

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082224\
 Data File : BP021611.D
 Acq On : 22 Aug 2024 12:57
 Operator : RC/JU
 Sample : P3671-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 S-905-KJ-SO-0-0.5-081924

Quant Time: Aug 22 13:43:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 11:12:31 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

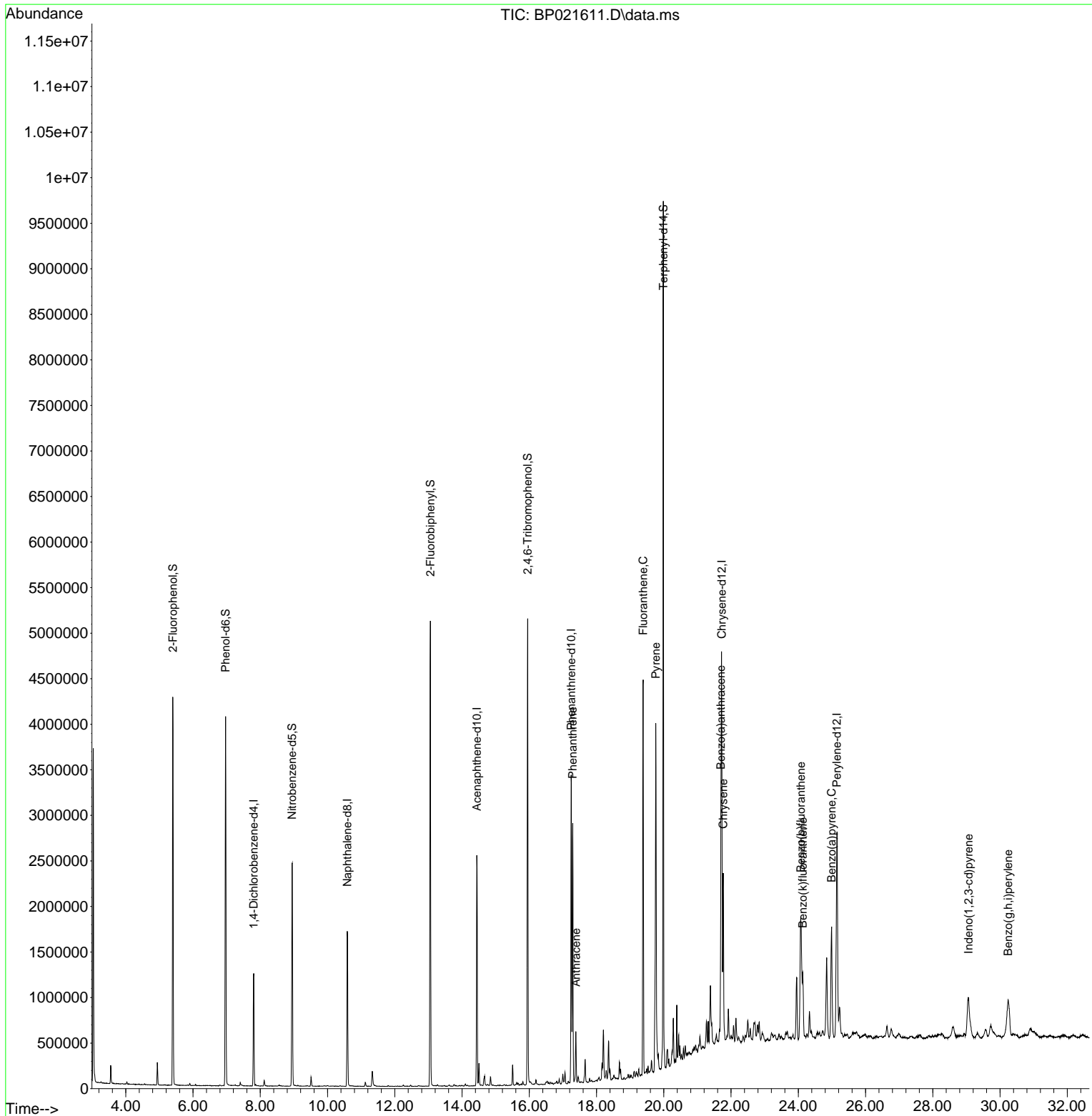
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	333595	20.000	ng	0.00
21) Naphthalene-d8	10.587	136	1347155	20.000	ng	0.00
39) Acenaphthene-d10	14.439	164	908710	20.000	ng	0.00
64) Phenanthrene-d10	17.245	188	2015238	20.000	ng	0.00
76) Chrysene-d12	21.721	240	2006773	20.000	ng	0.00
86) Perylene-d12	25.151	264	2308445	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	1910919	85.057	ng	0.00
7) Phenol-d6	6.969	99	2709912	82.687	ng	0.00
23) Nitrobenzene-d5	8.946	82	1596220	61.158	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	990170	97.905	ng	0.00
45) 2-Fluorobiphenyl	13.057	172	2543141	42.711	ng	0.00
79) Terphenyl-d14	19.986	244	4087629	39.572	ng	0.01
Target Compounds						
						Qvalue
71) Phenanthrene	17.292	178	1717372	17.720	ng	99
72) Anthracene	17.386	178	360483	3.793	ng	99
75) Fluoranthene	19.386	202	2944521	24.761	ng	99
78) Pyrene	19.763	202	2542639	19.385	ng	100
81) Benzo(a)anthracene	21.698	228	1317142	10.455	ng	97
83) Chrysene	21.768	228	1272995	10.703	ng	97
87) Indeno(1,2,3-cd)pyrene	29.068	276	823898	5.506	ng	# 91
88) Benzo(b)fluoranthene	24.074	252	1740944	13.131	ng	99
89) Benzo(k)fluoranthene	24.133	252	625420m	4.836	ng	
90) Benzo(a)pyrene	24.992	252	1240051	10.778	ng	100
92) Benzo(g,h,i)perylene	30.244	276	789547	6.336	ng	98

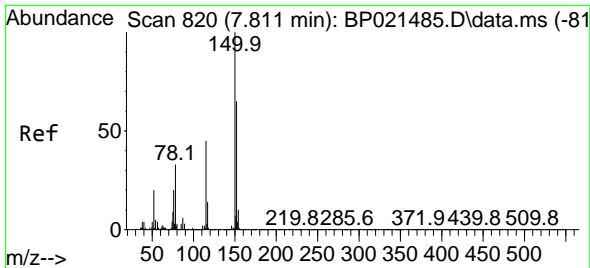
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082224\
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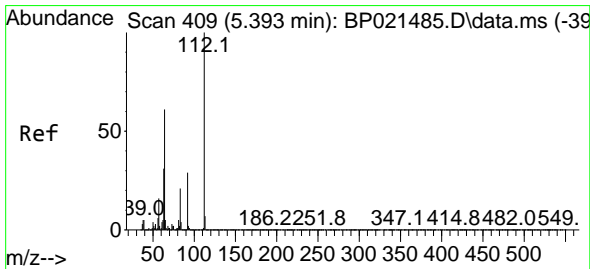
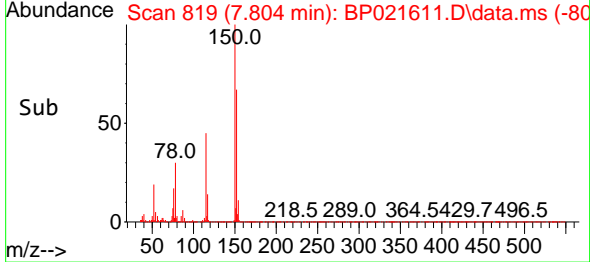
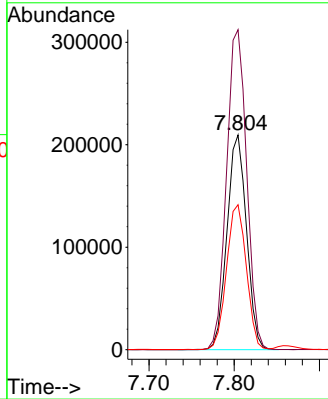
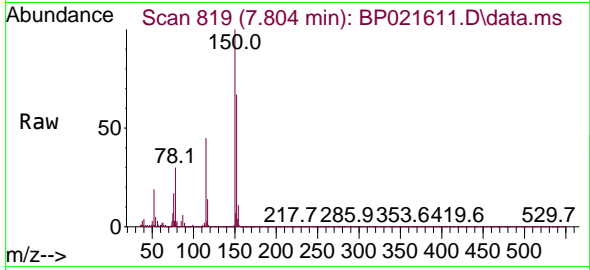


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.804 min Scan# 81
 Delta R.T. -0.001 min
 Lab File: BP021611.D
 Acq: 22 Aug 2024 12:57

Instrument :
 BNA_P
 ClientSampleId :
 S-905-KJ-SO-0-0.5-081924

Tgt Ion:152 Resp: 333595

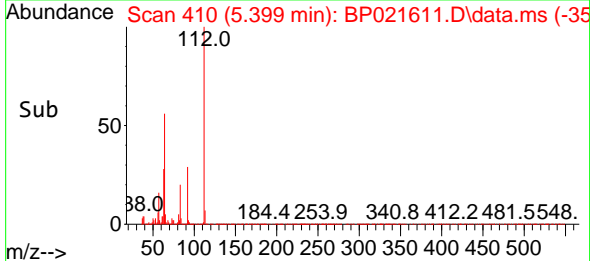
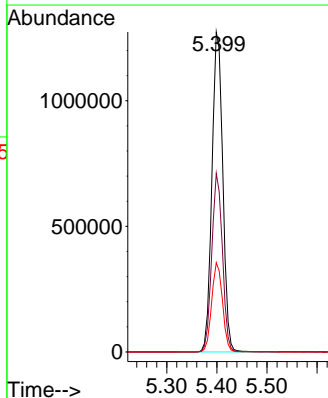
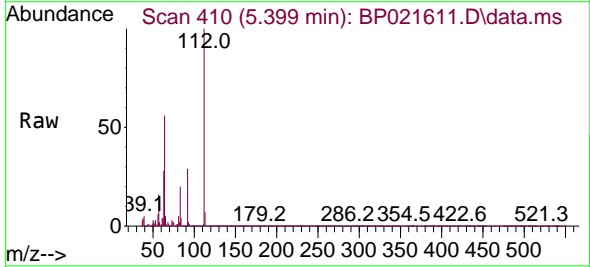
Ion	Ratio	Lower	Upper
152	100		
150	149.0	122.4	183.6
115	67.5	54.7	82.1

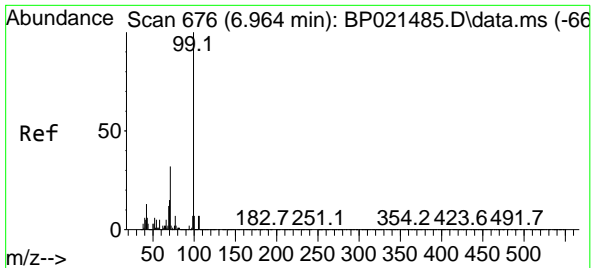


#5
 2-Fluorophenol
 Concen: 85.057 ng
 RT: 5.399 min Scan# 410
 Delta R.T. -0.000 min
 Lab File: BP021611.D
 Acq: 22 Aug 2024 12:57

Tgt Ion:112 Resp: 1910919

Ion	Ratio	Lower	Upper
112	100		
64	55.9	49.0	73.6
63	27.9	24.6	36.8



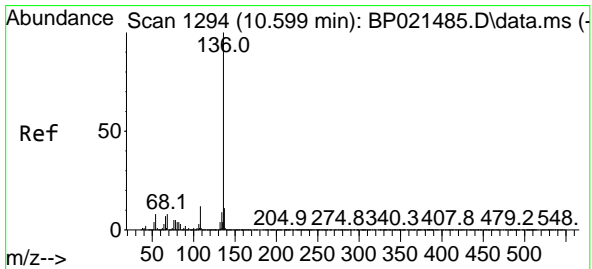
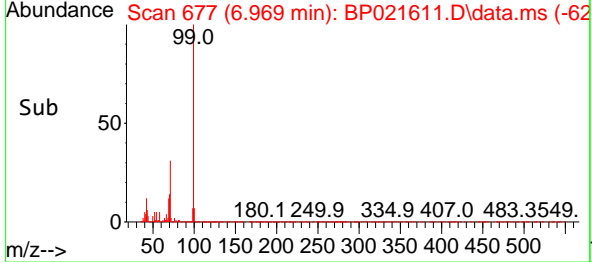
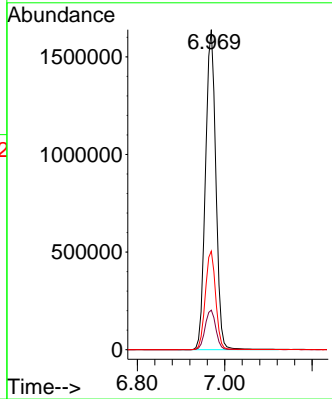
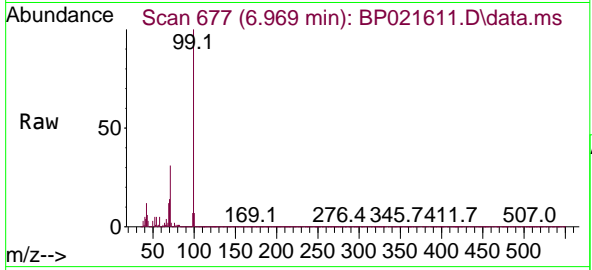


#7
 Phenol-d6
 Concen: 82.687 ng
 RT: 6.969 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BP021611.D
 Acq: 22 Aug 2024 12:57

Instrument :
 BNA_P
 ClientSampleId :
 S-905-KJ-SO-0-0.5-081924

Tgt Ion: 99 Resp: 2709912

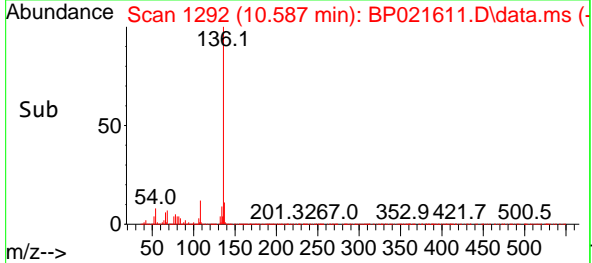
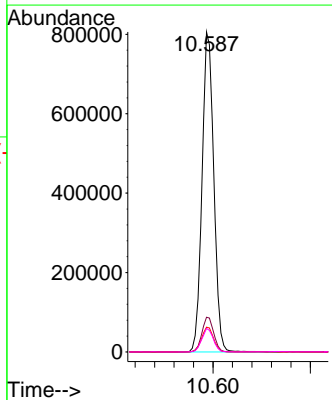
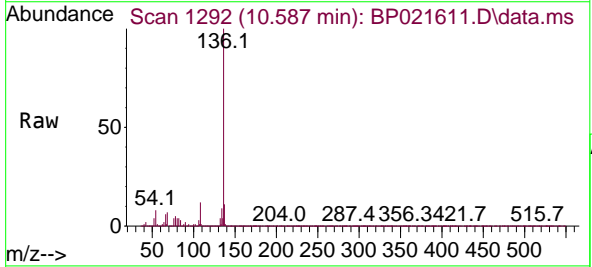
Ion	Ratio	Lower	Upper
99	100		
42	12.3	10.2	15.4
71	30.8	25.8	38.8

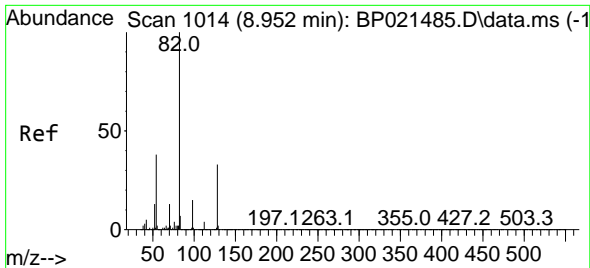


#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.587 min Scan# 1292
 Delta R.T. -0.000 min
 Lab File: BP021611.D
 Acq: 22 Aug 2024 12:57

Tgt Ion: 136 Resp: 1347155

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.7	6.3	9.5
68	7.4	6.8	10.2



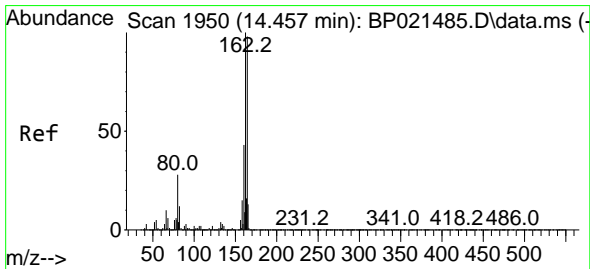
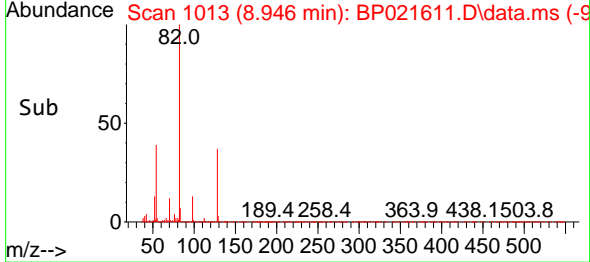
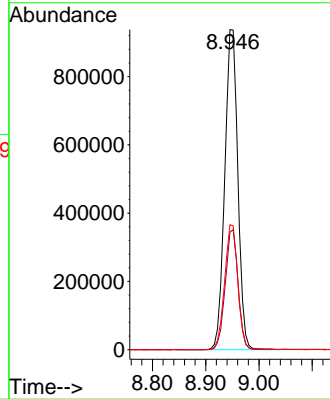
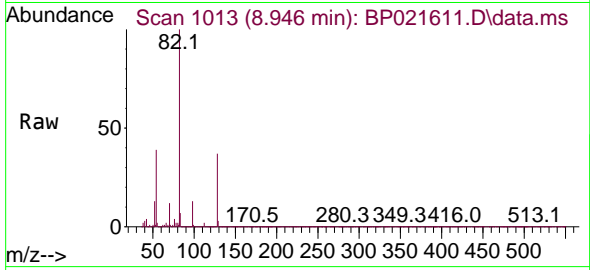


#23
 Nitrobenzene-d5
 Concen: 61.158 ng
 RT: 8.946 min Scan# 1014
 Delta R.T. -0.000 min
 Lab File: BP021611.D
 Acq: 22 Aug 2024 12:57

Instrument : BNA_P
 ClientSampleId : S-905-KJ-SO-0-0.5-081924

Tgt Ion: 82 Resp: 1596220

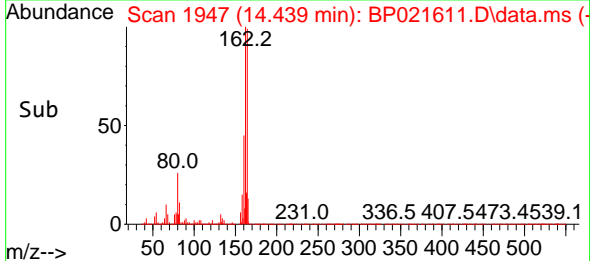
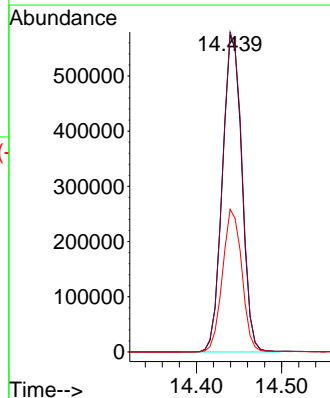
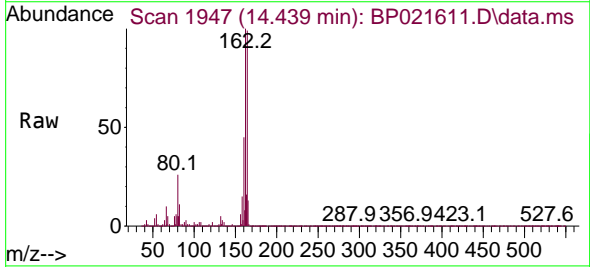
Ion	Ratio	Lower	Upper
82	100		
128	36.7	26.5	39.7
54	39.0	30.3	45.5

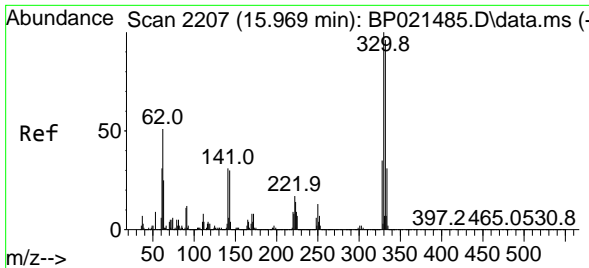


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.439 min Scan# 1947
 Delta R.T. -0.006 min
 Lab File: BP021611.D
 Acq: 22 Aug 2024 12:57

Tgt Ion: 164 Resp: 908710

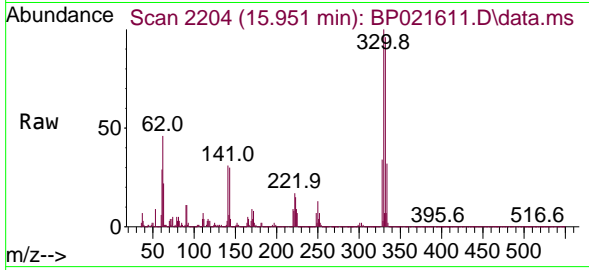
Ion	Ratio	Lower	Upper
164	100		
162	101.0	81.5	122.3
160	45.0	35.2	52.8



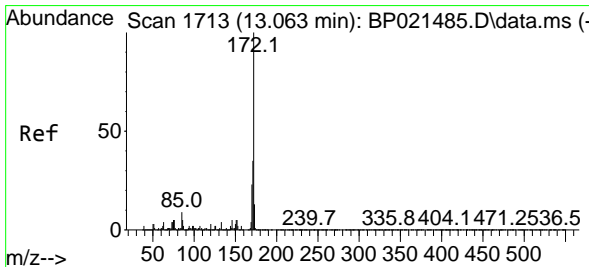
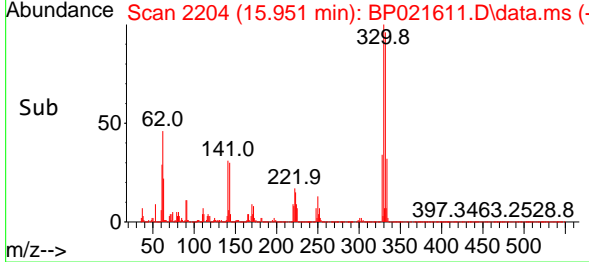
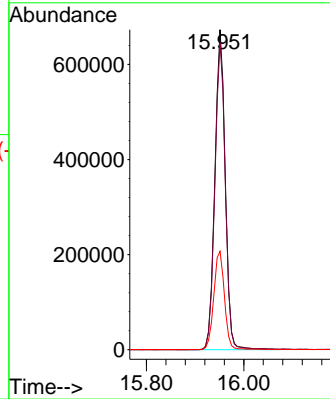


#42
 2,4,6-Tribromophenol
 Concen: 97.905 ng
 RT: 15.951 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP021611.D
 Acq: 22 Aug 2024 12:57

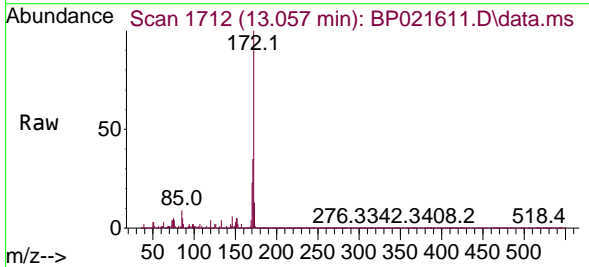
Instrument :
 BNA_P
 ClientSampleId :
 S-905-KJ-SO-0-0.5-081924



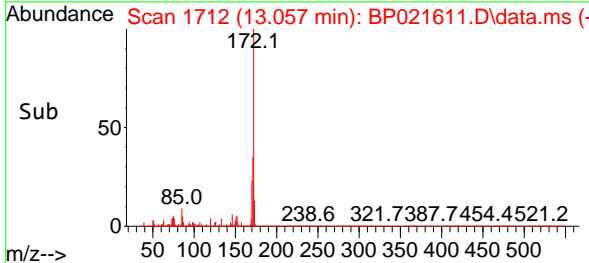
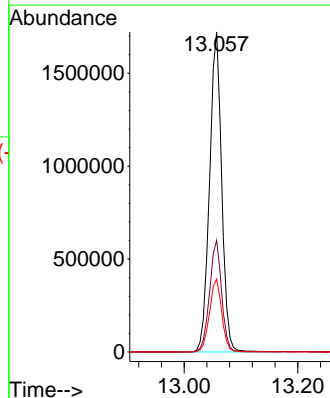
Tgt Ion:330 Resp: 990170
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.4 116.0
 141 31.6 24.5 36.7

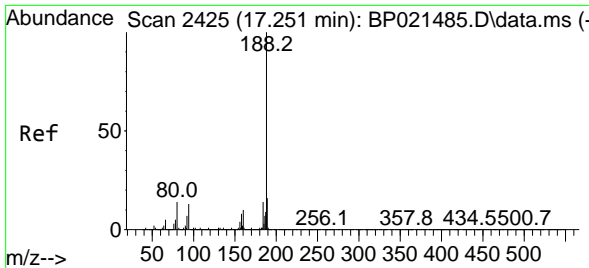


#45
 2-Fluorobiphenyl
 Concen: 42.711 ng
 RT: 13.057 min Scan# 1712
 Delta R.T. 0.006 min
 Lab File: BP021611.D
 Acq: 22 Aug 2024 12:57



Tgt Ion:172 Resp: 2543141
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.2 42.4
 170 22.8 18.4 27.6



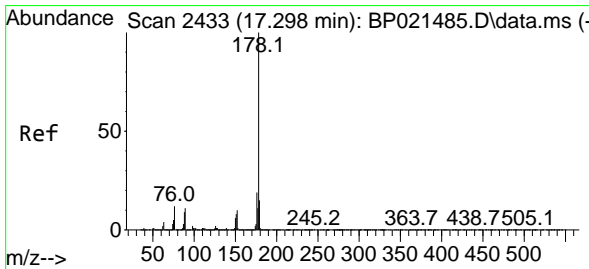
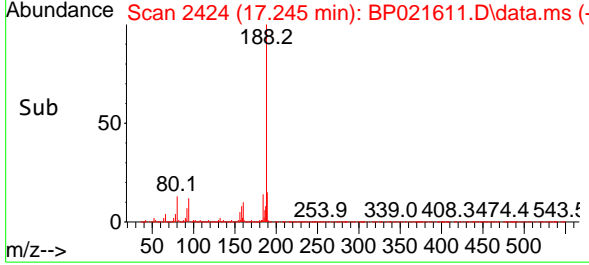
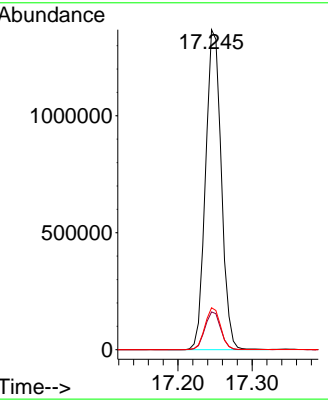
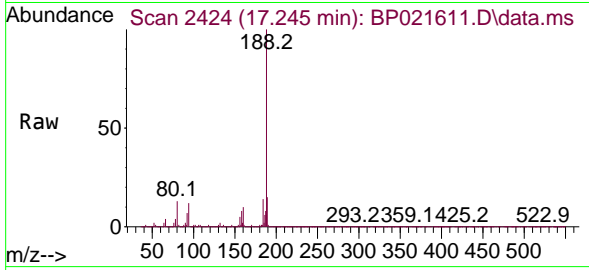


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.245 min Scan# 2425
 Delta R.T. -0.006 min
 Lab File: BP021611.D
 Acq: 22 Aug 2024 12:57

Instrument : BNA_P
 ClientSampleId : S-905-KJ-SO-0-0.5-081924

Tgt Ion:188 Resp: 2015238

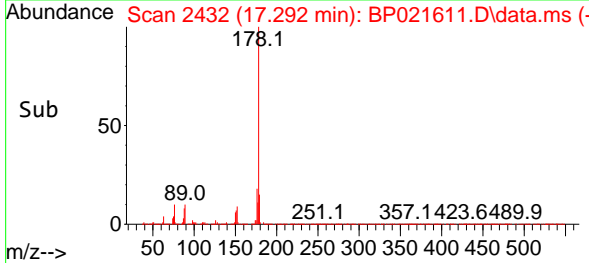
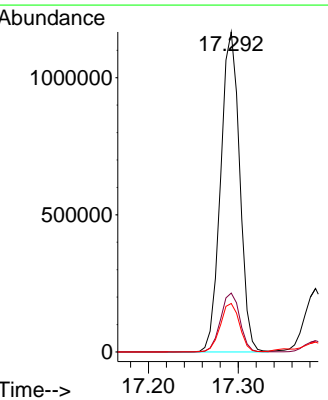
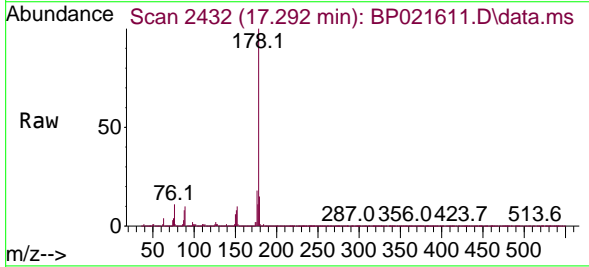
Ion	Ratio	Lower	Upper
188	100		
94	11.8	10.2	15.4
80	13.1	11.6	17.4

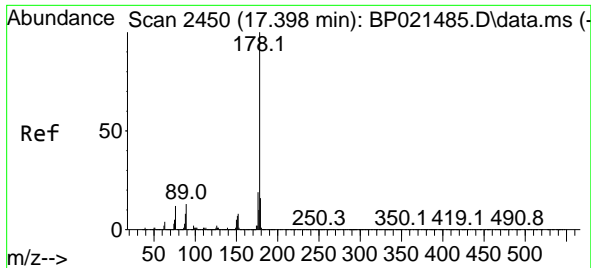


#71
 Phenanthrene
 Concen: 17.720 ng
 RT: 17.292 min Scan# 2432
 Delta R.T. -0.006 min
 Lab File: BP021611.D
 Acq: 22 Aug 2024 12:57

Tgt Ion:178 Resp: 1717372

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.4	23.2
179	15.2	12.4	18.6



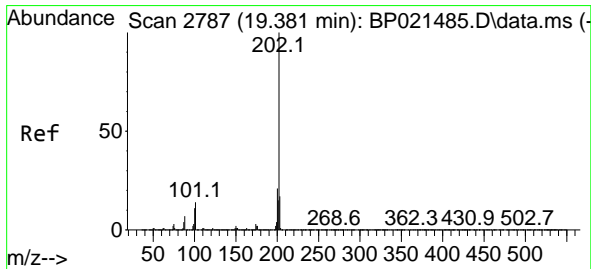
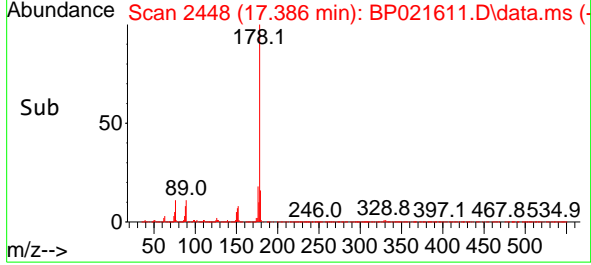
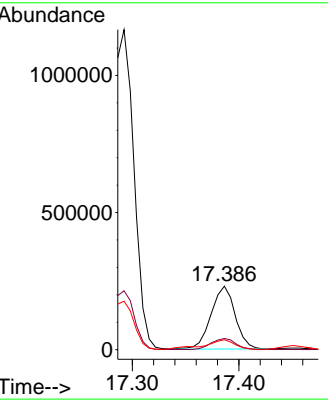
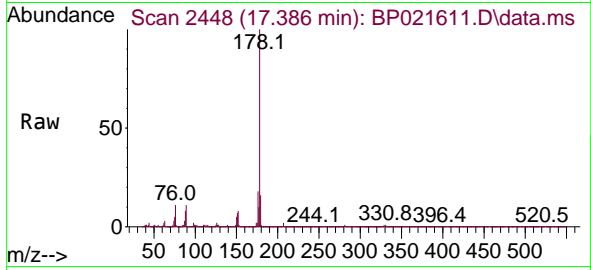


#72
 Anthracene
 Concen: 3.793 ng
 RT: 17.386 min Scan# 2448
 Delta R.T. -0.000 min
 Lab File: BP021611.D
 Acq: 22 Aug 2024 12:57

Instrument : BNA_P
 ClientSampleId : S-905-KJ-SO-0-0.5-081924

Tgt Ion:178 Resp: 360483

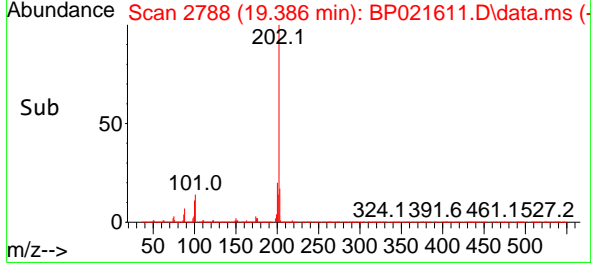
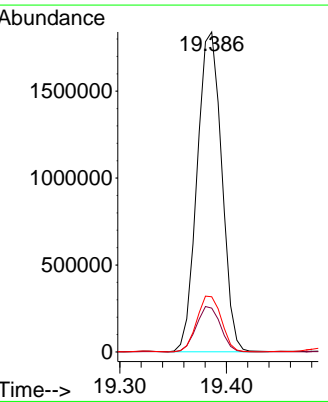
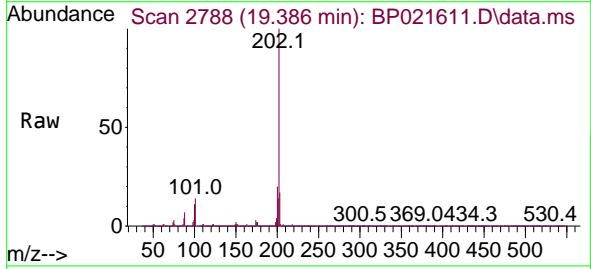
Ion	Ratio	Lower	Upper
178	100		
176	17.7	14.9	22.3
179	15.7	12.5	18.7

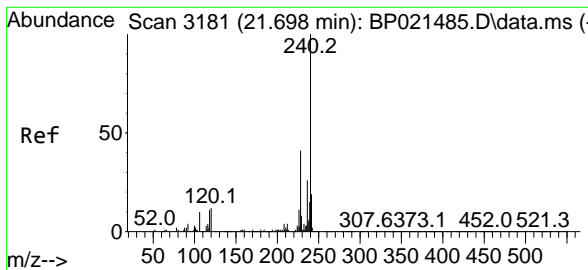


#75
 Fluoranthene
 Concen: 24.761 ng
 RT: 19.386 min Scan# 2788
 Delta R.T. 0.006 min
 Lab File: BP021611.D
 Acq: 22 Aug 2024 12:57

Tgt Ion:202 Resp: 2944521

Ion	Ratio	Lower	Upper
202	100		
101	13.7	0.0	34.0
203	17.3	0.0	37.5



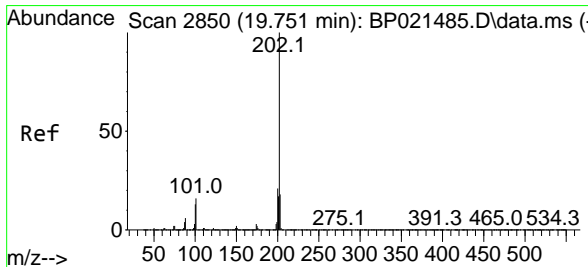
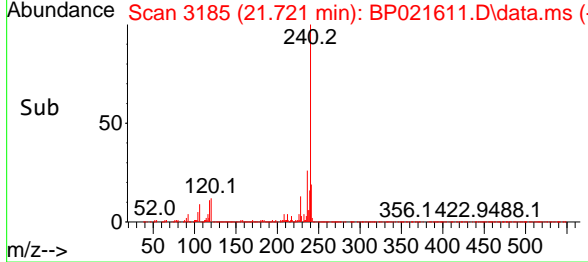
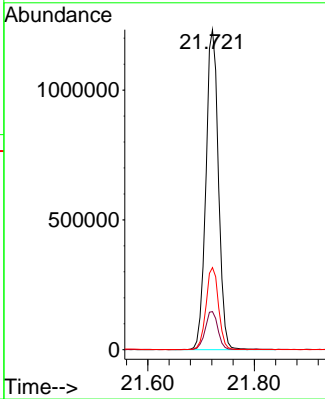
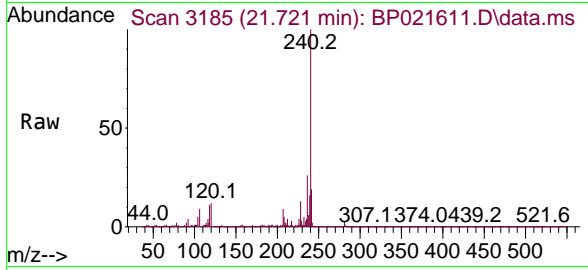


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.721 min Scan# 3185
 Delta R.T. 0.006 min
 Lab File: BP021611.D
 Acq: 22 Aug 2024 12:57

Instrument : BNA_P
 ClientSampleId : S-905-KJ-SO-0-0.5-081924

Tgt Ion:240 Resp: 2006773

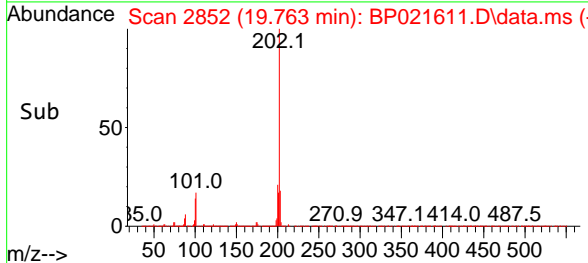
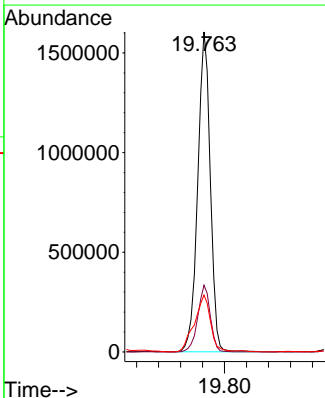
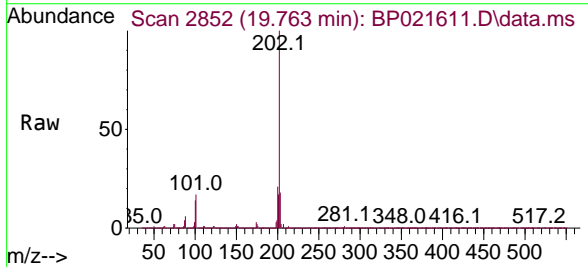
Ion	Ratio	Lower	Upper
240	100		
120	11.9	9.9	14.9
236	25.6	20.6	30.8

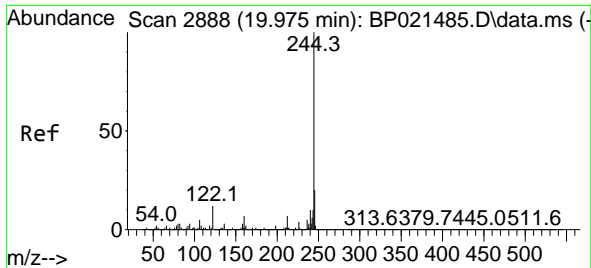


#78
 Pyrene
 Concen: 19.385 ng
 RT: 19.763 min Scan# 2852
 Delta R.T. 0.006 min
 Lab File: BP021611.D
 Acq: 22 Aug 2024 12:57

Tgt Ion:202 Resp: 2542639

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.7	25.1
203	17.8	14.1	21.1

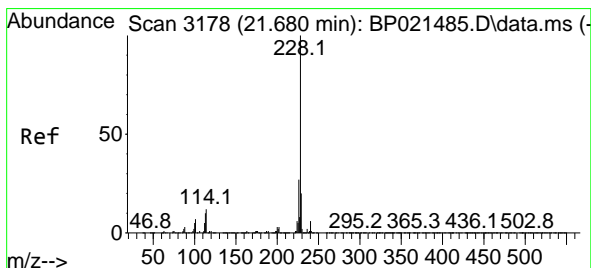
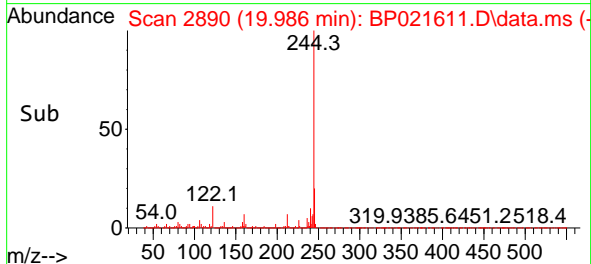
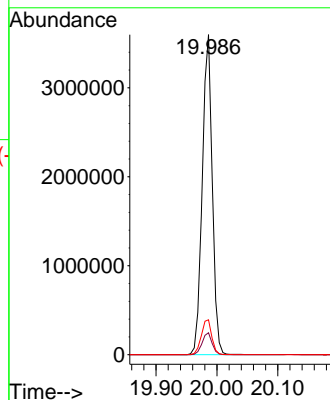
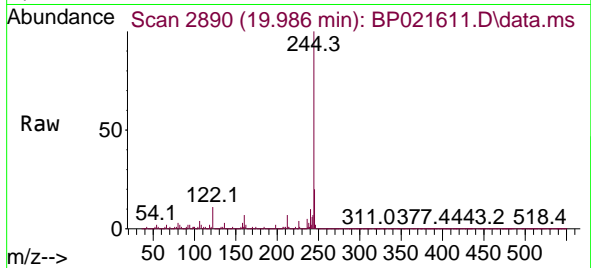




#79
 Terphenyl-d14
 Concen: 39.572 ng
 RT: 19.986 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BP021611.D
 Acq: 22 Aug 2024 12:57

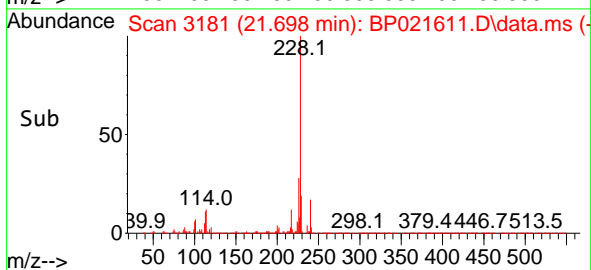
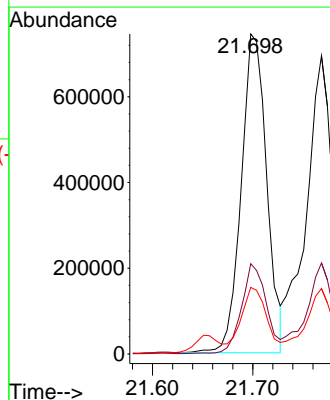
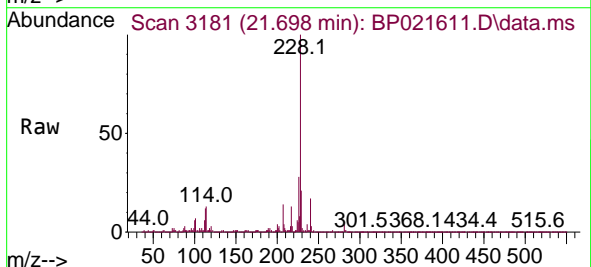
Instrument :
 BNA_P
 ClientSampleId :
 S-905-KJ-SO-0-0.5-081924

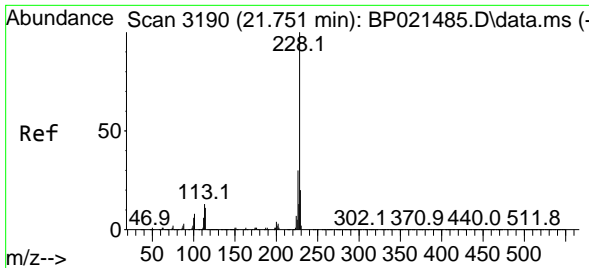
Tgt Ion:244 Resp: 4087629
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 10.9 9.4 14.2



#81
 Benzo(a)anthracene
 Concen: 10.455 ng
 RT: 21.698 min Scan# 3181
 Delta R.T. -0.000 min
 Lab File: BP021611.D
 Acq: 22 Aug 2024 12:57

Tgt Ion:228 Resp: 1317142
 Ion Ratio Lower Upper
 228 100
 226 28.2 21.4 32.2
 229 20.8 15.8 23.6



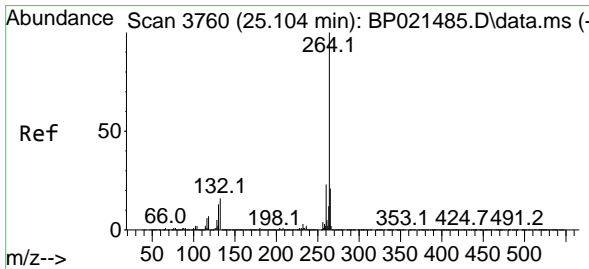
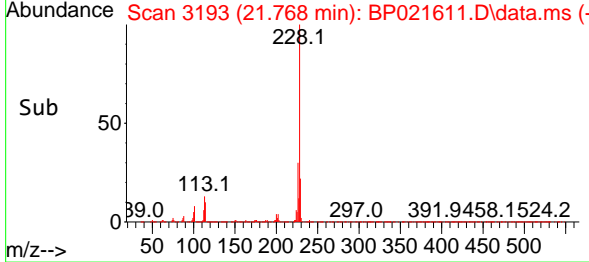
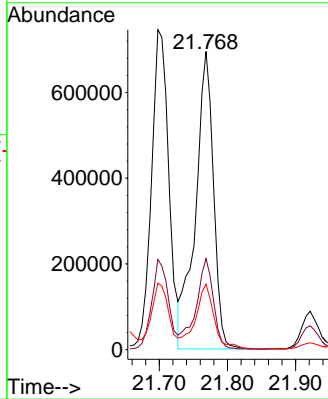
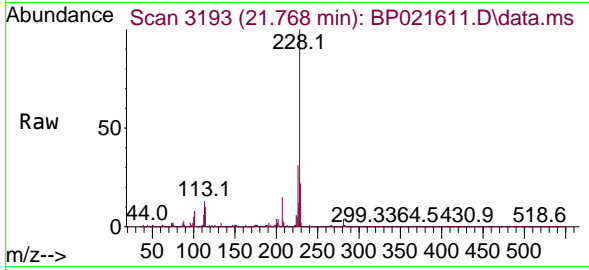


#83
 Chrysene
 Concen: 10.703 ng
 RT: 21.768 min Scan# 3193
 Delta R.T. -0.000 min
 Lab File: BP021611.D
 Acq: 22 Aug 2024 12:57

Instrument : BNA_P
 ClientSampleId : S-905-KJ-SO-0-0.5-081924

Tgt Ion:228 Resp: 1272995

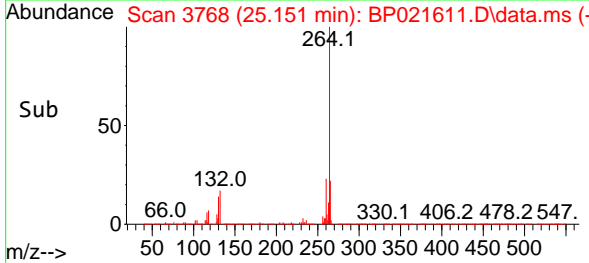
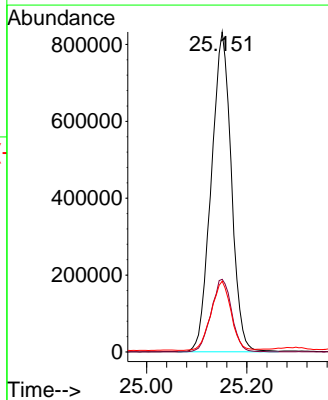
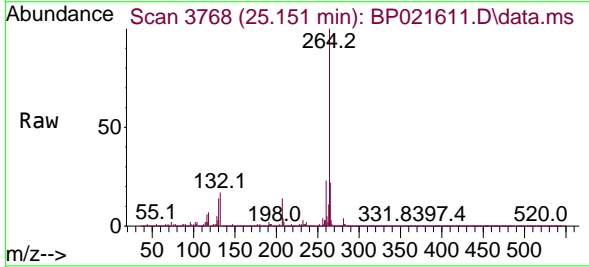
Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.9	35.9
229	21.9	15.8	23.6

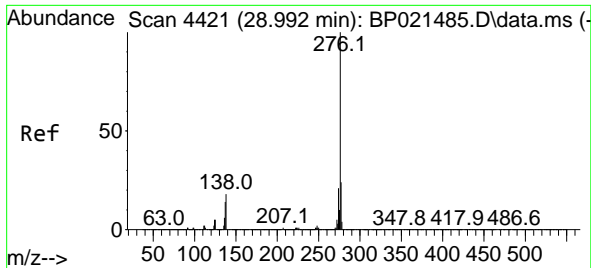


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.151 min Scan# 3768
 Delta R.T. -0.000 min
 Lab File: BP021611.D
 Acq: 22 Aug 2024 12:57

Tgt Ion:264 Resp: 2308445

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.6	28.0
265	22.1	17.1	25.7



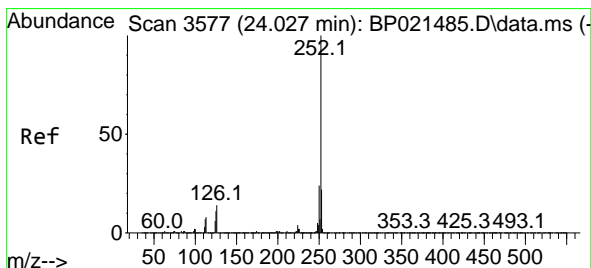
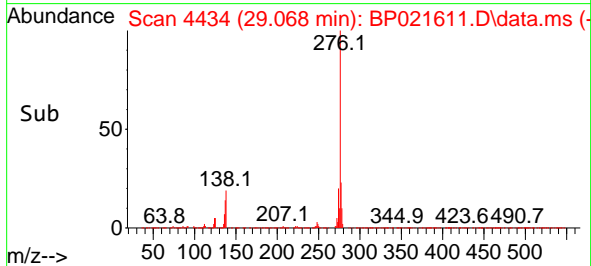
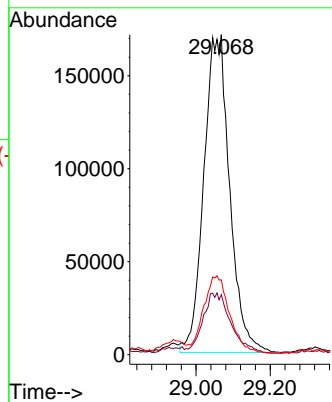
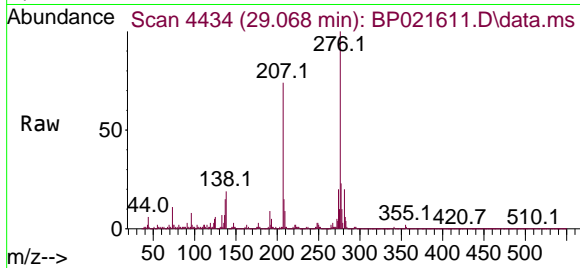


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 5.506 ng
 RT: 29.068 min Scan# 4421
 Delta R.T. 0.012 min
 Lab File: BP021611.D
 Acq: 22 Aug 2024 12:57

Instrument : BNA_P
 ClientSampleId : S-905-KJ-SO-0-0.5-081924

Tgt Ion: 276 Resp: 823898

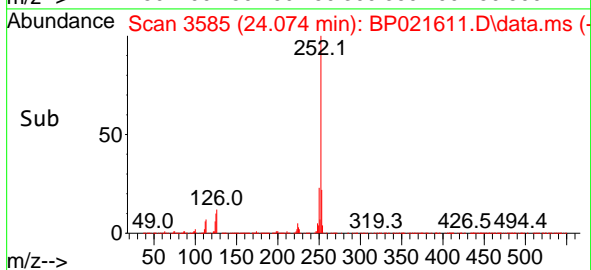
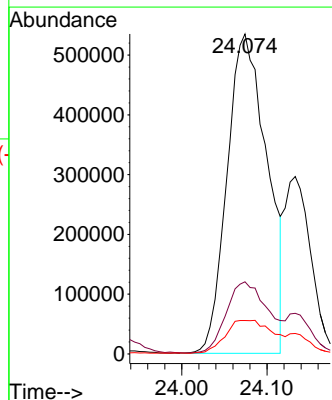
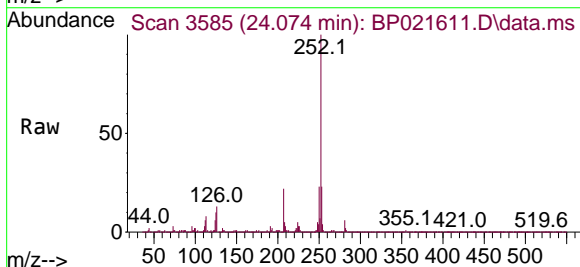
Ion	Ratio	Lower	Upper
276	100		
138	20.3	12.8	19.2#
277	24.5	16.5	24.7

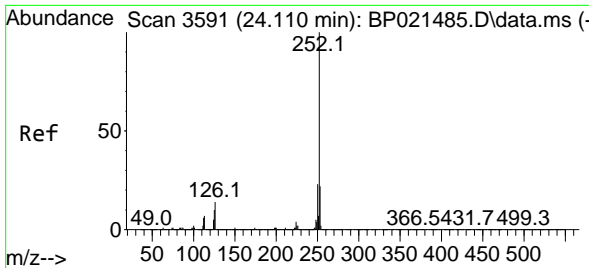


#88
 Benzo(b)fluoranthene
 Concen: 13.131 ng
 RT: 24.074 min Scan# 3585
 Delta R.T. 0.017 min
 Lab File: BP021611.D
 Acq: 22 Aug 2024 12:57

Tgt Ion: 252 Resp: 1740944

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.6	26.4
125	10.4	8.6	13.0



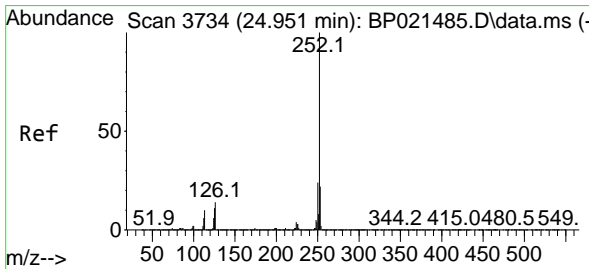
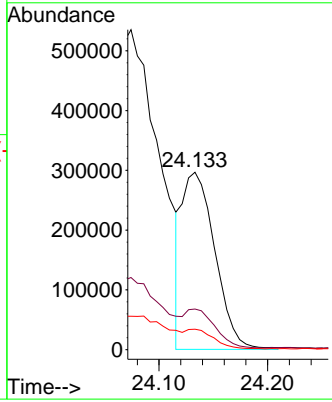
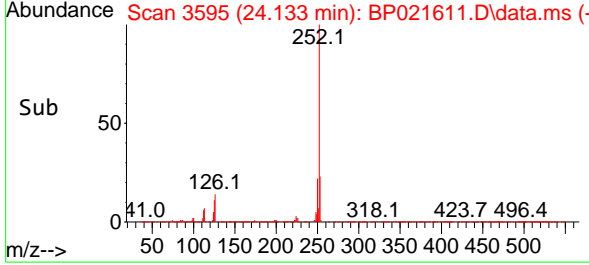
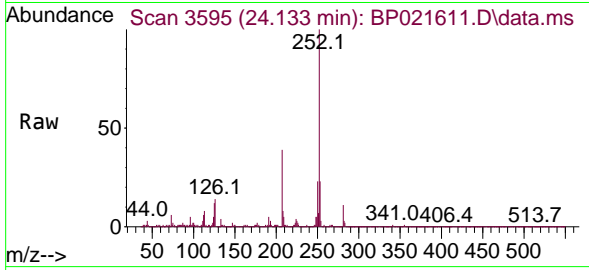


#89
 Benzo(k)fluoranthene
 Concen: 4.836 ng m
 RT: 24.133 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: BP021611.D
 Acq: 22 Aug 2024 12:57

Instrument : BNA_P
 ClientSampleId : S-905-KJ-SO-0-0.5-081924

Tgt Ion:252 Resp: 625420

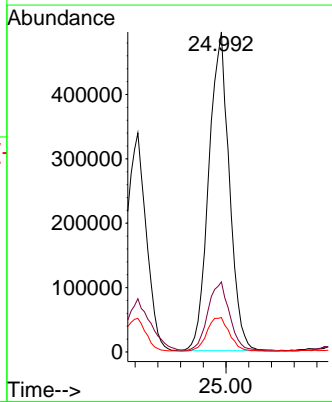
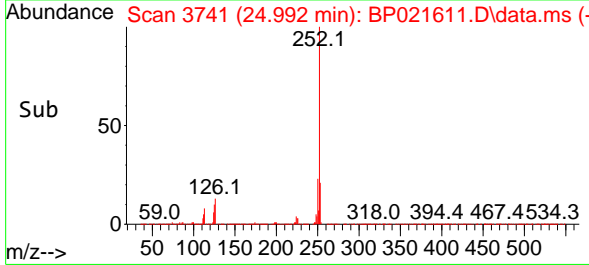
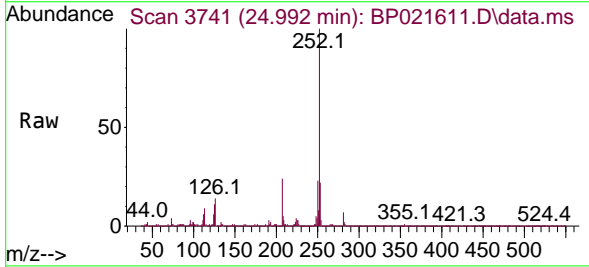
Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.5	26.3
125	11.5	7.8	11.8

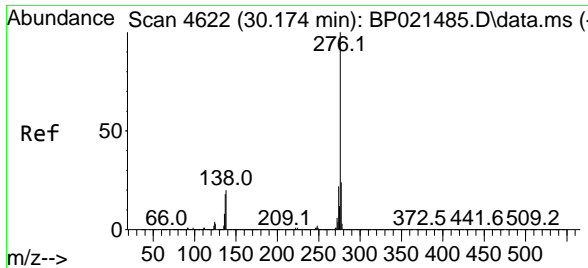


#90
 Benzo(a)pyrene
 Concen: 10.778 ng
 RT: 24.992 min Scan# 3741
 Delta R.T. 0.012 min
 Lab File: BP021611.D
 Acq: 22 Aug 2024 12:57

Tgt Ion:252 Resp: 1240051

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.7	26.5
125	10.7	8.7	13.1





#92
 Benzo(g,h,i)perylene
 Concen: 6.336 ng
 RT: 30.244 min Scan# 4
 Delta R.T. -0.018 min
 Lab File: BP021611.D
 Acq: 22 Aug 2024 12:57

Instrument :
 BNA_P
 ClientSampleId :
 S-905-KJ-SO-0-0.5-081924

Tgt Ion: 276 Resp: 789547

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.0	28.6
138	21.6	16.0	24.0

