

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 :
 303-PPR-FRAC

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)

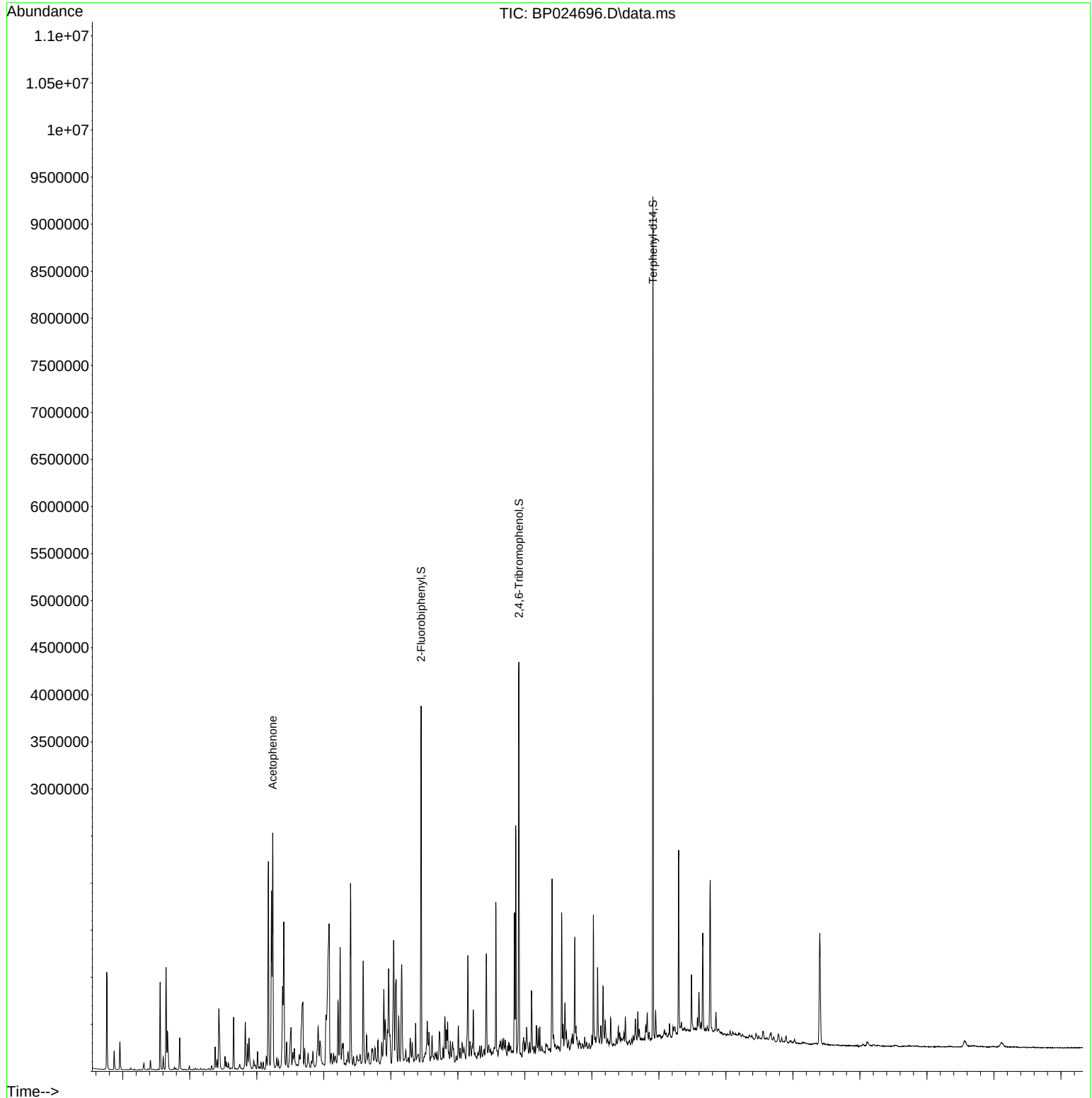
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.657	152	135379	20.000	ng	0.00
21) Naphthalene-d8	10.428	136	558037	20.000	ng	0.00
39) Acenaphthene-d10	14.298	164	375594	20.000	ng	0.00
64) Phenanthrene-d10	17.098	188	788156	20.000	ng	0.00
76) Chrysene-d12	21.533	240	1047049	20.000	ng	0.01
86) Perylene-d12	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
10) Phenol	6.893	94	89065	8.542	ng	94
15) Benzyl Alcohol	7.910	79	33205	4.325	ng	95
22) Acetophenone	8.475	105	1237431	88.772	ng	# 99
31) Naphthalene	10.475	128	188810	6.529	ng	# 97
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
58) Fluorene	15.369	166	56268	2.125	ng	# 96
60) Diethylphthalate	15.133	149	737788	25.498	ng	99
71) Phenanthrene	17.145	178	151507	3.458	ng	98
73) Carbazole	17.527	167	144150	3.613	ng	99

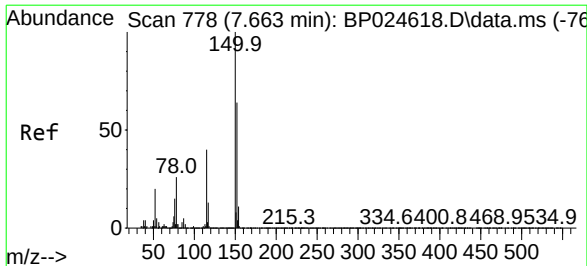
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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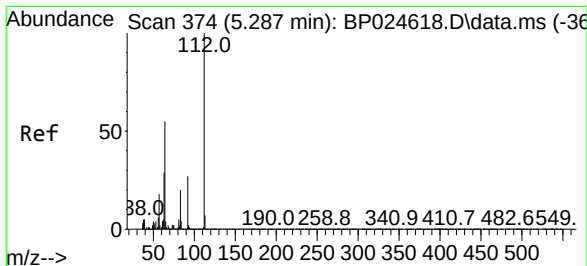
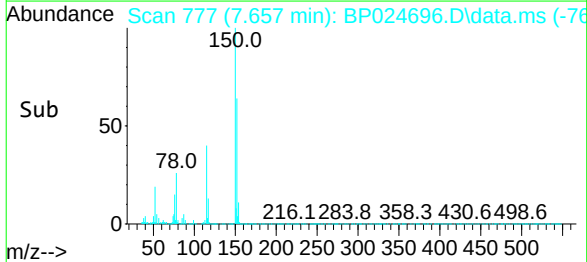
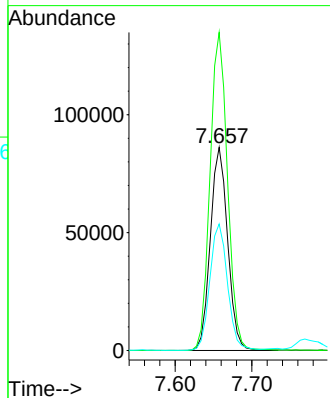
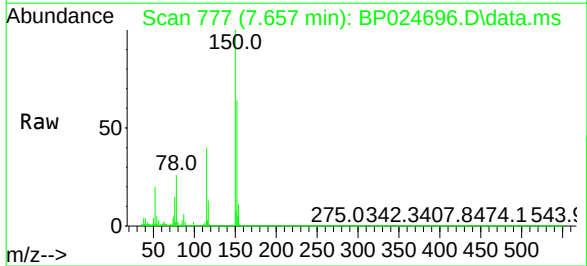




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.657 min Scan# 778
Delta R.T. -0.006 min
Lab File: BP024696.D
Acq: 19 May 2025 19:40

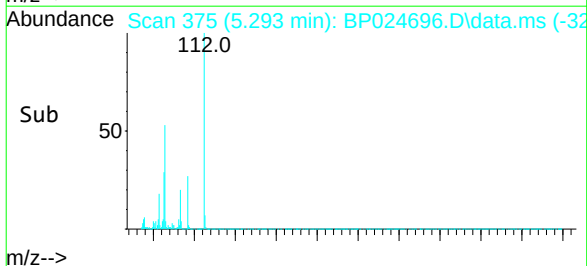
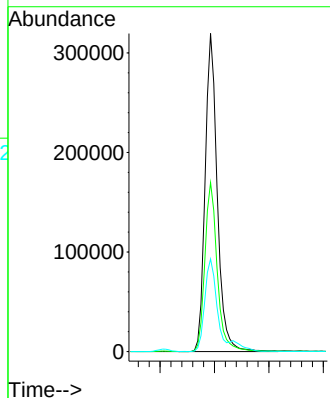
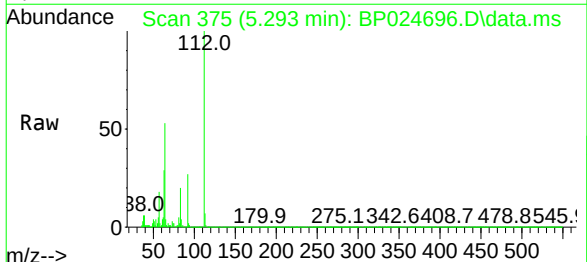
Instrument :
BNA_P
ClientSampleId :
303-PPR-FRAC

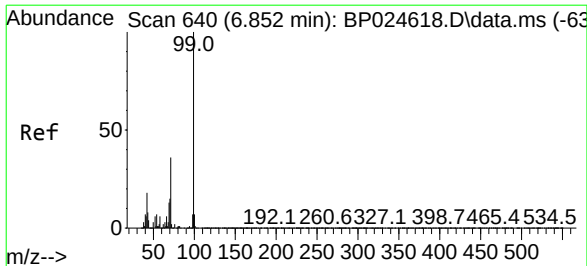
Tgt Ion:152 Resp: 135379
Ion Ratio Lower Upper
152 100
150 156.6 125.9 188.9
115 62.3 50.1 75.1



#5
2-Fluorophenol
Concen: 62.589 ng
RT: 5.293 min Scan# 375
Delta R.T. 0.006 min
Lab File: BP024696.D
Acq: 19 May 2025 19:40

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

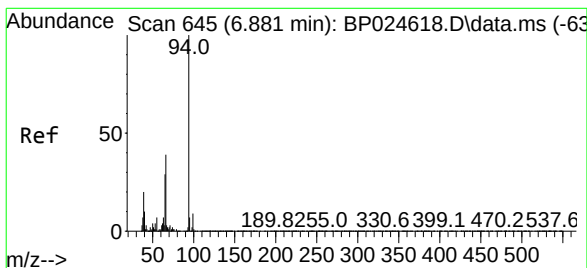
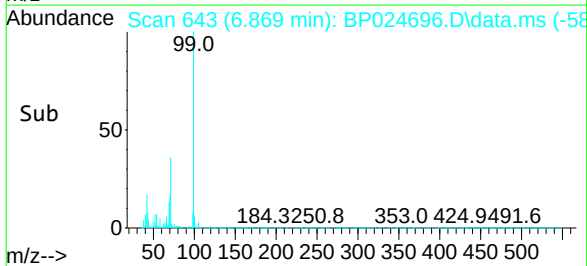
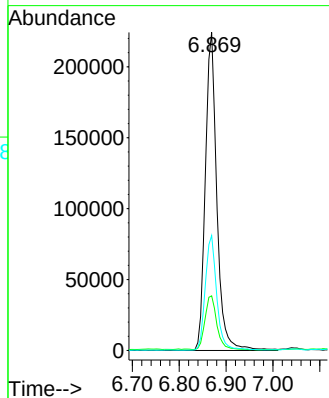
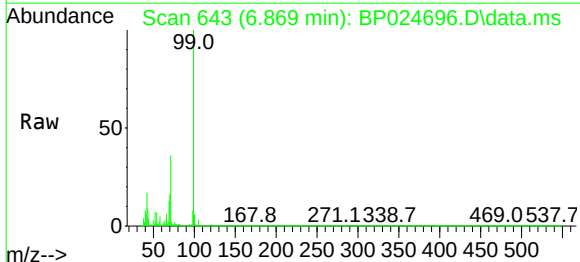




#7
Phenol-d6
Concen: 37.847 ng
RT: 6.869 min Scan# 641
Delta R.T. 0.018 min
Lab File: BP024696.D
Acq: 19 May 2025 19:40

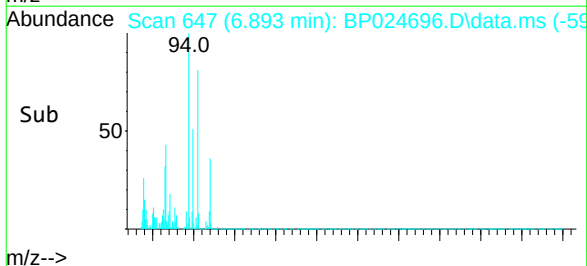
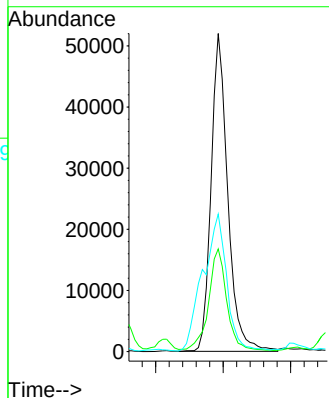
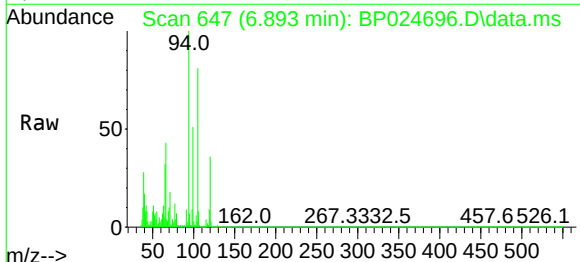
Instrument :
BNA_P
ClientSampleId :
303-PPR-FRAC

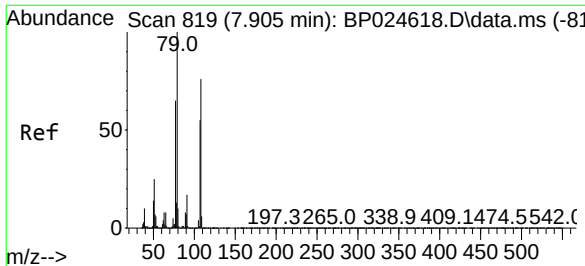
Tgt Ion: 99 Resp: 382330
Ion Ratio Lower Upper
99 100
42 17.2 14.4 21.6
71 36.1 29.2 43.8



#10
Phenol
Concen: 8.542 ng
RT: 6.893 min Scan# 647
Delta R.T. 0.012 min
Lab File: BP024696.D
Acq: 19 May 2025 19:40

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

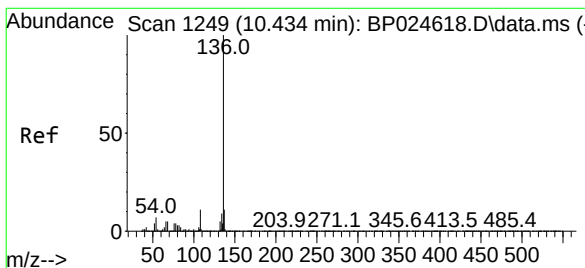
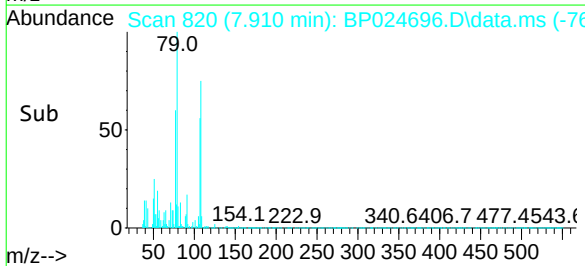
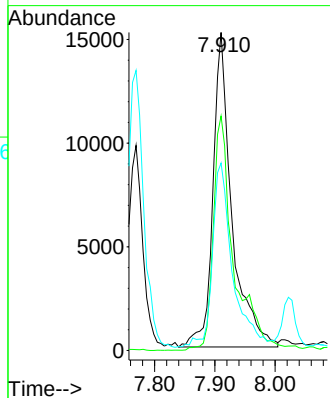
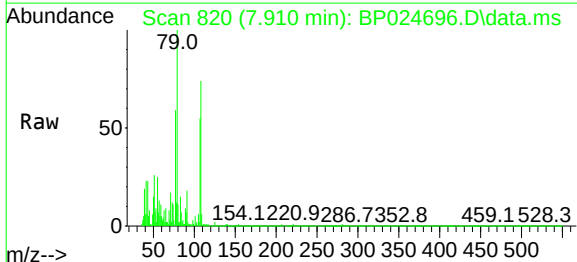




#15
Benzyl Alcohol
Concen: 4.325 ng
RT: 7.910 min Scan# 82
Delta R.T. 0.006 min
Lab File: BP024696.D
Acq: 19 May 2025 19:40

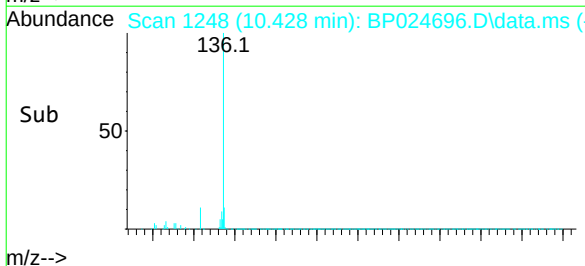
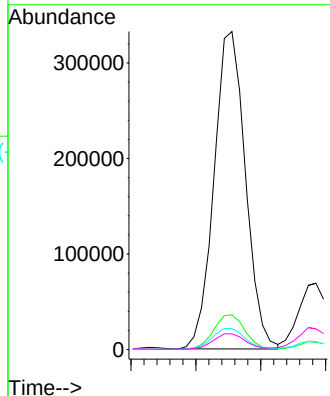
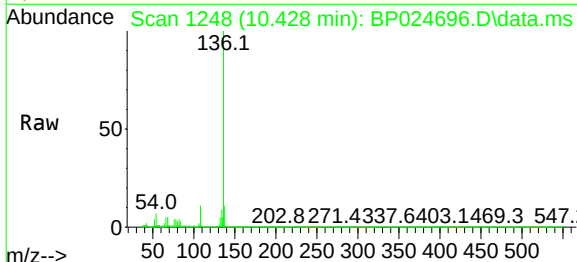
Instrument :
BNA_P
ClientSampleId :
303-PPR-FRAC

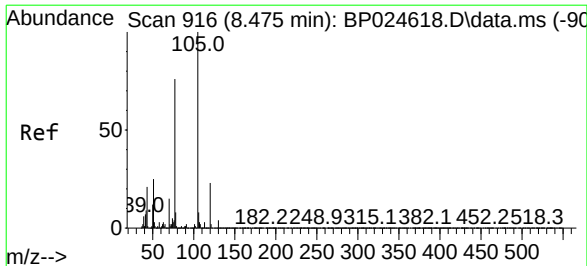
Tgt Ion: 79	Resp: 33205
Ion Ratio	Lower Upper
79 100	
108 73.7	60.8 91.2
77 58.9	51.9 77.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.428 min Scan# 1248
Delta R.T. -0.006 min
Lab File: BP024696.D
Acq: 19 May 2025 19:40

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

Instrument :

BNA_P

ClientSampleId :

303-PPR-FRAC

Tgt Ion: 105 Resp: 1237431

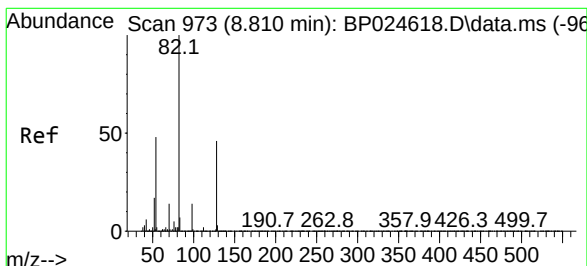
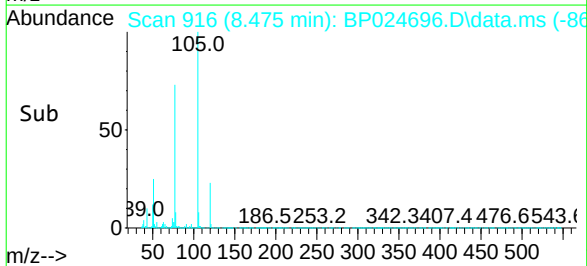
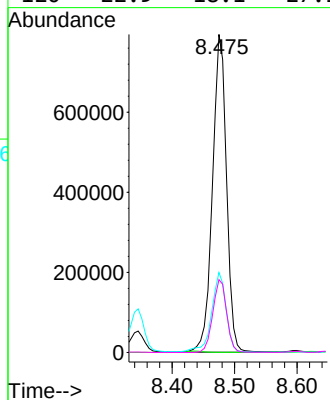
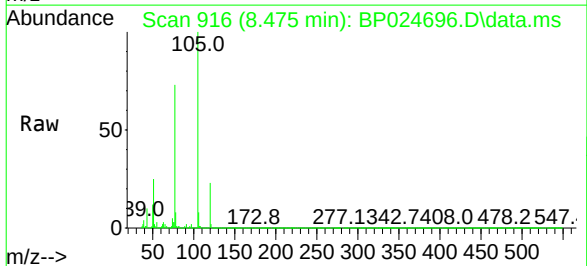
Ion Ratio Lower Upper

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# 972

Delta R.T. -0.006 min

Lab File: BP024696.D

Acq: 19 May 2025 19:40

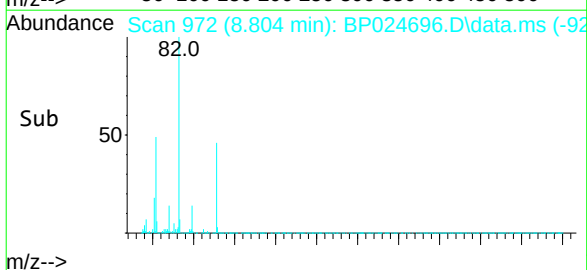
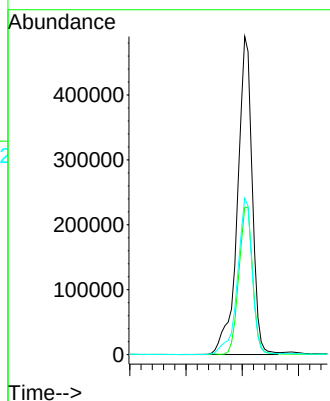
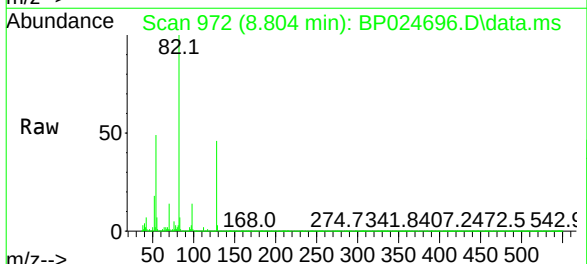
Tgt Ion: 82 Resp: 893899

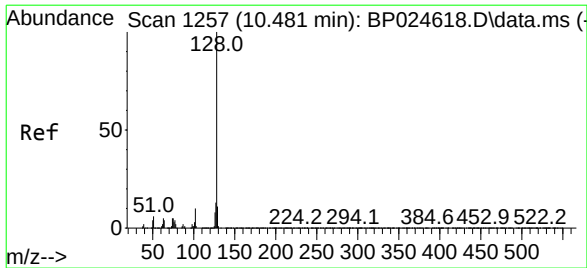
Ion Ratio Lower Upper

82 100

128 46.3 37.0 55.4

54 49.2 38.7 58.1

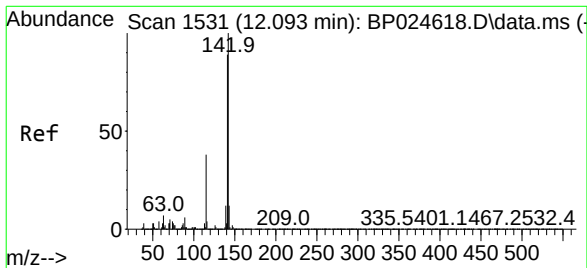
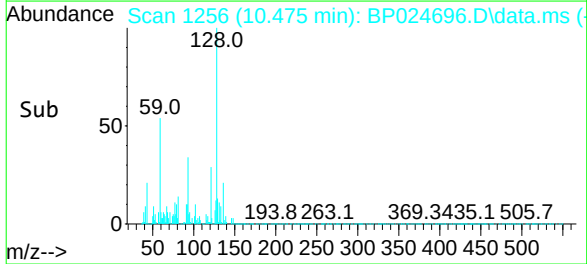
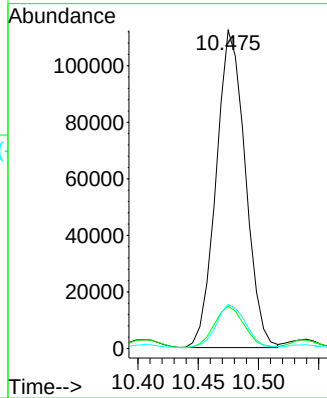
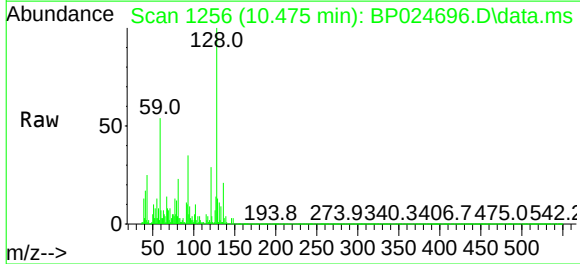




#31
Naphthalene
Concen: 6.529 ng
RT: 10.475 min Scan# 1257
Delta R.T. -0.006 min
Lab File: BP024696.D
Acq: 19 May 2025 19:40

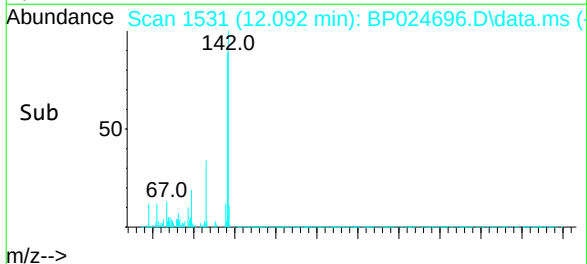
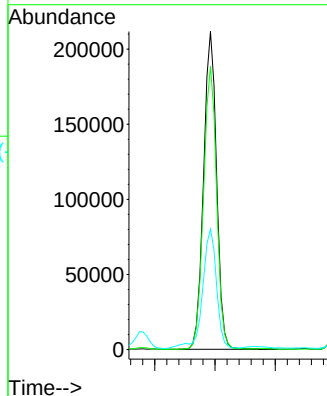
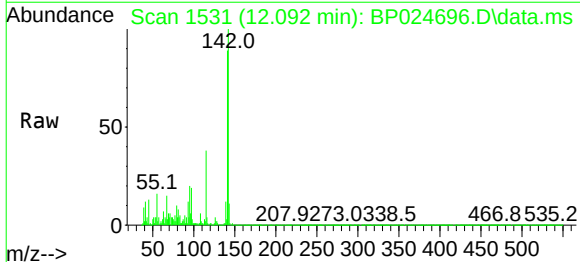
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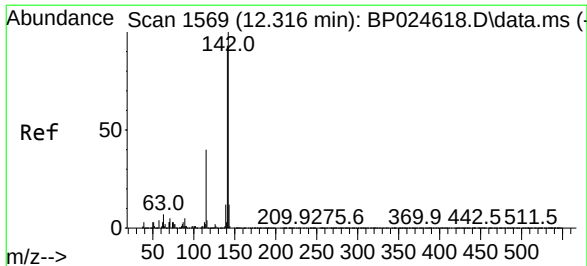
Tgt Ion:	128	Resp:	188810
Ion	Ratio	Lower	Upper
128	100		
129	13.3	8.8	13.2
127	13.8	10.7	16.1



#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

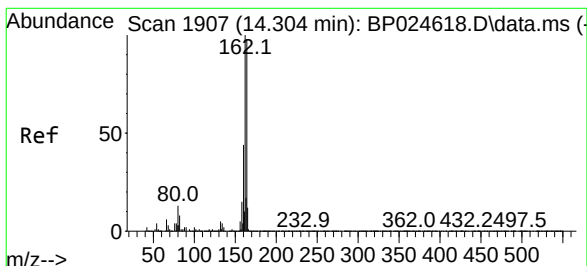
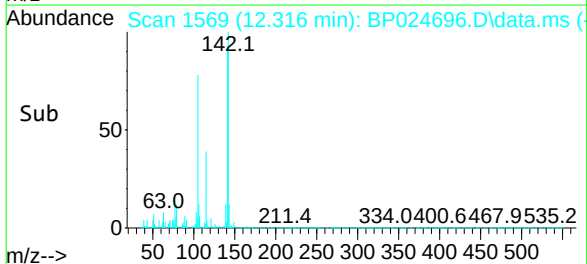
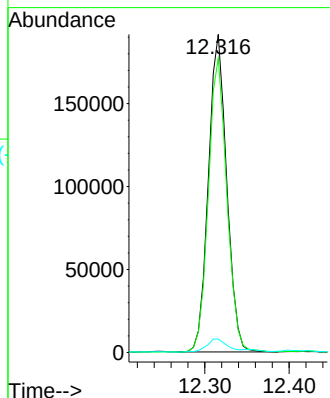
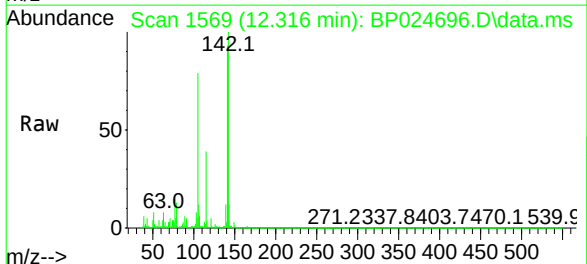




#38
1-Methylnaphthalene
Concen: 14.413 ng
RT: 12.316 min Scan# 1569
Delta R.T. -0.000 min
Lab File: BP024696.D
Acq: 19 May 2025 19:40

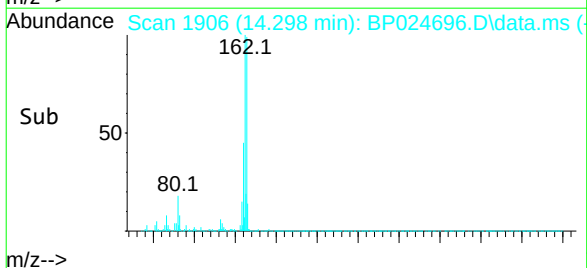
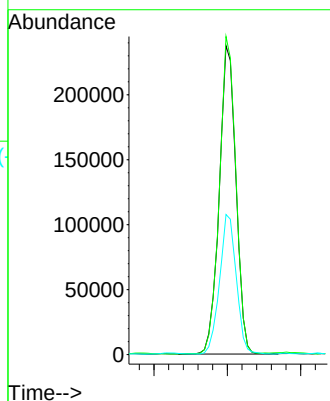
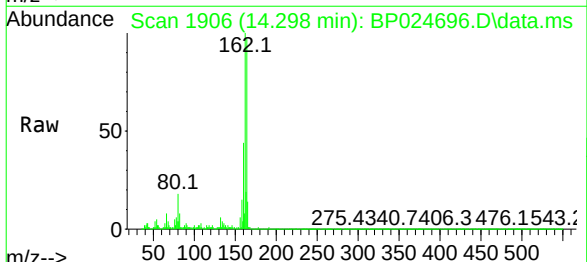
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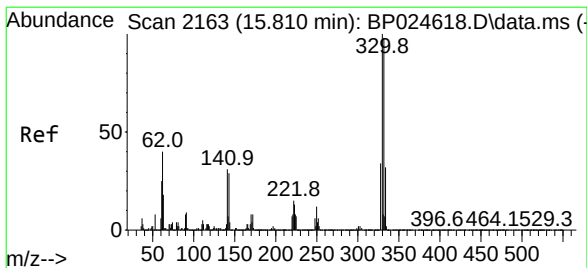
Tgt Ion:142 Resp: 288770
Ion Ratio Lower Upper
142 100
141 92.5 74.7 112.1
116 4.2 3.4 5.2



#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# 2165

Delta R.T. 0.012 min

Lab File: BP024696.D

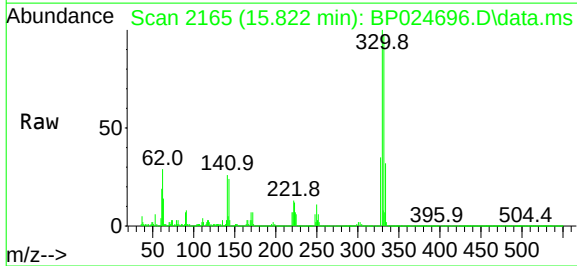
Acq: 19 May 2025 19:40

Instrument :

BNA_P

ClientSampleId :

303-PPR-FRAC



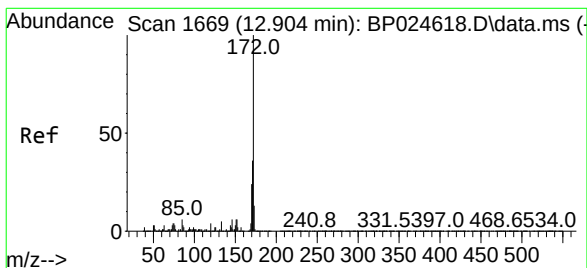
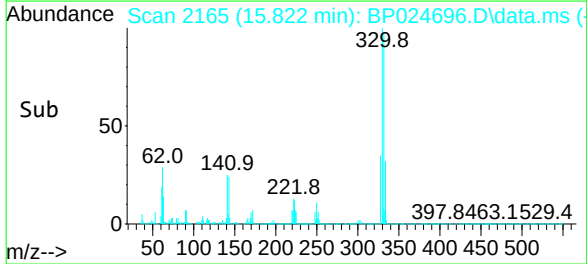
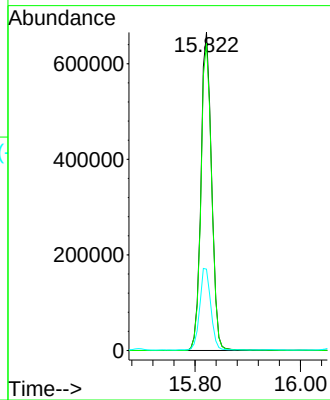
Tgt Ion: 330 Resp: 932116

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

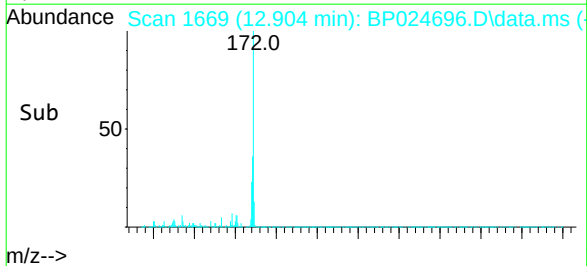
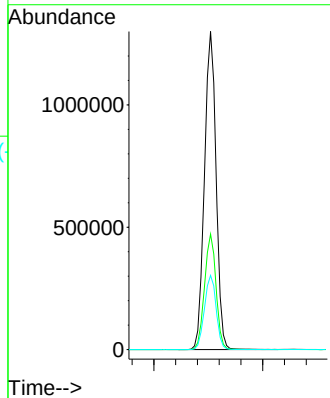
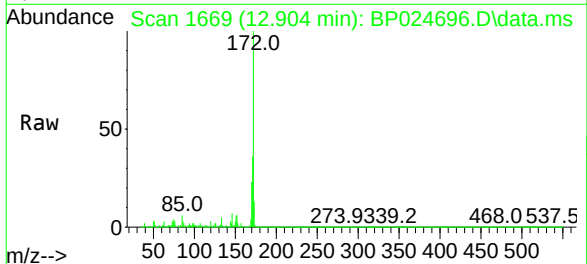
Tgt Ion: 172 Resp: 1930557

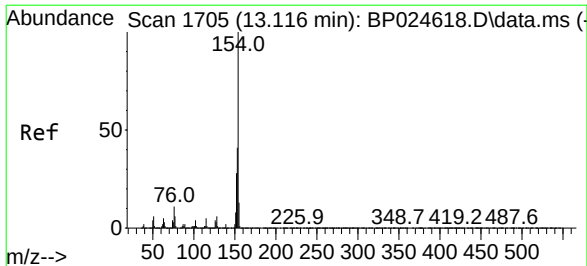
Ion Ratio Lower Upper

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# 1705

Delta R.T. -0.000 min

Lab File: BP024696.D

Acq: 19 May 2025 19:40

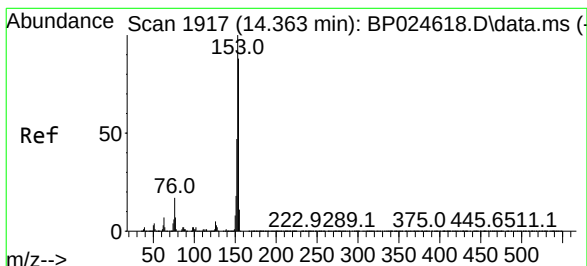
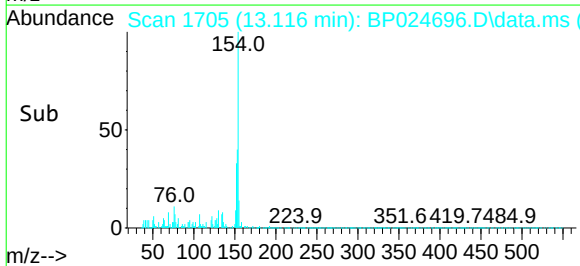
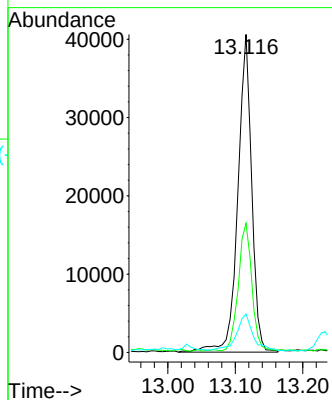
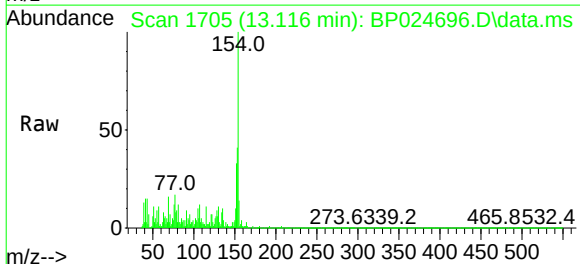
Instrument :

BNA_P

ClientSampleId :

303-PPR-FRAC

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

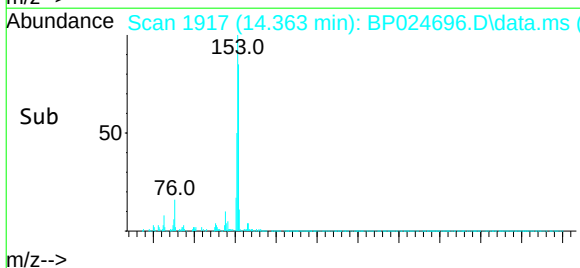
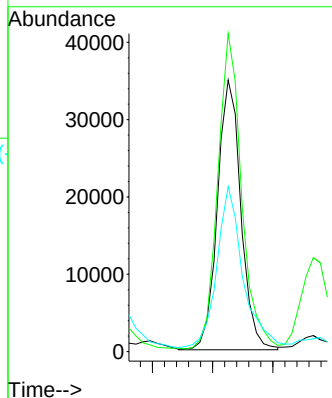
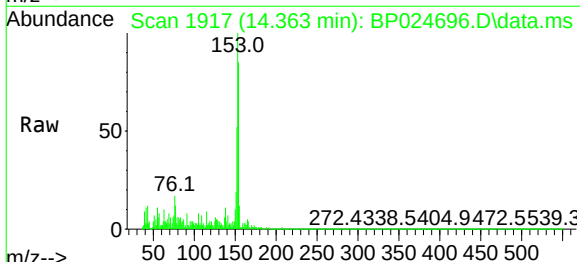
RT: 14.363 min Scan# 1917

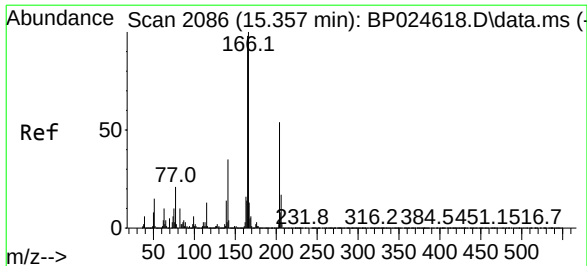
Delta R.T. -0.000 min

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





#58

Fluorene

Concen: 2.125 ng

RT: 15.369 min Scan# 2086

Delta R.T. 0.012 min

Lab File: BP024696.D

Acq: 19 May 2025 19:40

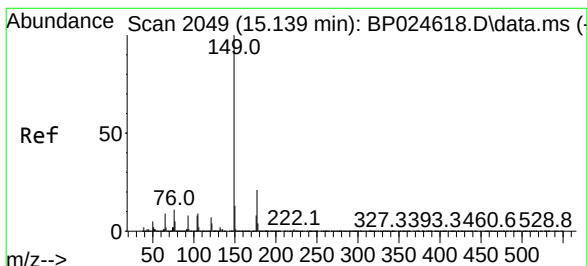
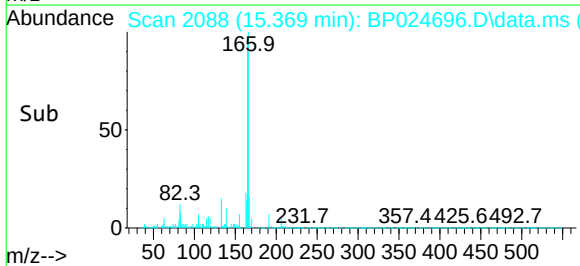
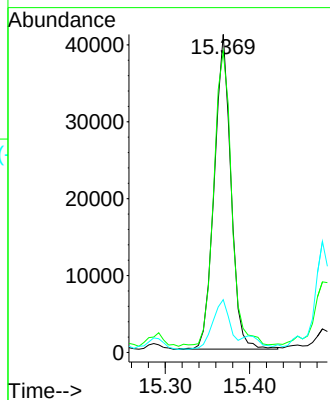
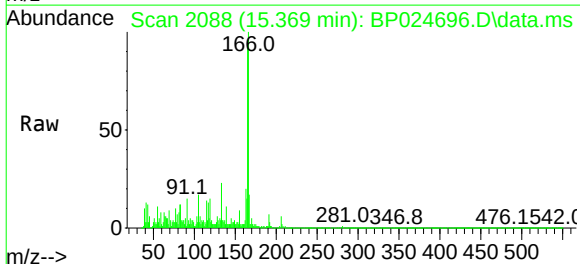
Instrument :

BNA_P

ClientSampleId :

303-PPR-FRAC

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

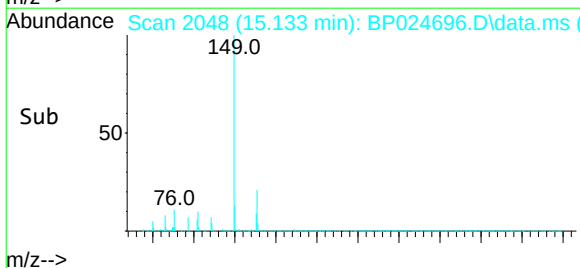
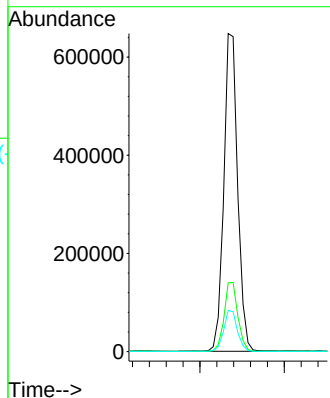
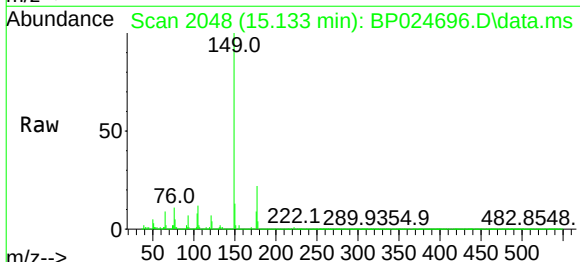
RT: 15.133 min Scan# 2048

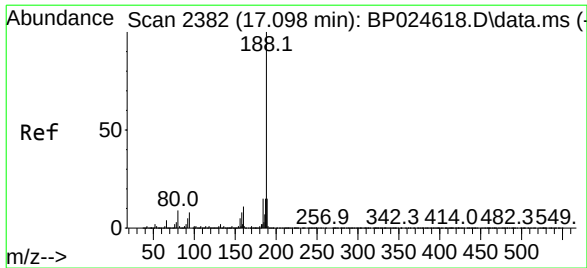
Delta R.T. -0.006 min

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





#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

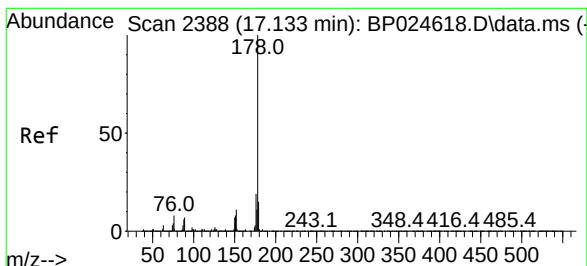
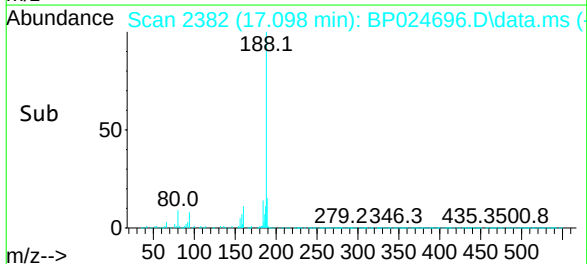
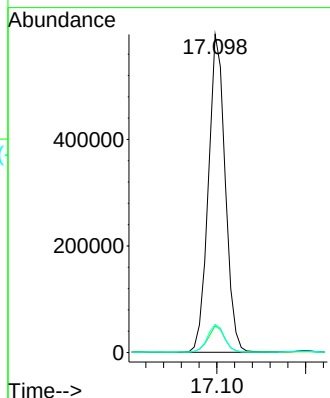
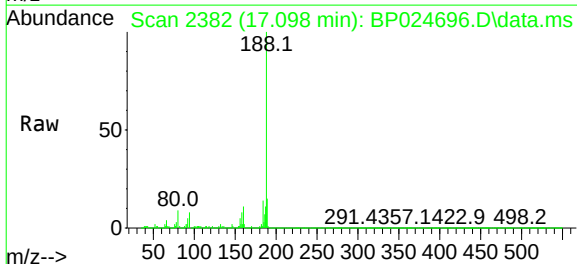
Instrument :

BNA_P

ClientSampleId :

303-PPR-FRAC

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

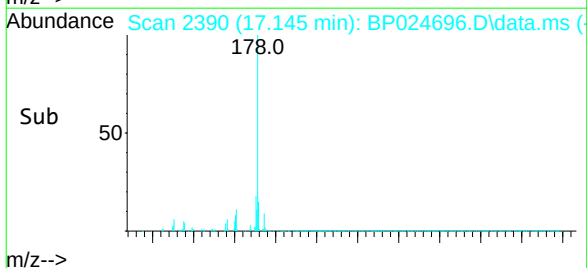
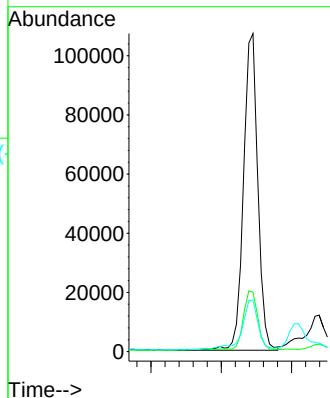
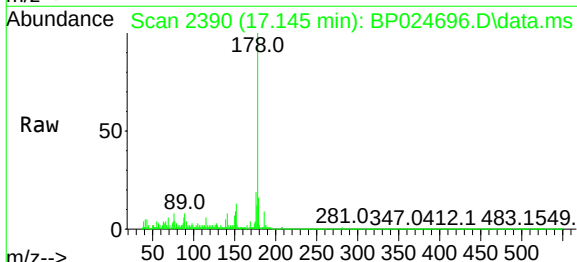
RT: 17.145 min Scan# 2390

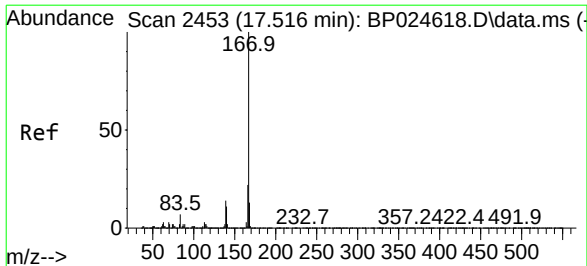
Delta R.T. 0.012 min

Lab File: BP024696.D

Acq: 19 May 2025 19:40

Tgt Ion:	178	Resp:	151507
Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.2
179	16.2	12.2	18.4





#73

Carbazole

Concen: 3.613 ng

RT: 17.527 min Scan# 2455

Delta R.T. 0.012 min

Lab File: BP024696.D

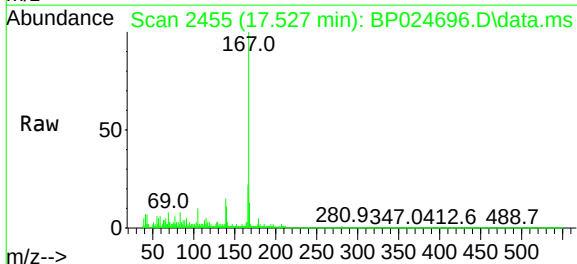
Acq: 19 May 2025 19:40

Instrument :

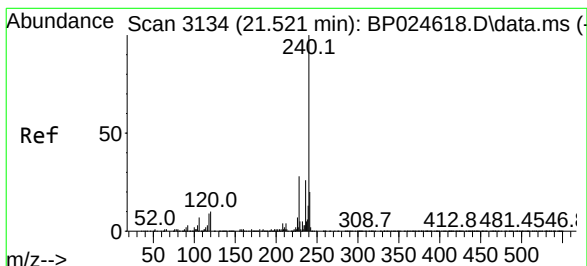
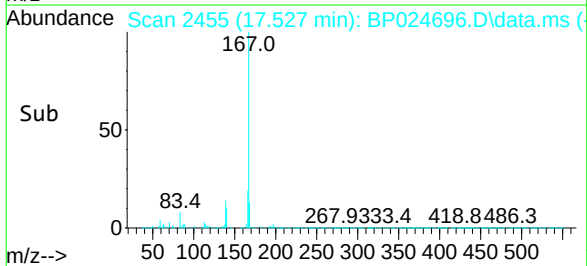
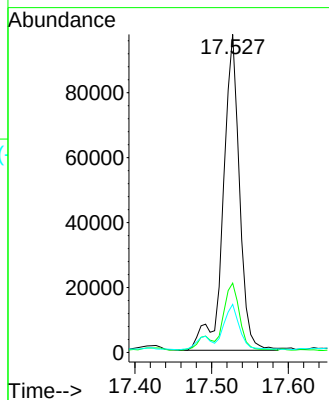
BNA_P

ClientSampleId :

303-PPR-FRAC



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

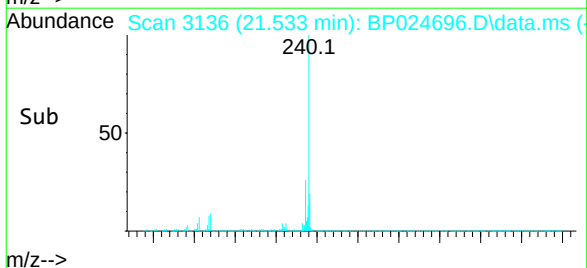
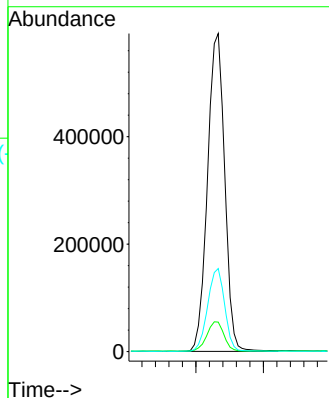
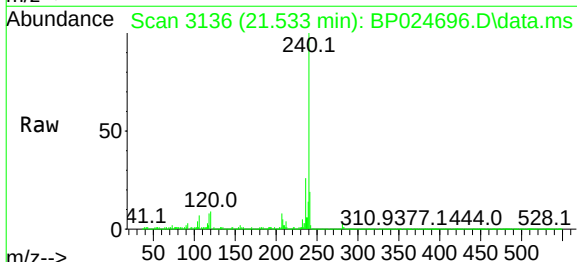
RT: 21.533 min Scan# 3136

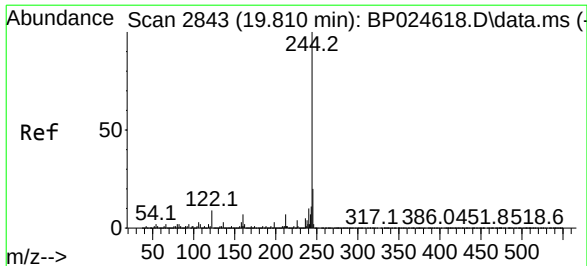
Delta R.T. 0.012 min

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# 2843

Delta R.T. 0.012 min

Lab File: BP024696.D

Acq: 19 May 2025 19:40

Instrument :

BNA_P

ClientSampleId :

303-PPR-FRAC

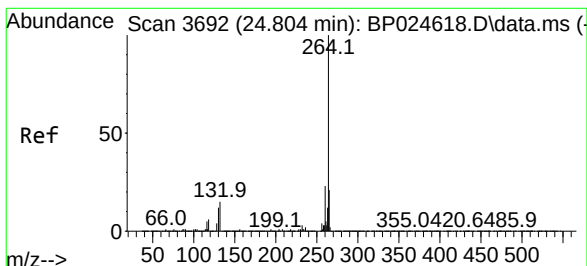
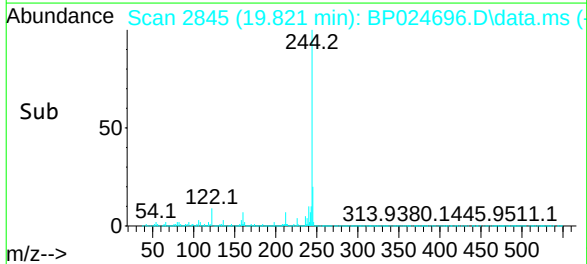
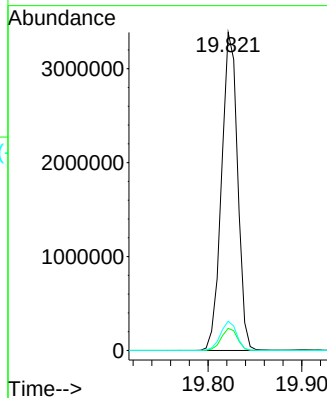
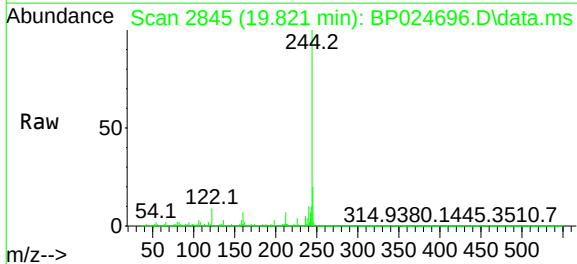
Tgt Ion:244 Resp: 4036503

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

