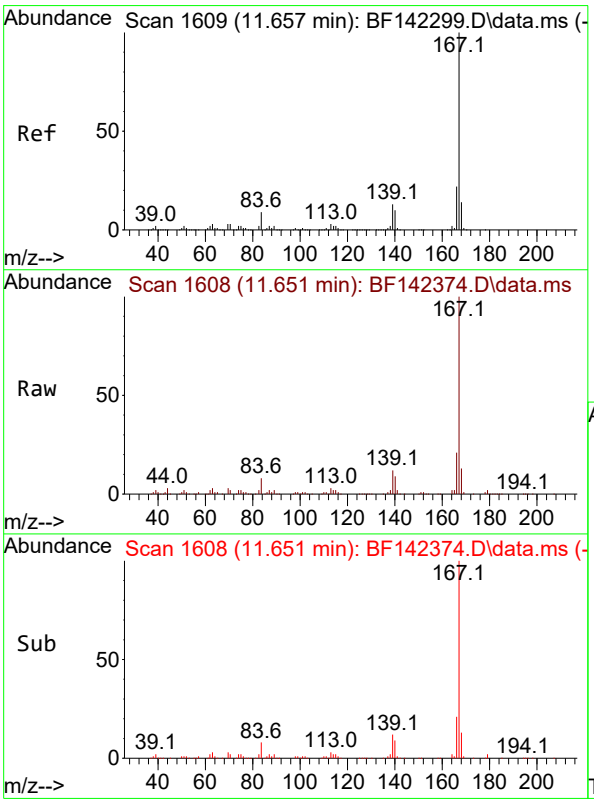
#72
Anthracene
Concen: 2.387 ng
RT: 11.498 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142374.D
Acq: 14 May 2025 19:10

Instrument :
BNA_F
ClientSampleId :
WC-A1-05-C

Tgt Ion:178 Resp: 105212

Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.3	22.9
179	15.8	12.6	18.8

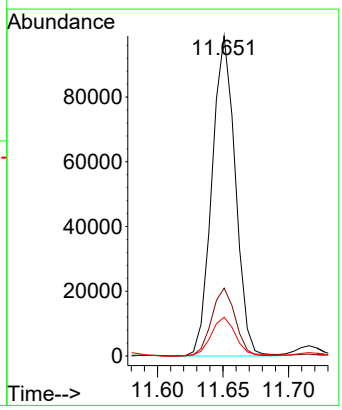


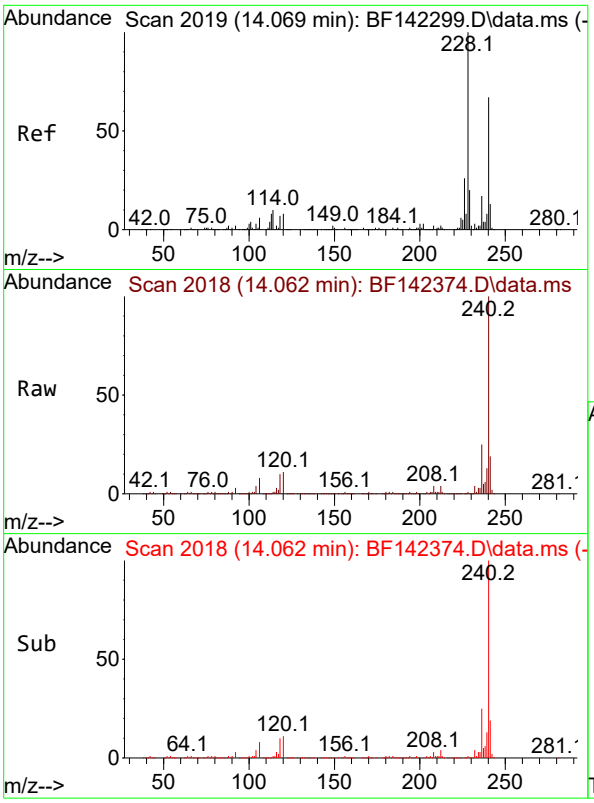


#73
Carbazole
Concen: 3.091 ng
RT: 11.651 min Scan# 1608
Delta R.T. -0.006 min
Lab File: BF142374.D
Acq: 14 May 2025 19:10

Tgt Ion:167 Resp: 122247

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.2	25.8
139	12.1	10.3	15.5



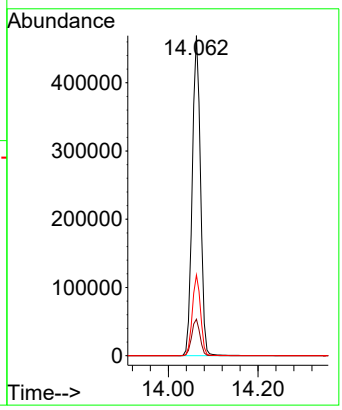


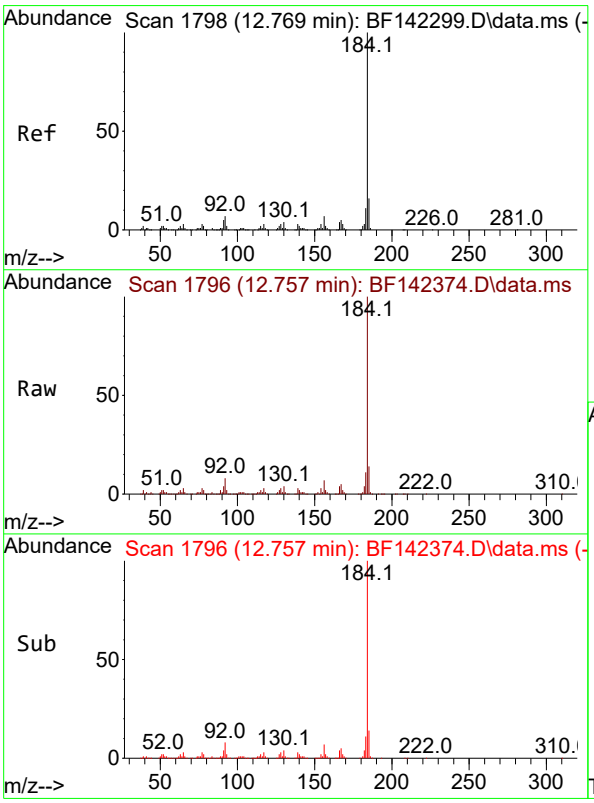
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.062 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142374.D
Acq: 14 May 2025 19:10

Instrument :
BNA_F
ClientSampleId :
WC-A1-05-C

Tgt Ion:240 Resp: 596538

Ion	Ratio	Lower	Upper
240	100		
120	11.4	9.7	14.5
236	25.2	20.0	30.0

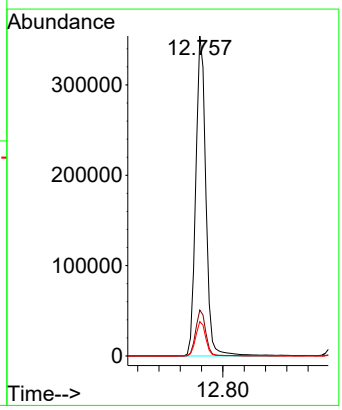


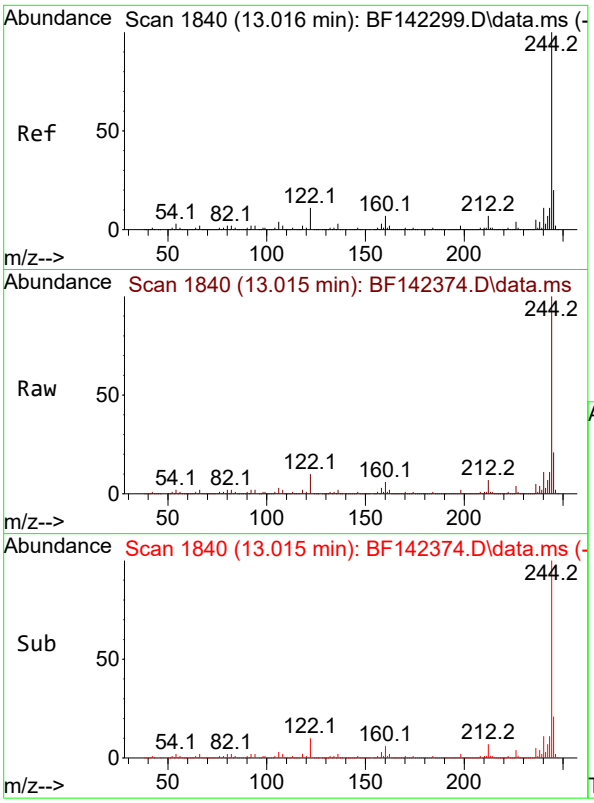


#77
Benzidine
Concen: 43.149 ng
RT: 12.757 min Scan# 1796
Delta R.T. -0.012 min
Lab File: BF142374.D
Acq: 14 May 2025 19:10

Tgt Ion:184 Resp: 467773

Ion	Ratio	Lower	Upper
184	100		
185	14.4	12.6	18.8
183	10.7	8.6	12.8



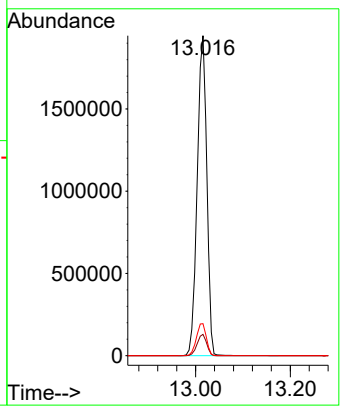


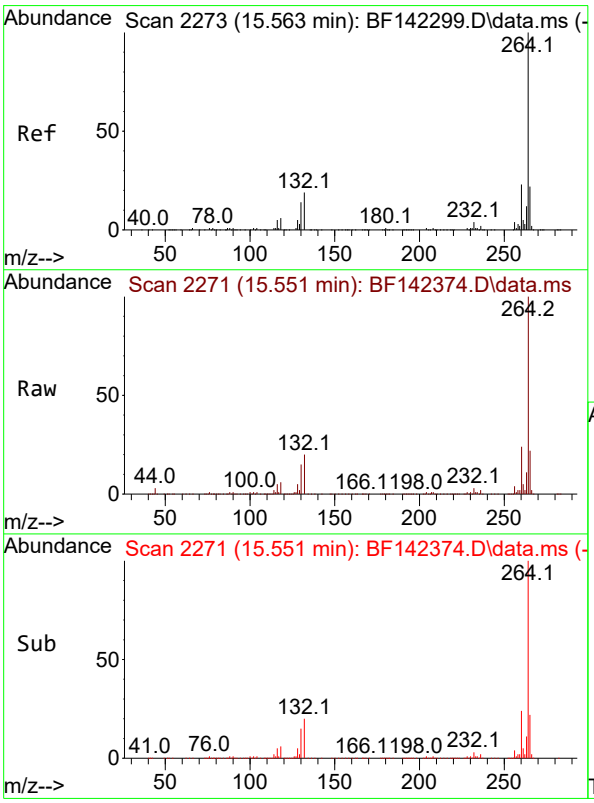
#79
Terphenyl-d14
Concen: 68.083 ng
RT: 13.015 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142374.D
Acq: 14 May 2025 19:10

Instrument :
BNA_F
ClientSampleId :
WC-A1-05-C

Tgt Ion:244 Resp: 2743992

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.2
122	10.0	9.0	13.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 2271
Delta R.T. -0.012 min
Lab File: BF142374.D
Acq: 14 May 2025 19:10

Tgt Ion:264 Resp: 441966

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.6	27.8
265	21.7	17.5	26.3