Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051925\
Data File : BP024696.D
Acq On : 19 May 2025 19:40
Operator : RC/JU
Sample : Q2067-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: May 20 03:46:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration

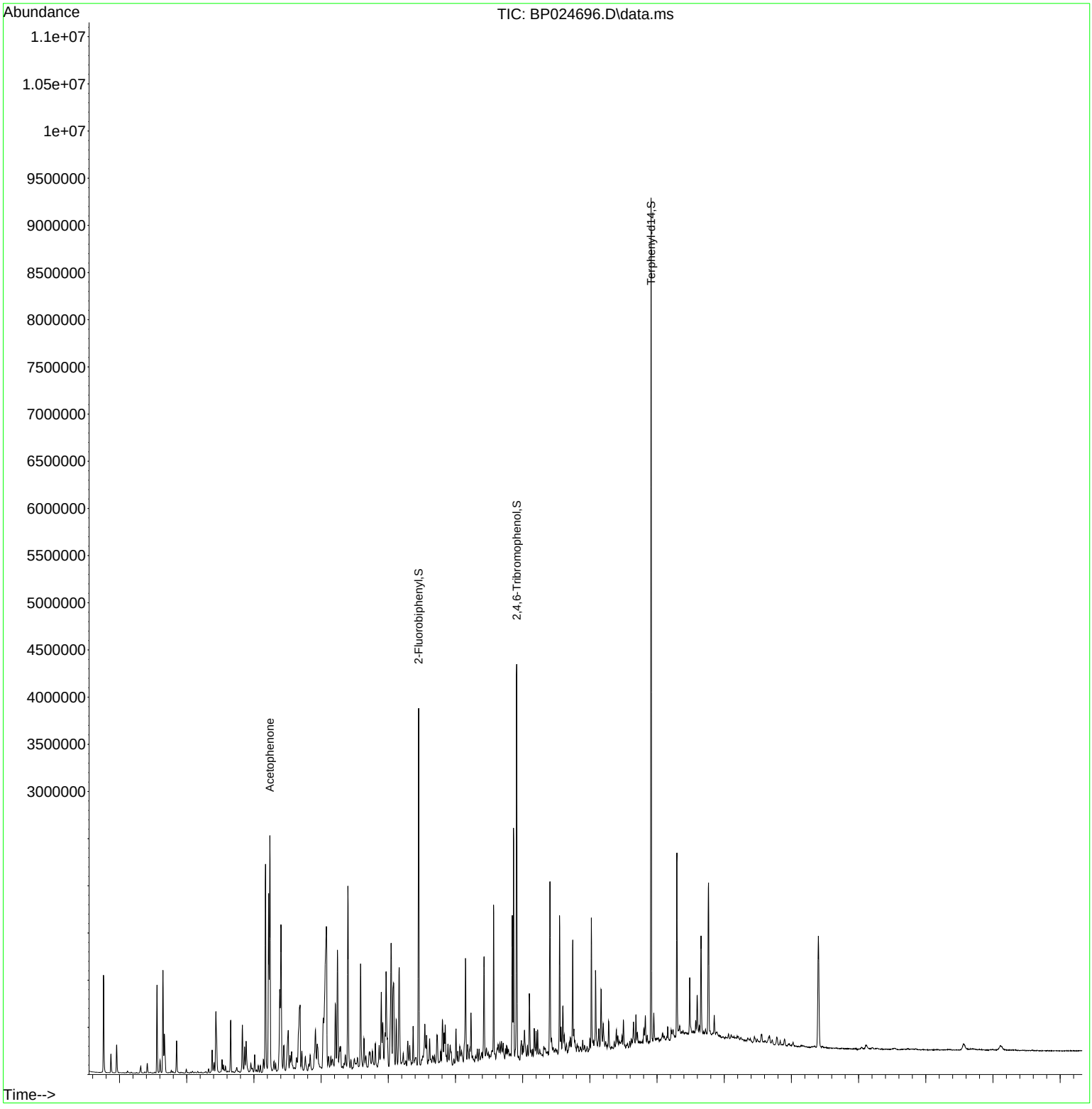
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.657	152	135379	20.000	ng		0.00
21) Naphthalene-d8	10.428	136	558037	20.000	ng		0.00
39) Acenaphthene-d10	14.298	164	375594	20.000	ng		0.00
64) Phenanthrene-d10	17.098	188	788156	20.000	ng		0.00
76) Chrysene-d12	21.533	240	1047049	20.000	ng		0.01
86) Perylene-d12	24.804	264	1155824	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.293	112	495403	62.589	ng		0.00
7) Phenol-d6	6.869	99	382330	37.847	ng		0.02
23) Nitrobenzene-d5	8.804	82	893899	80.936	ng		0.00
42) 2,4,6-Tribromophenol	15.822	330	932116	146.389	ng		0.01
45) 2-Fluorobiphenyl	12.904	172	1930557	67.341	ng		0.00
79) Terphenyl-d14	19.821	244	4036503	66.104	ng		0.01
Target Compounds							Qvalue
4) n-Nitrosodimethylamine	3.522	42	41971	11.536	ng	#	1
10) Phenol	6.893	94	89065	8.542	ng		94
15) Benzyl Alcohol	7.910	79	33205	4.325	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.346	45	26196	2.553	ng	#	1
17) 2-Methylphenol	8.346	107	709992	94.942	ng	#	22
18) Hexachloroethane	8.746	117	23450	5.886	ng	#	1
20) 3+4-Methylphenols	8.457	107	45194	4.443	ng	#	1
22) Acetophenone	8.475	105	1237431	88.772	ng	#	99
31) Naphthalene	10.475	128	188810	6.529	ng	#	97
32) Benzoic acid	9.663	122	16580	9.863	ng	#	32
37) 2-Methylnaphthalene	12.092	142	316675	16.912	ng		100
38) 1-Methylnaphthalene	12.316	142	288770	14.413	ng		99
46) 1,1'-Biphenyl	13.116	154	57770	2.081	ng		99
52) Acenaphthene	14.363	154	47286	2.322	ng		95
54) 2,4-Dinitrophenol	14.398	184	135	6.434	ng	#	1
56) 4-Nitrophenol	14.510	139	3448	4.845	ng		84
58) Fluorene	15.369	166	56268	2.125	ng	#	96
60) Diethylphthalate	15.133	149	737788	25.498	ng		99
63) Azobenzene	15.686	77	170760	6.899	ng	#	1
71) Phenanthrene	17.145	178	151507	3.458	ng		98
72) Anthracene	17.145	178	151507	3.437	ng		99
73) Carbazole	17.527	167	144150	3.613	ng		99

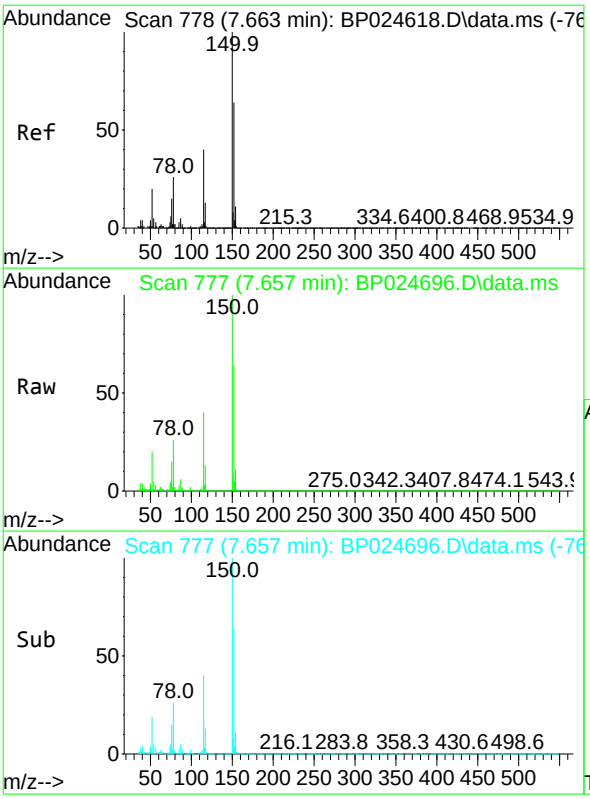
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051925\
Data File : BP024696.D
Acq On : 19 May 2025 19:40
Operator : RC/JU
Sample : Q2067-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: May 20 03:46:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration



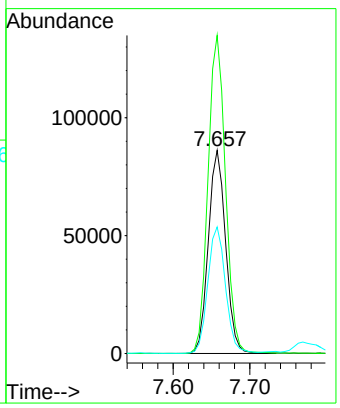


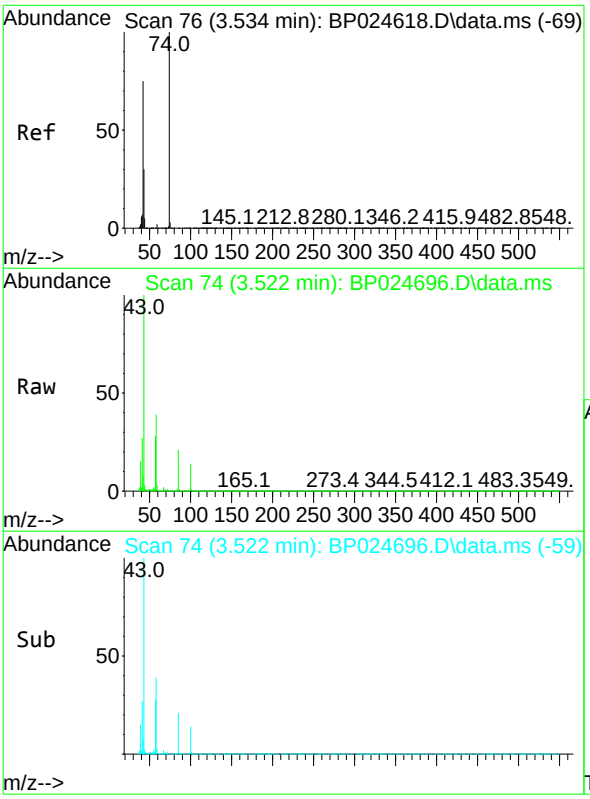
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.657 min Scan# 77
Delta R.T. -0.006 min
Lab File: BP024696.D
Acq: 19 May 2025 19:40

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:152 Resp: 135379

Ion	Ratio	Lower	Upper
152	100		
150	156.6	125.9	188.9
115	62.3	50.1	75.1

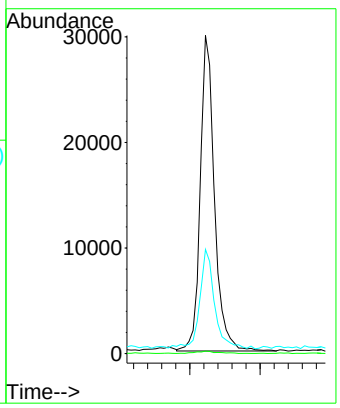


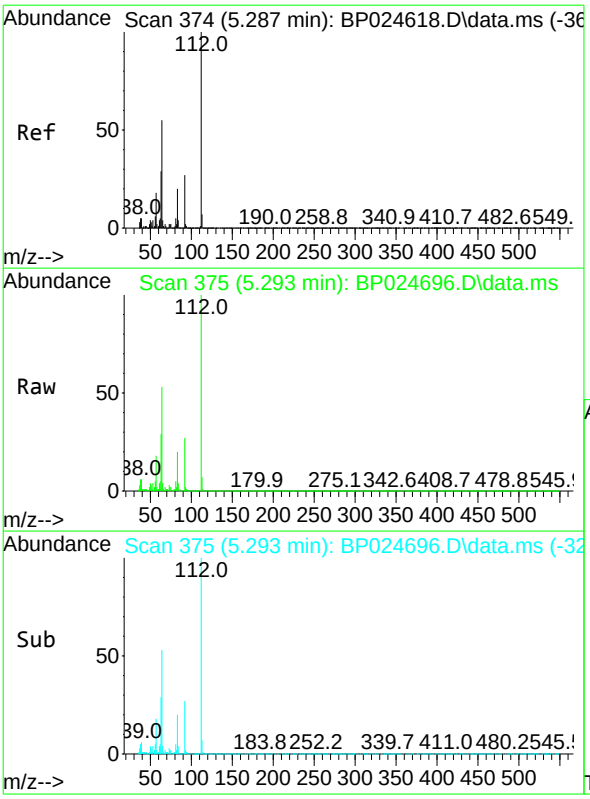


#4
n-Nitrosodimethylamine
Concen: 11.536 ng
RT: 3.522 min Scan# 74
Delta R.T. -0.012 min
Lab File: BP024696.D
Acq: 19 May 2025 19:40

Tgt Ion: 42 Resp: 41971

Ion	Ratio	Lower	Upper
42	100		
74	0.8	106.2	159.2#
44	32.7	5.4	8.2#



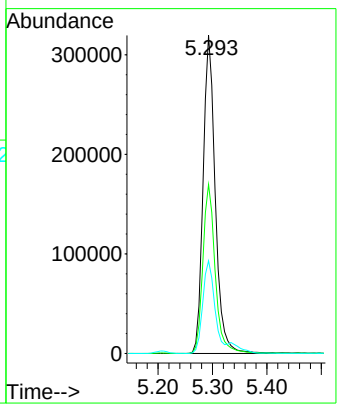


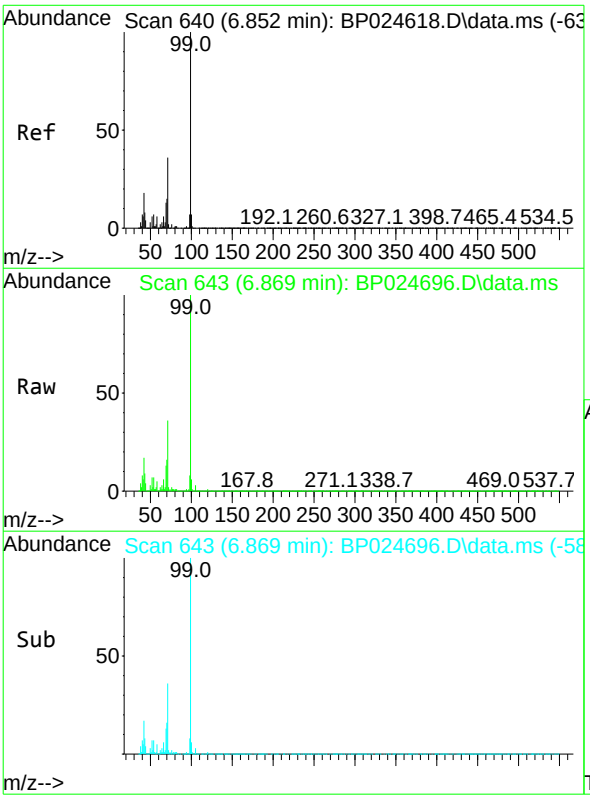
#5
2-Fluorophenol
Concen: 62.589 ng
RT: 5.293 min Scan# 37
Delta R.T. 0.006 min
Lab File: BP024696.D
Acq: 19 May 2025 19:40

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:112 Resp: 495403

Ion	Ratio	Lower	Upper
112	100		
64	53.1	44.1	66.1
63	29.1	23.5	35.3

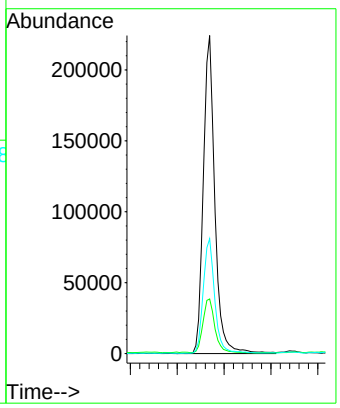


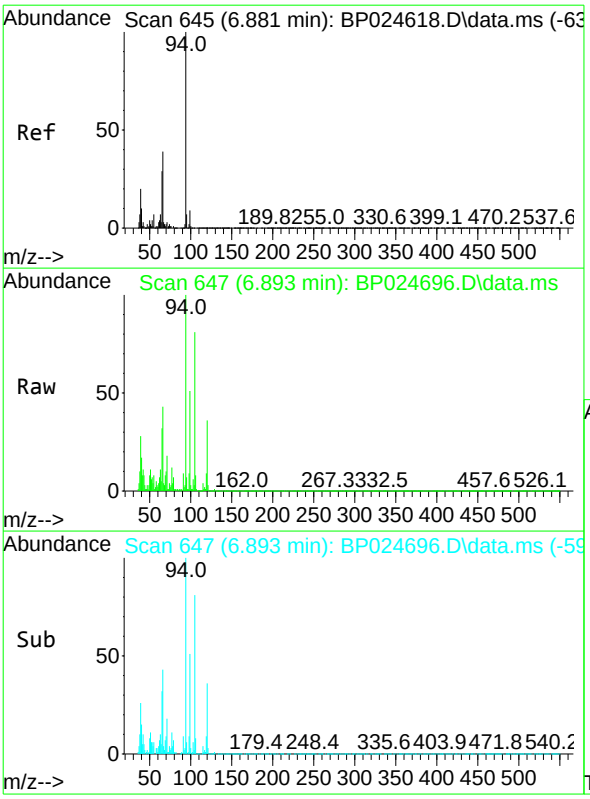


#7
Phenol-d6
Concen: 37.847 ng
RT: 6.869 min Scan# 643
Delta R.T. 0.018 min
Lab File: BP024696.D
Acq: 19 May 2025 19:40

Tgt Ion: 99 Resp: 382330

Ion	Ratio	Lower	Upper
99	100		
42	17.2	14.4	21.6
71	36.1	29.2	43.8



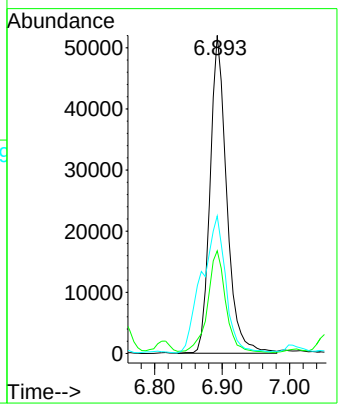


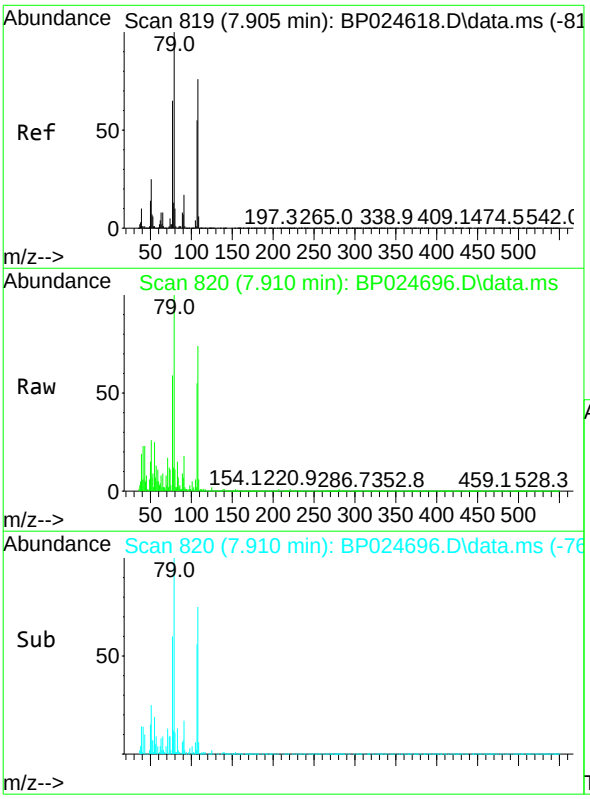
#10
Phenol
Concen: 8.542 ng
RT: 6.893 min Scan# 64
Delta R.T. 0.012 min
Lab File: BP024696.D
Acq: 19 May 2025 19:40

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 94 Resp: 89065

Ion	Ratio	Lower	Upper
94	100		
65	32.3	8.7	48.7
66	43.2	19.4	59.4

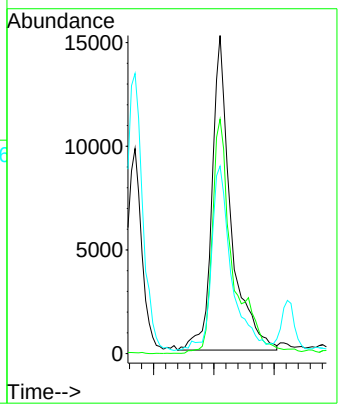


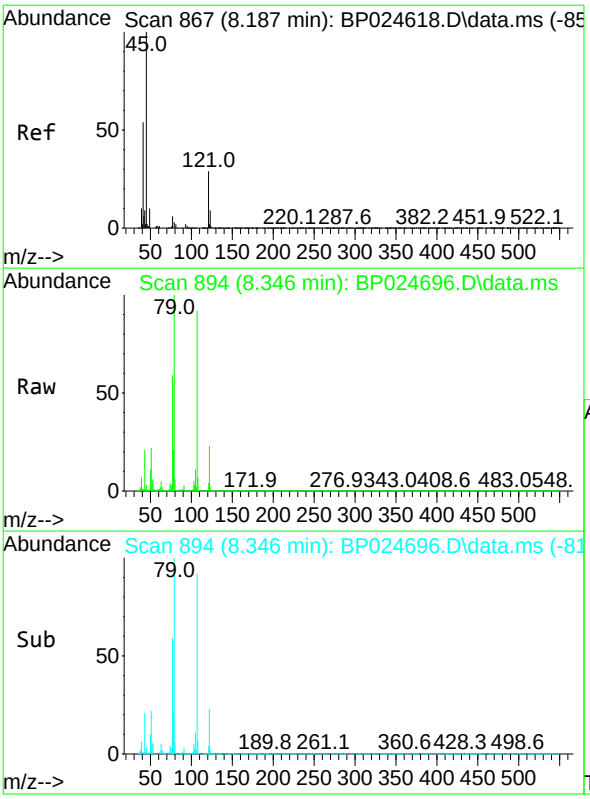


#15
Benzyl Alcohol
Concen: 4.325 ng
RT: 7.910 min Scan# 820
Delta R.T. 0.006 min
Lab File: BP024696.D
Acq: 19 May 2025 19:40

Tgt Ion: 79 Resp: 33205

Ion	Ratio	Lower	Upper
79	100		
108	73.7	60.8	91.2
77	58.9	51.9	77.9



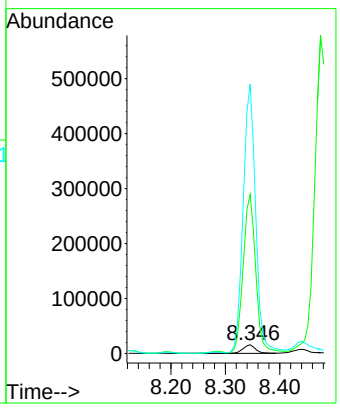


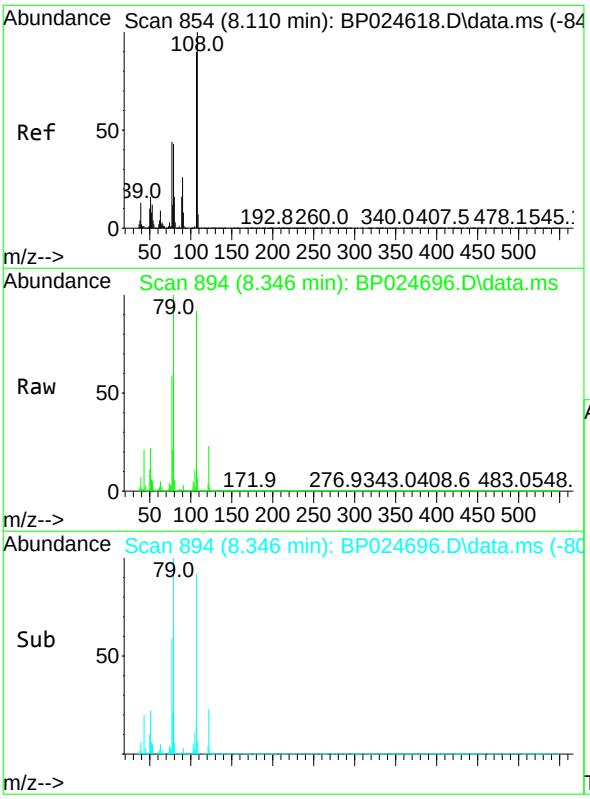
#16
2,2'-oxybis(1-Chloropropane)
Concen: 2.553 ng
RT: 8.346 min Scan# 89
Delta R.T. 0.159 min
Lab File: BP024696.D
Acq: 19 May 2025 19:40

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 45 Resp: 26196

Ion	Ratio	Lower	Upper
45	100		
77	1821.9	0.0	37.7#
79	3083.8	0.0	34.0#

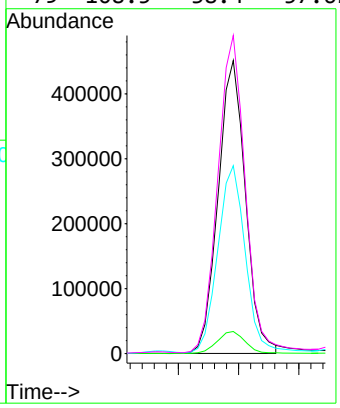


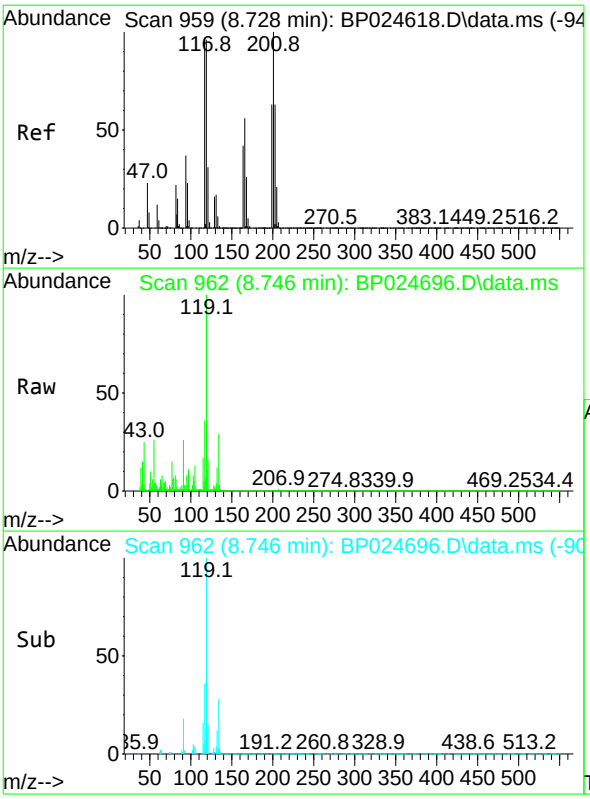


#17
2-Methylphenol
Concen: 94.942 ng
RT: 8.346 min Scan# 894
Delta R.T. 0.235 min
Lab File: BP024696.D
Acq: 19 May 2025 19:40

Tgt Ion:107 Resp: 709992

Ion	Ratio	Lower	Upper
107	100		
108	7.5	88.9	133.3#
77	64.1	39.0	58.6#
79	108.5	38.4	57.6#



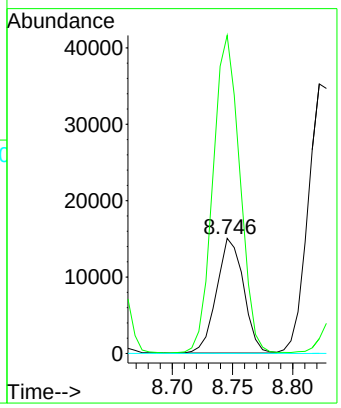


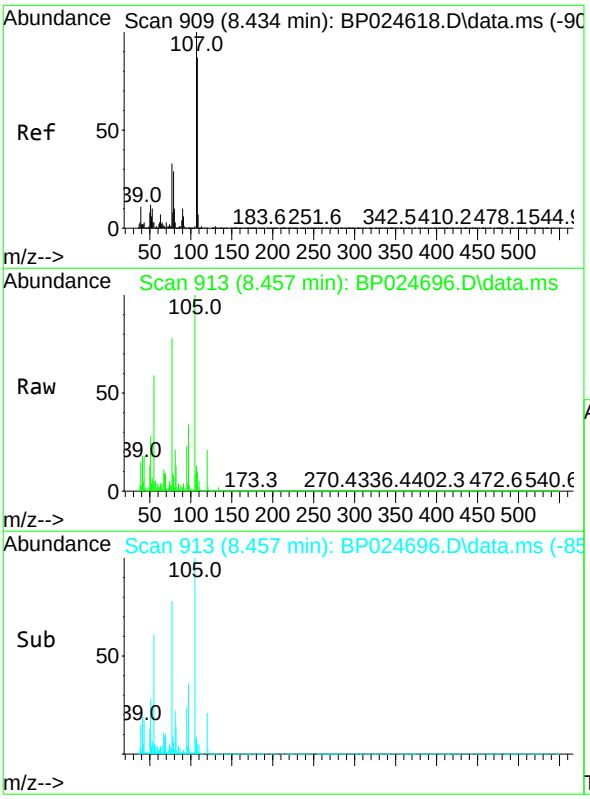
#18
Hexachloroethane
Concen: 5.886 ng
RT: 8.746 min Scan# 96
Delta R.T. 0.017 min
Lab File: BP024696.D
Acq: 19 May 2025 19:40

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:117 Resp: 23450

Ion	Ratio	Lower	Upper
117	100		
119	276.2	79.4	119.0#
201	0.0	82.7	124.1#

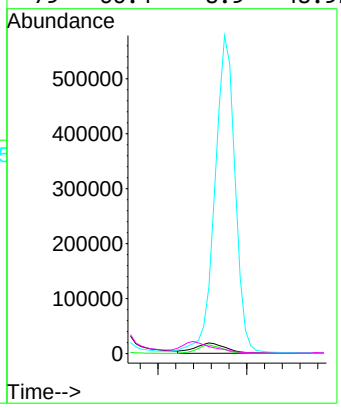


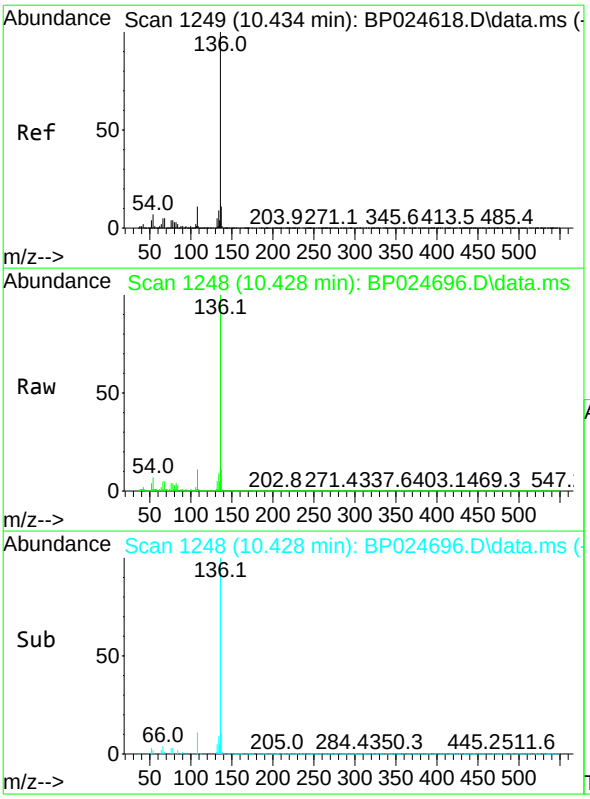


#20
3+4-Methylphenols
Concen: 4.443 ng
RT: 8.457 min Scan# 913
Delta R.T. 0.023 min
Lab File: BP024696.D
Acq: 19 May 2025 19:40

Tgt Ion:107 Resp: 45194

Ion	Ratio	Lower	Upper
107	100		
108	81.3	66.7	106.7
77	623.3	13.1	53.1#
79	66.4	8.9	48.9#



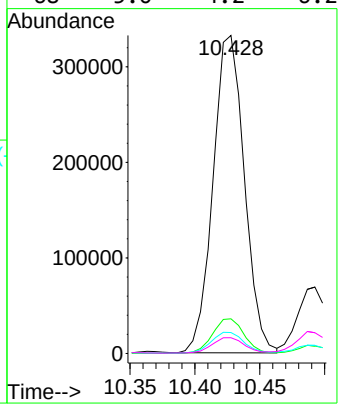


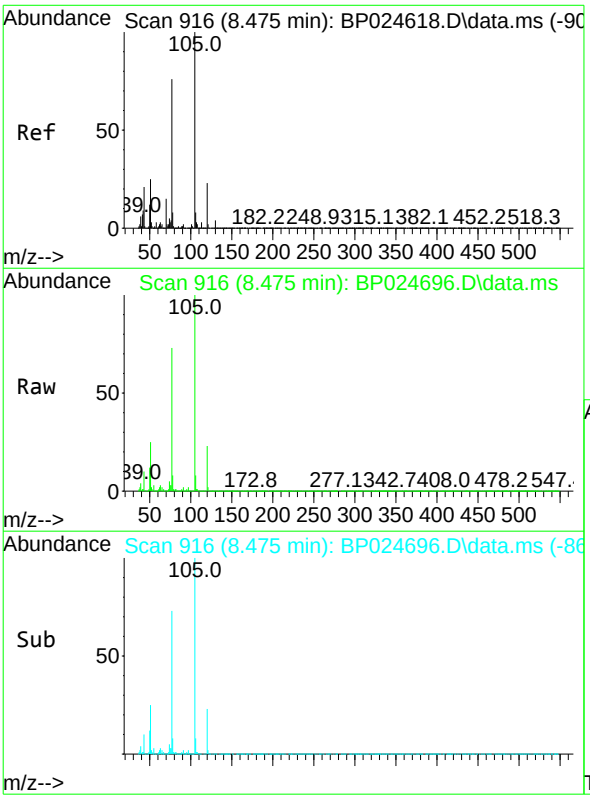
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.428 min Scan# 12
Delta R.T. -0.006 min
Lab File: BP024696.D
Acq: 19 May 2025 19:40

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:136 Resp: 558037

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	6.6	5.5	8.3
68	5.0	4.2	6.2

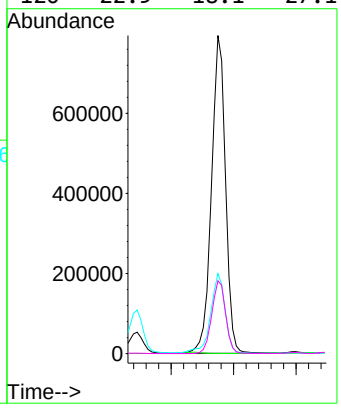


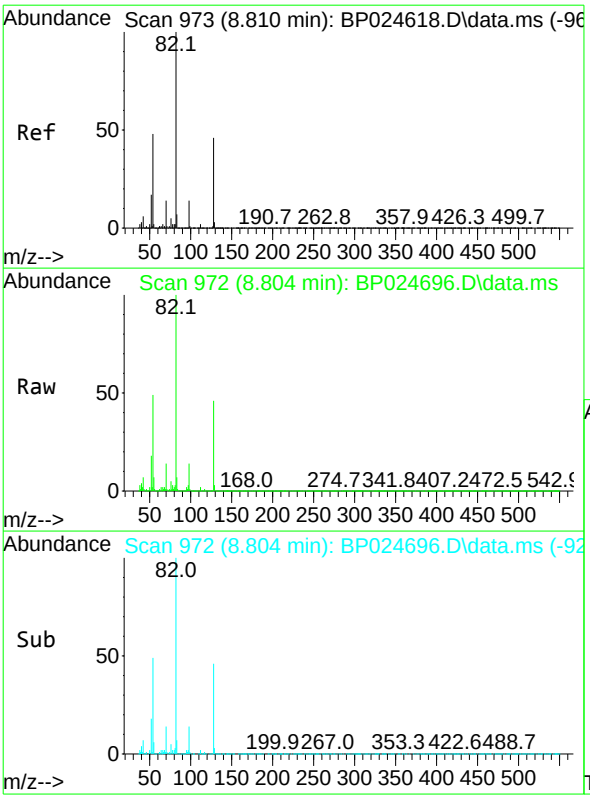


#22
Acetophenone
Concen: 88.772 ng
RT: 8.475 min Scan# 916
Delta R.T. -0.000 min
Lab File: BP024696.D
Acq: 19 May 2025 19:40

Tgt Ion:105 Resp: 1237431

Ion	Ratio	Lower	Upper
105	100		
71	0.0	2.0	3.0#
51	25.2	20.4	30.6
120	22.9	18.1	27.1



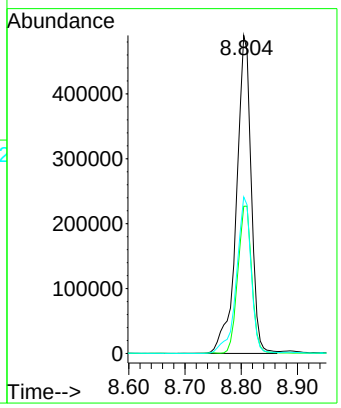


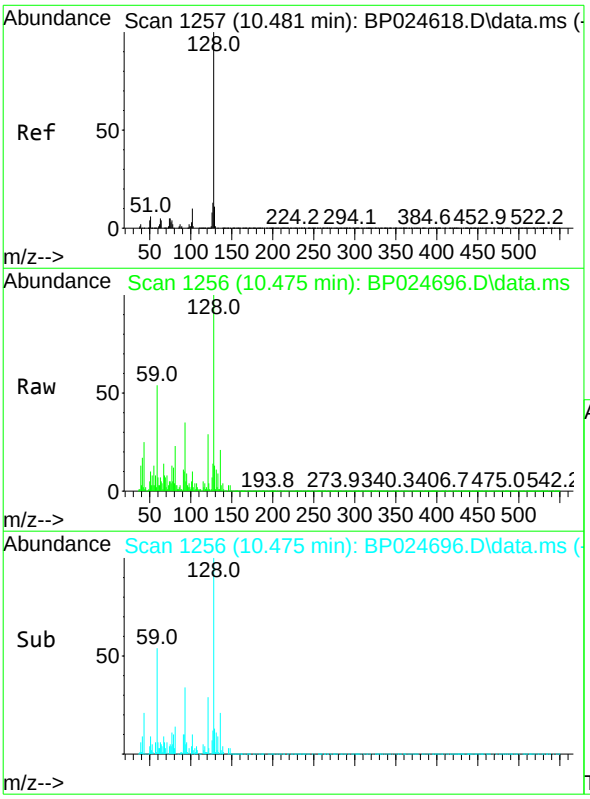
#23
Nitrobenzene-d5
Concen: 80.936 ng
RT: 8.804 min Scan# 97
Delta R.T. -0.006 min
Lab File: BP024696.D
Acq: 19 May 2025 19:40

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 82 Resp: 893899

Ion	Ratio	Lower	Upper
82	100		
128	46.3	37.0	55.4
54	49.2	38.7	58.1

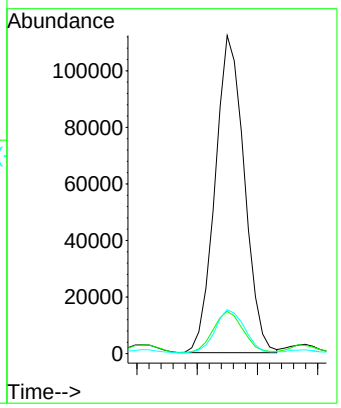


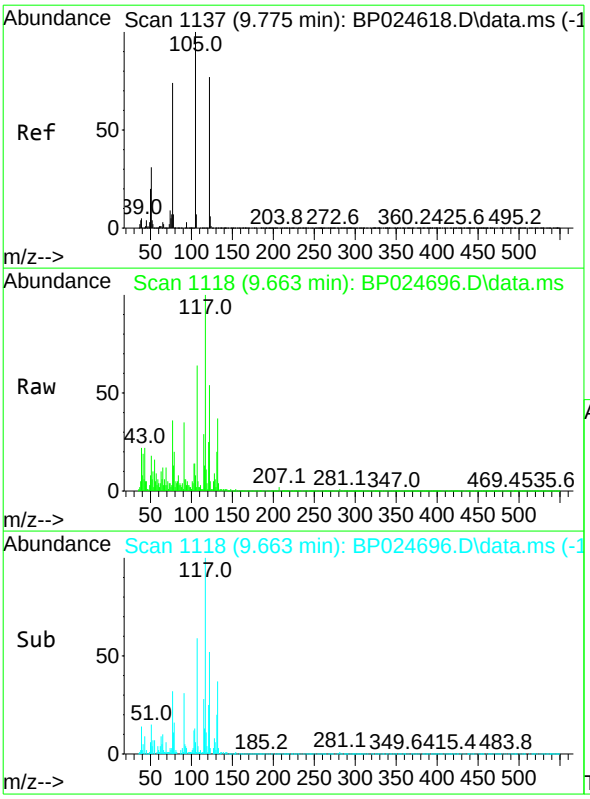


#31
Naphthalene
Concen: 6.529 ng
RT: 10.475 min Scan# 1256
Delta R.T. -0.006 min
Lab File: BP024696.D
Acq: 19 May 2025 19:40

Tgt Ion:128 Resp: 188810

Ion	Ratio	Lower	Upper
128	100		
129	13.3	8.8	13.2#
127	13.8	10.7	16.1



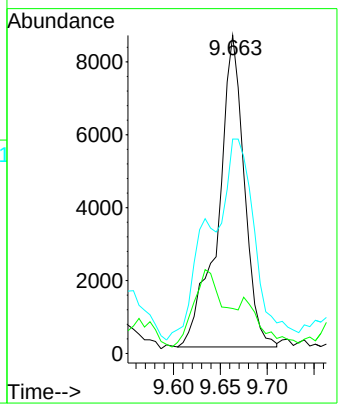


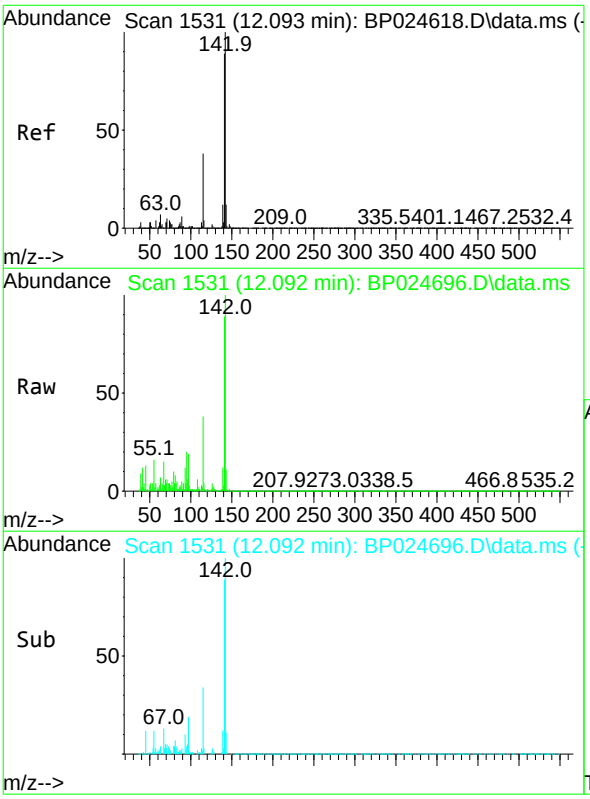
#32
Benzoic acid
Concen: 9.863 ng
RT: 9.663 min Scan# 11
Delta R.T. -0.112 min
Lab File: BP024696.D
Acq: 19 May 2025 19:40

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:122 Resp: 16580

Ion	Ratio	Lower	Upper
122	100		
105	14.1	106.9	146.9#
77	67.4	75.1	115.1#

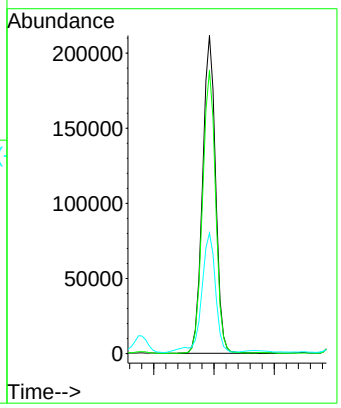


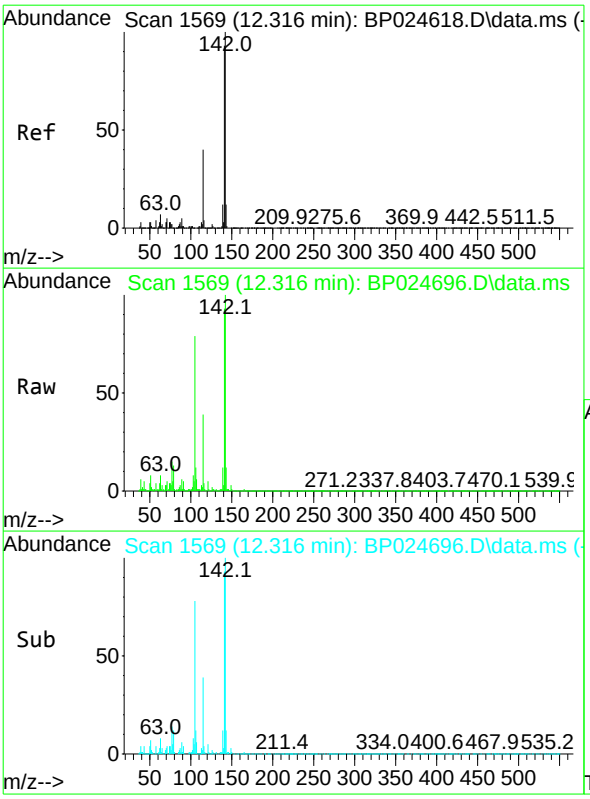


#37
2-Methylnaphthalene
Concen: 16.912 ng
RT: 12.092 min Scan# 1531
Delta R.T. -0.000 min
Lab File: BP024696.D
Acq: 19 May 2025 19:40

Tgt Ion:142 Resp: 316675

Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.2	106.8
115	37.9	30.6	46.0



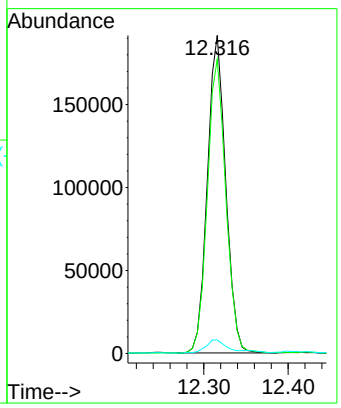


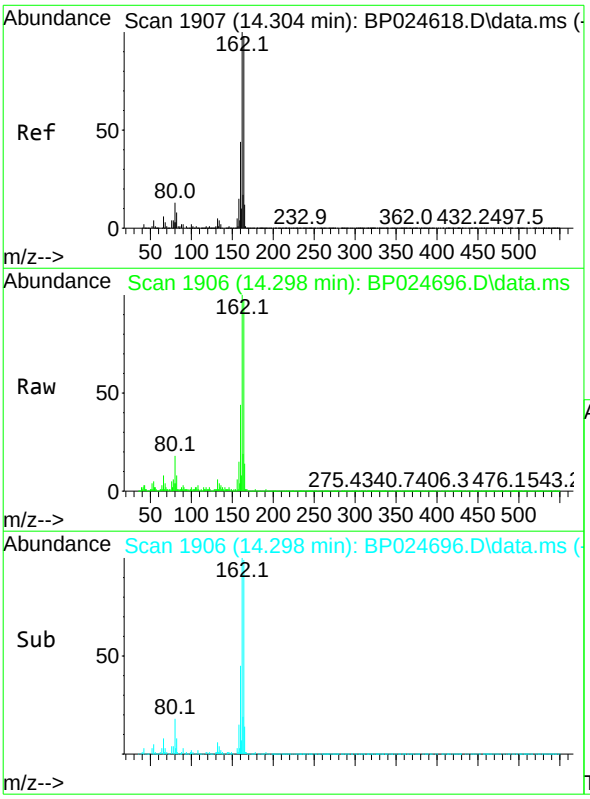
#38
1-Methylnaphthalene
Concen: 14.413 ng
RT: 12.316 min Scan# 15
Delta R.T. -0.000 min
Lab File: BP024696.D
Acq: 19 May 2025 19:40

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:142 Resp: 288770

Ion	Ratio	Lower	Upper
142	100		
141	92.5	74.7	112.1
116	4.2	3.4	5.2

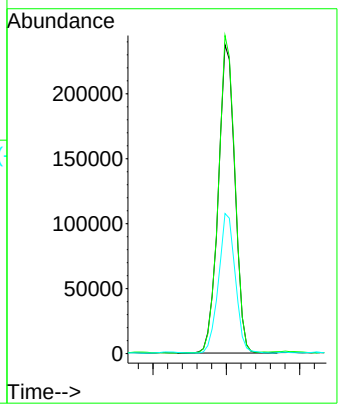


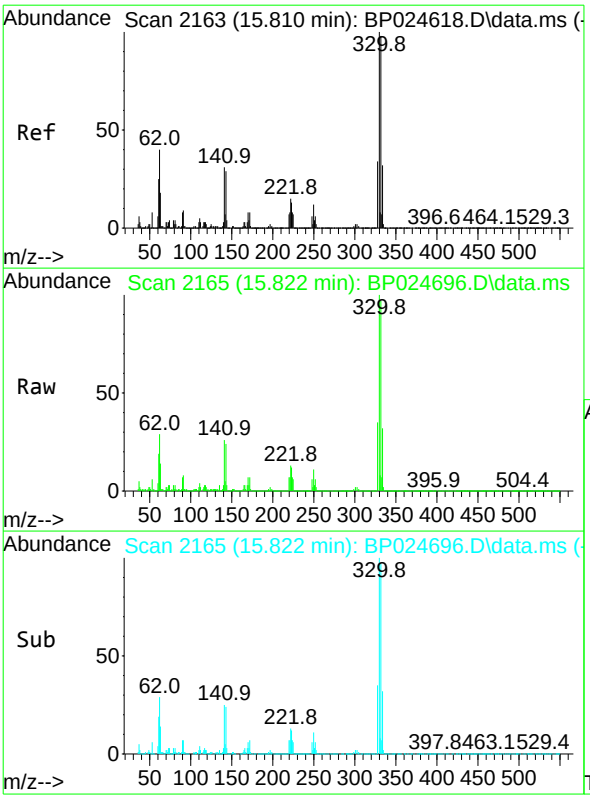


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.298 min Scan# 1906
Delta R.T. -0.006 min
Lab File: BP024696.D
Acq: 19 May 2025 19:40

Tgt Ion:164 Resp: 375594

Ion	Ratio	Lower	Upper
164	100		
162	103.0	81.8	122.6
160	45.4	36.3	54.5



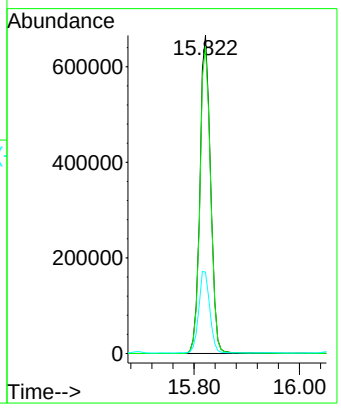


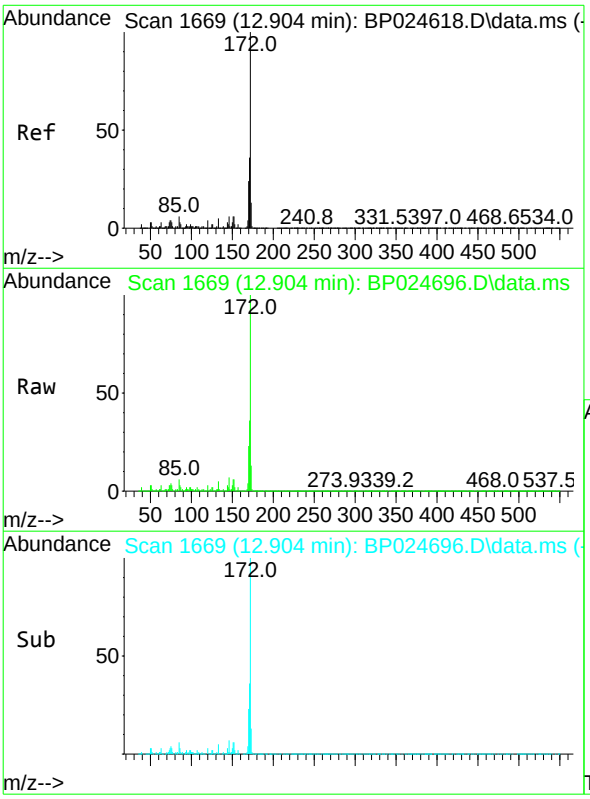
#42
2,4,6-Tribromophenol
Concen: 146.389 ng
RT: 15.822 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP024696.D
Acq: 19 May 2025 19:40

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:330 Resp: 932116

Ion	Ratio	Lower	Upper
330	100		
332	97.2	78.2	117.4
141	26.6	24.3	36.5

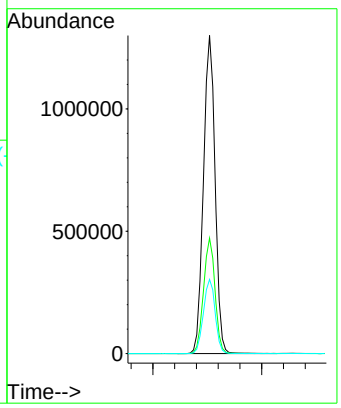


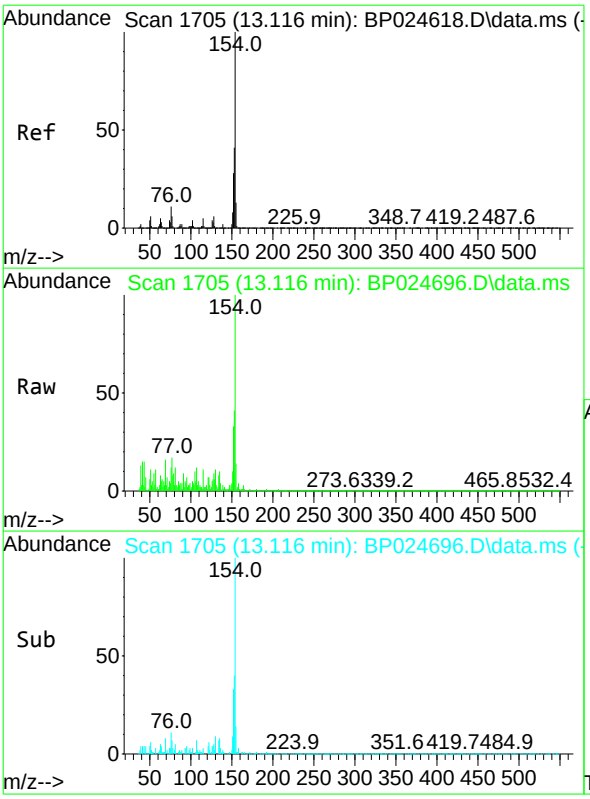


#45
2-Fluorobiphenyl
Concen: 67.341 ng
RT: 12.904 min Scan# 1669
Delta R.T. -0.000 min
Lab File: BP024696.D
Acq: 19 May 2025 19:40

Tgt Ion:172 Resp: 1930557

Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.8	43.2
170	23.3	18.8	28.2



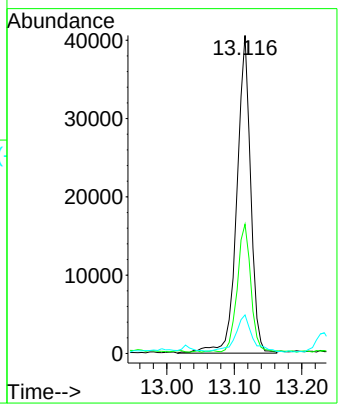


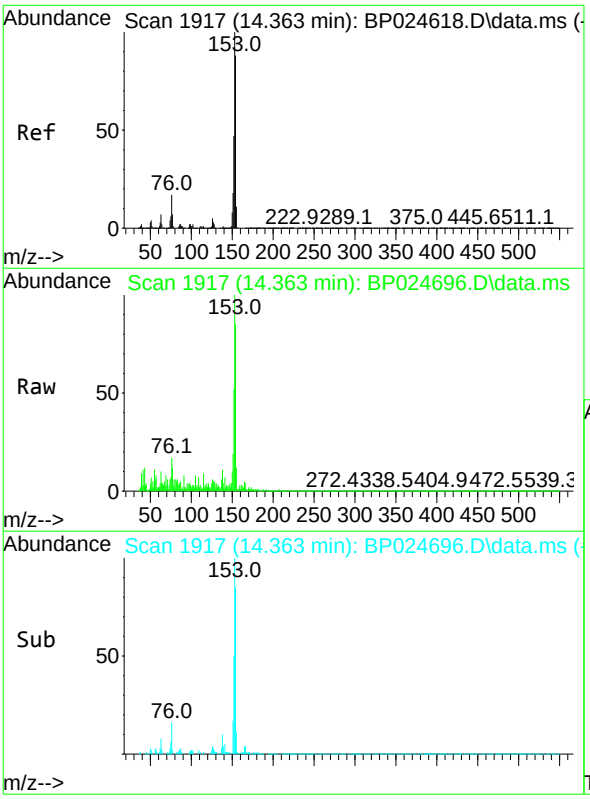
#46
1,1'-Biphenyl
Concen: 2.081 ng
RT: 13.116 min Scan# 17
Delta R.T. -0.000 min
Lab File: BP024696.D
Acq: 19 May 2025 19:40

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:154 Resp: 57770

Ion	Ratio	Lower	Upper
154	100		
153	40.6	21.0	61.0
76	12.1	0.0	31.5

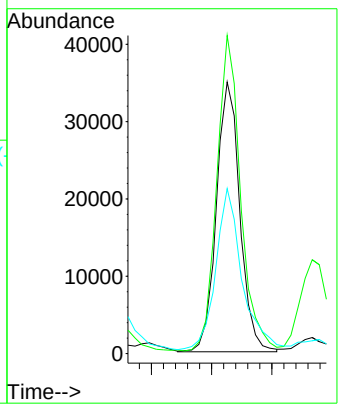


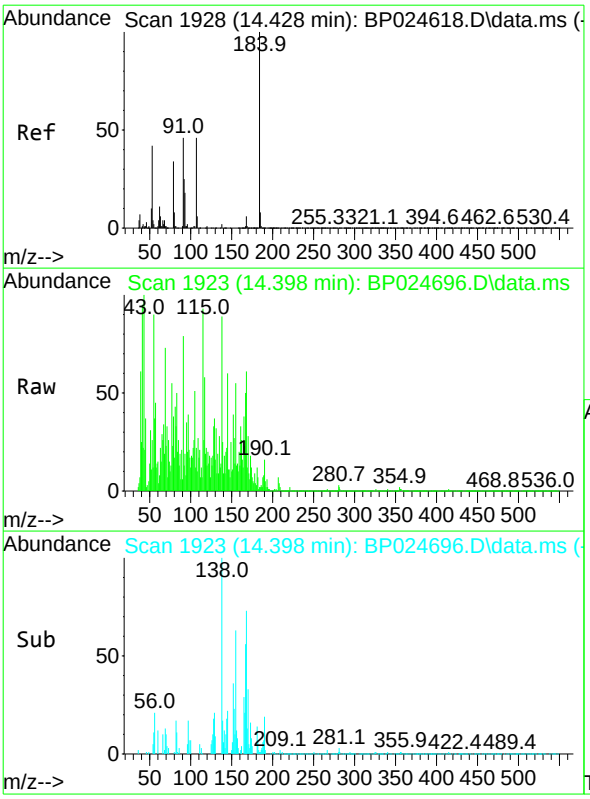


#52
Acenaphthene
Concen: 2.322 ng
RT: 14.363 min Scan# 1917
Delta R.T. -0.000 min
Lab File: BP024696.D
Acq: 19 May 2025 19:40

Tgt Ion:154 Resp: 47286

Ion	Ratio	Lower	Upper
154	100		
153	117.1	91.0	136.4
152	60.7	42.9	64.3



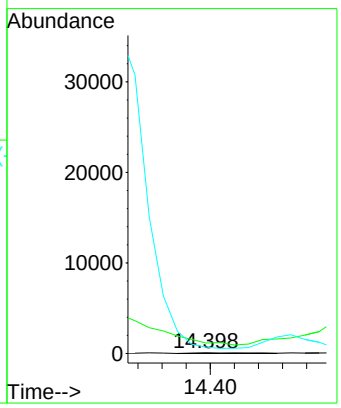


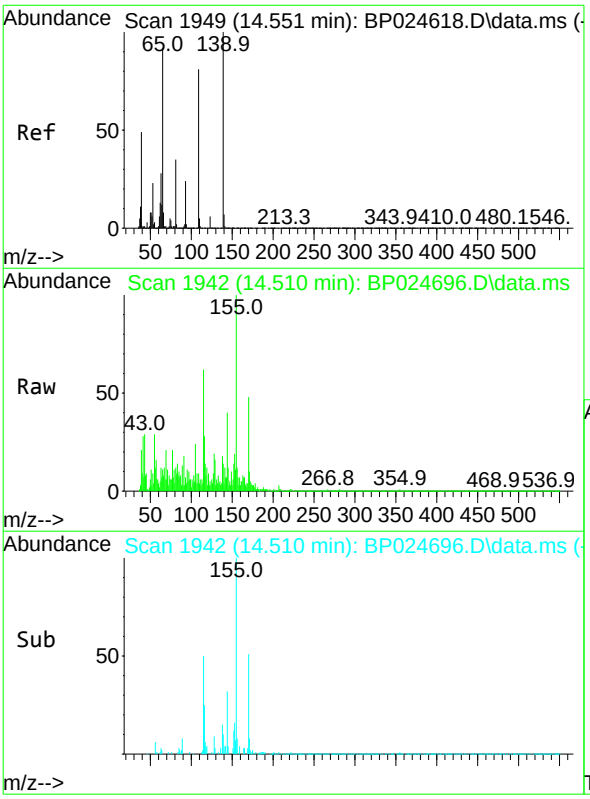
#54
2,4-Dinitrophenol
Concen: 6.434 ng
RT: 14.398 min Scan# 19
Delta R.T. -0.030 min
Lab File: BP024696.D
Acq: 19 May 2025 19:40

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:184 Resp: 135

Ion	Ratio	Lower	Upper
184	100		
63	1446.3	51.3	76.9#
154	883.8	53.5	80.3#

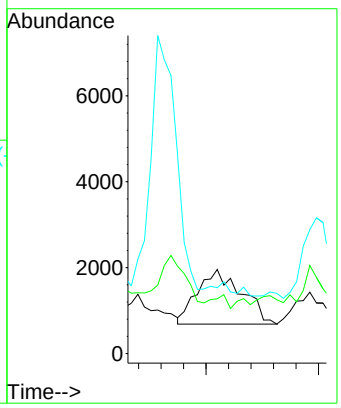


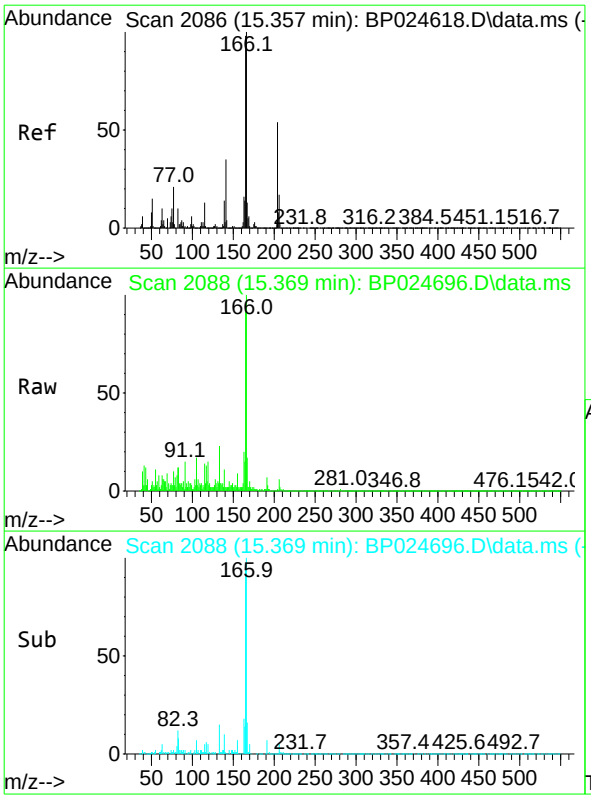


#56
4-Nitrophenol
Concen: 4.845 ng
RT: 14.510 min Scan# 1942
Delta R.T. -0.041 min
Lab File: BP024696.D
Acq: 19 May 2025 19:40

Tgt Ion:139 Resp: 3448

Ion	Ratio	Lower	Upper
139	100		
109	65.1	61.4	101.4
65	78.3	72.2	112.2



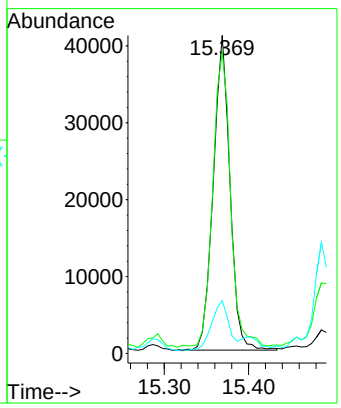


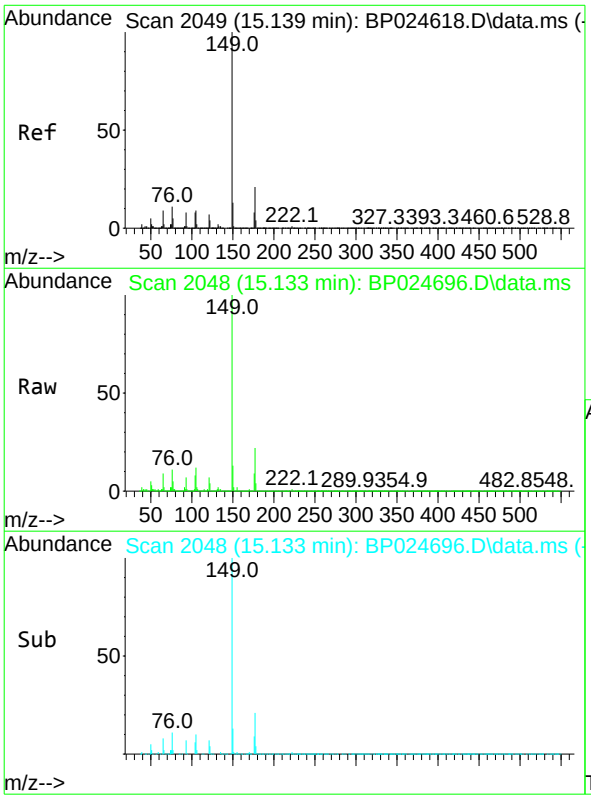
#58
Fluorene
Concen: 2.125 ng
RT: 15.369 min Scan# 20
Delta R.T. 0.012 min
Lab File: BP024696.D
Acq: 19 May 2025 19:40

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:166 Resp: 56268

Ion	Ratio	Lower	Upper
166	100		
165	94.7	78.5	117.7
167	16.6	10.7	16.1#

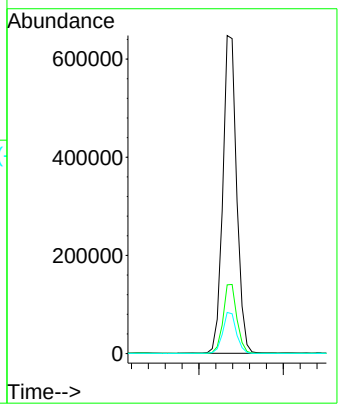


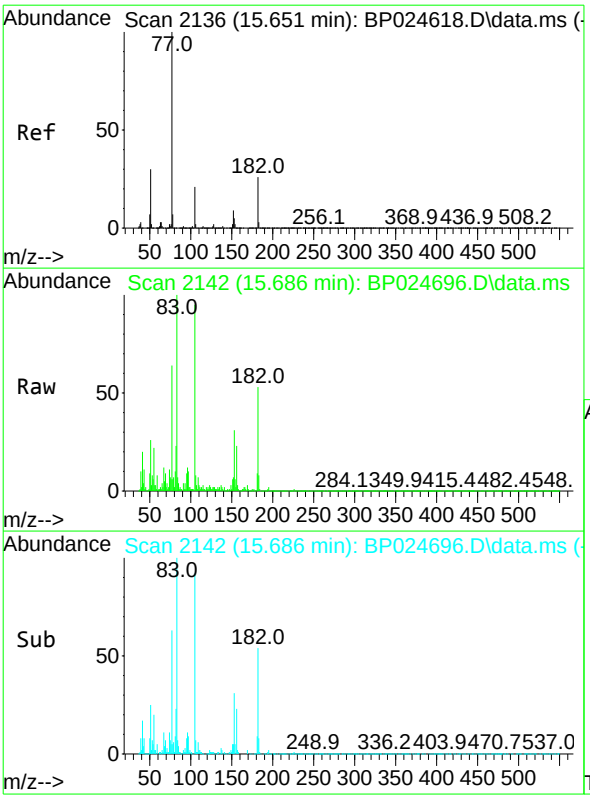


#60
Diethylphthalate
Concen: 25.498 ng
RT: 15.133 min Scan# 2048
Delta R.T. -0.006 min
Lab File: BP024696.D
Acq: 19 May 2025 19:40

Tgt Ion:149 Resp: 737788

Ion	Ratio	Lower	Upper
149	100		
177	21.6	16.7	25.1
150	12.9	10.2	15.2



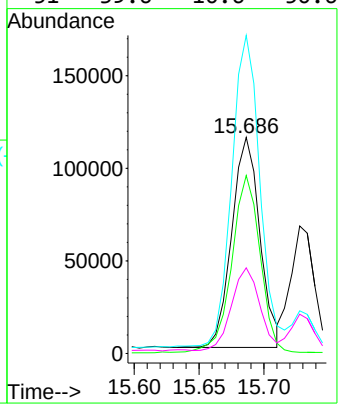


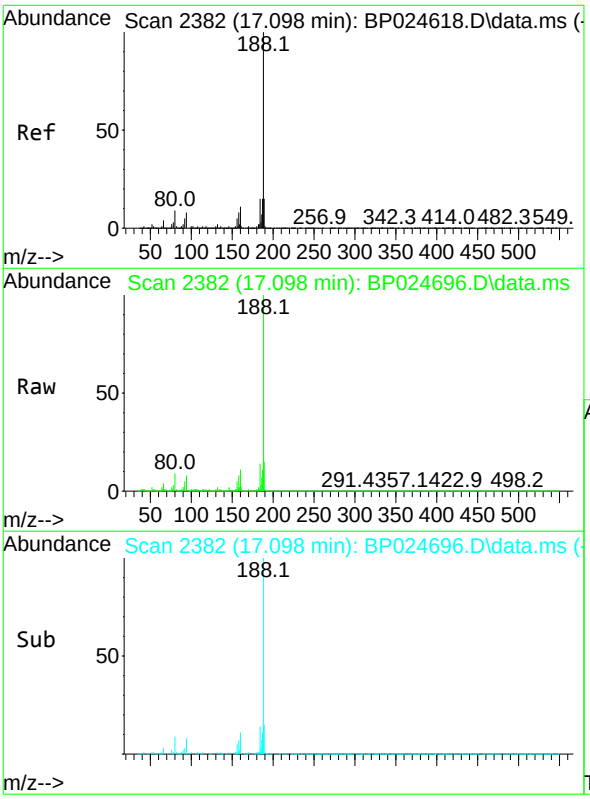
#63
Azobenzene
Concen: 6.899 ng
RT: 15.686 min Scan# 21
Delta R.T. 0.035 min
Lab File: BP024696.D
Acq: 19 May 2025 19:40

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 77 Resp: 170760

Ion	Ratio	Lower	Upper
77	100		
182	82.3	5.7	45.7#
105	147.2	1.3	41.3#
51	39.6	10.6	50.6

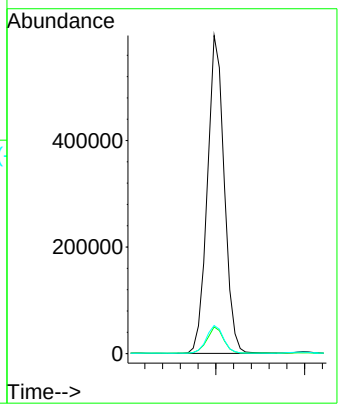


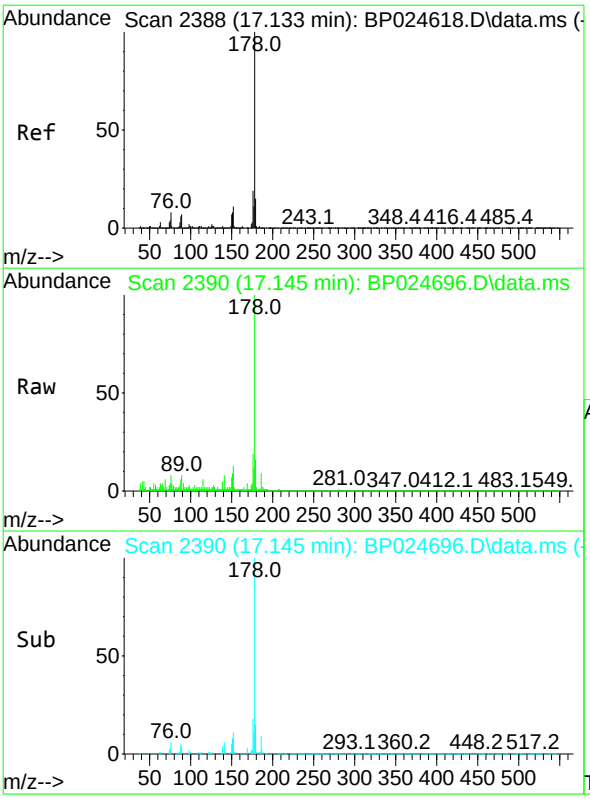


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.098 min Scan# 2382
Delta R.T. -0.000 min
Lab File: BP024696.D
Acq: 19 May 2025 19:40

Tgt Ion:188 Resp: 788156

Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.5	9.7
80	8.8	7.3	10.9



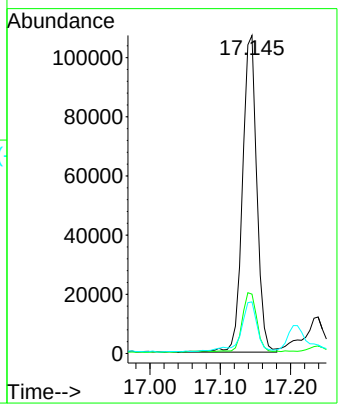


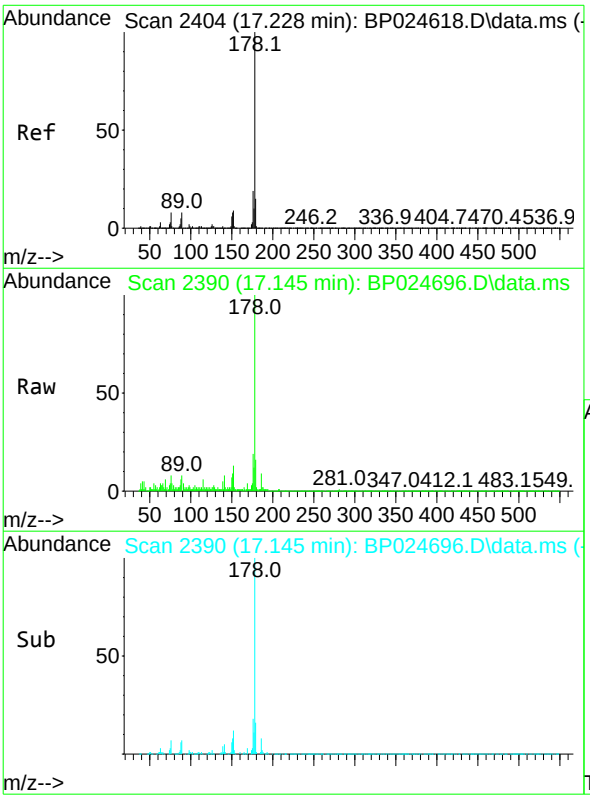
#71
Phenanthrene
Concen: 3.458 ng
RT: 17.145 min Scan# 23
Delta R.T. 0.012 min
Lab File: BP024696.D
Acq: 19 May 2025 19:40

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:178 Resp: 151507

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.2
179	16.2	12.2	18.4

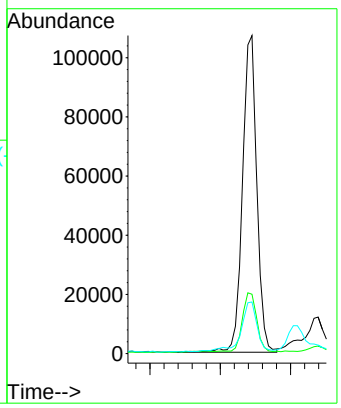


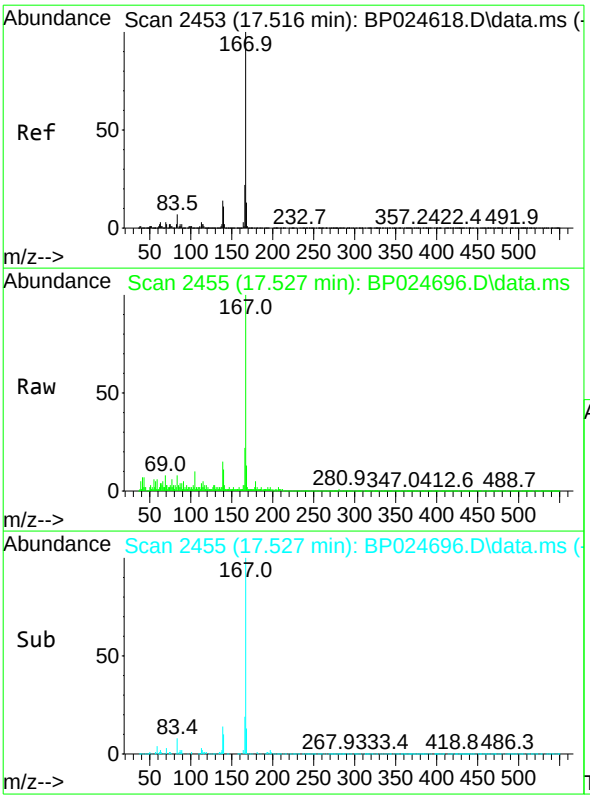


#72
Anthracene
Concen: 3.437 ng
RT: 17.145 min Scan# 2390
Delta R.T. -0.082 min
Lab File: BP024696.D
Acq: 19 May 2025 19:40

Tgt Ion:178 Resp: 151507

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	16.2	12.2	18.2



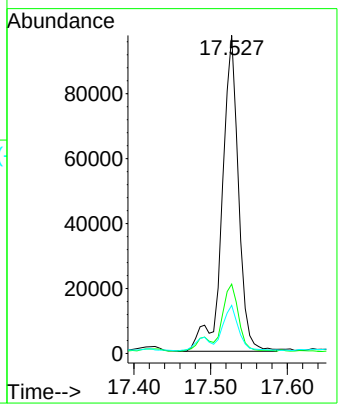


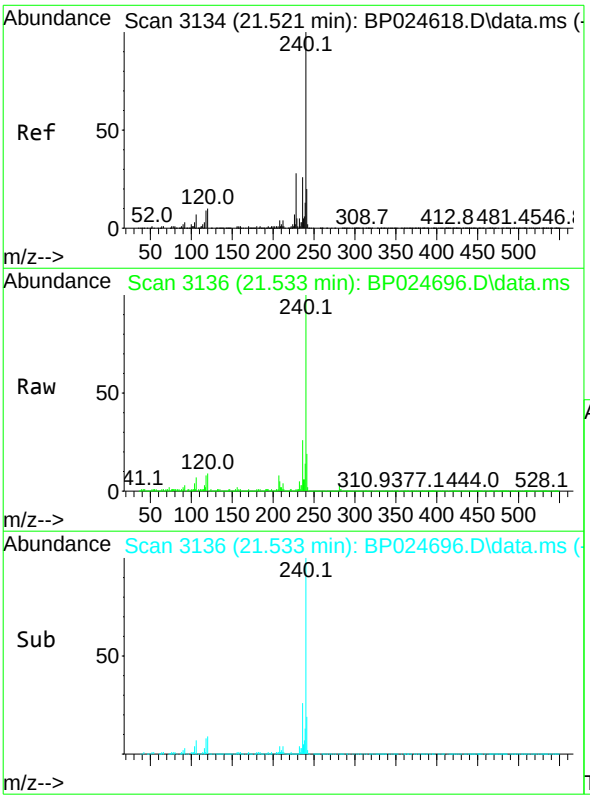
#73
Carbazole
Concen: 3.613 ng
RT: 17.527 min Scan# 24
Delta R.T. 0.012 min
Lab File: BP024696.D
Acq: 19 May 2025 19:40

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:167 Resp: 144150

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.7	26.5
139	15.1	11.3	16.9

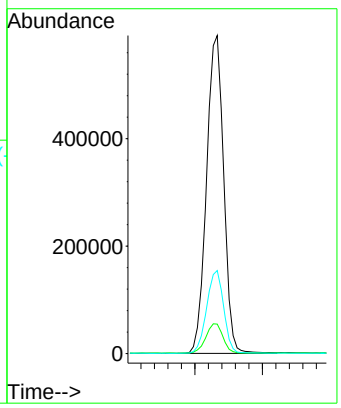


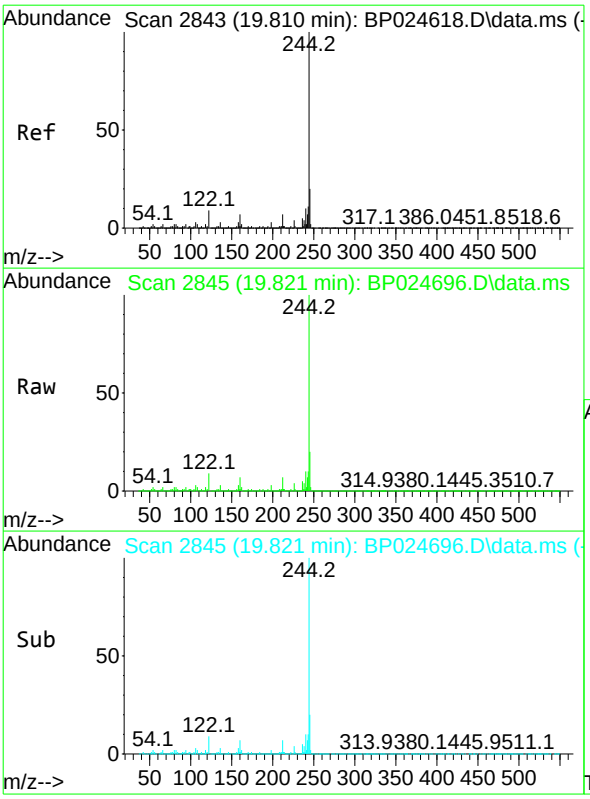


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.533 min Scan# 3136
Delta R.T. 0.012 min
Lab File: BP024696.D
Acq: 19 May 2025 19:40

Tgt Ion:240 Resp: 1047049

Ion	Ratio	Lower	Upper
240	100		
120	9.3	7.8	11.6
236	26.1	20.6	31.0



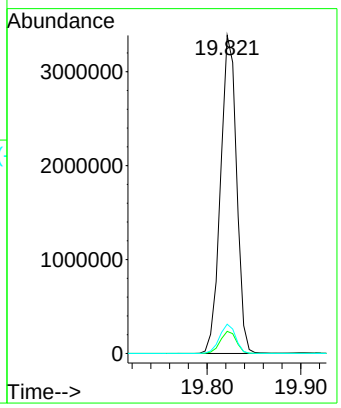


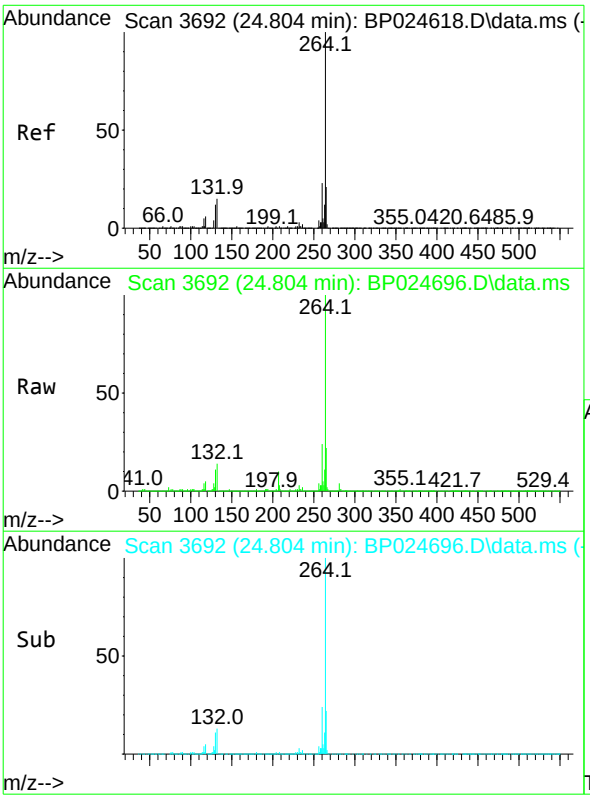
#79
Terphenyl-d14
Concen: 66.104 ng
RT: 19.821 min Scan# 28
Delta R.T. 0.012 min
Lab File: BP024696.D
Acq: 19 May 2025 19:40

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:244 Resp: 4036503

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.5	8.3
122	9.2	7.4	11.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.804 min Scan# 3692
Delta R.T. -0.000 min
Lab File: BP024696.D
Acq: 19 May 2025 19:40

Tgt Ion:264 Resp: 1155824

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	21.9	17.0	25.6