

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP031225\  
 Data File : BP024169.D  
 Acq On : 12 Mar 2025 22:24  
 Operator : RC/JU  
 Sample : PB167078BL  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB167078BL

Quant Time: Mar 13 04:57:13 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP031225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 13 04:38:17 2025  
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	328685	20.000	ng	0.00
21) Naphthalene-d8	10.552	136	1308753	20.000	ng	0.00
39) Acenaphthene-d10	14.404	164	805317	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	1587779	20.000	ng	0.00
76) Chrysene-d12	21.657	240	1596224	20.000	ng	0.00
86) Perylene-d12	25.069	264	1738119	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	2857610	138.782	ng	0.00
7) Phenol-d6	6.952	99	3616274	131.333	ng	0.00
23) Nitrobenzene-d5	8.922	82	2056977	88.677	ng	0.00
42) 2,4,6-Tribromophenol	15.916	330	1397945	137.810	ng	0.00
45) 2-Fluorobiphenyl	13.016	172	4825477	88.354	ng	0.00
79) Terphenyl-d14	19.928	244	8013112	103.625	ng	0.00

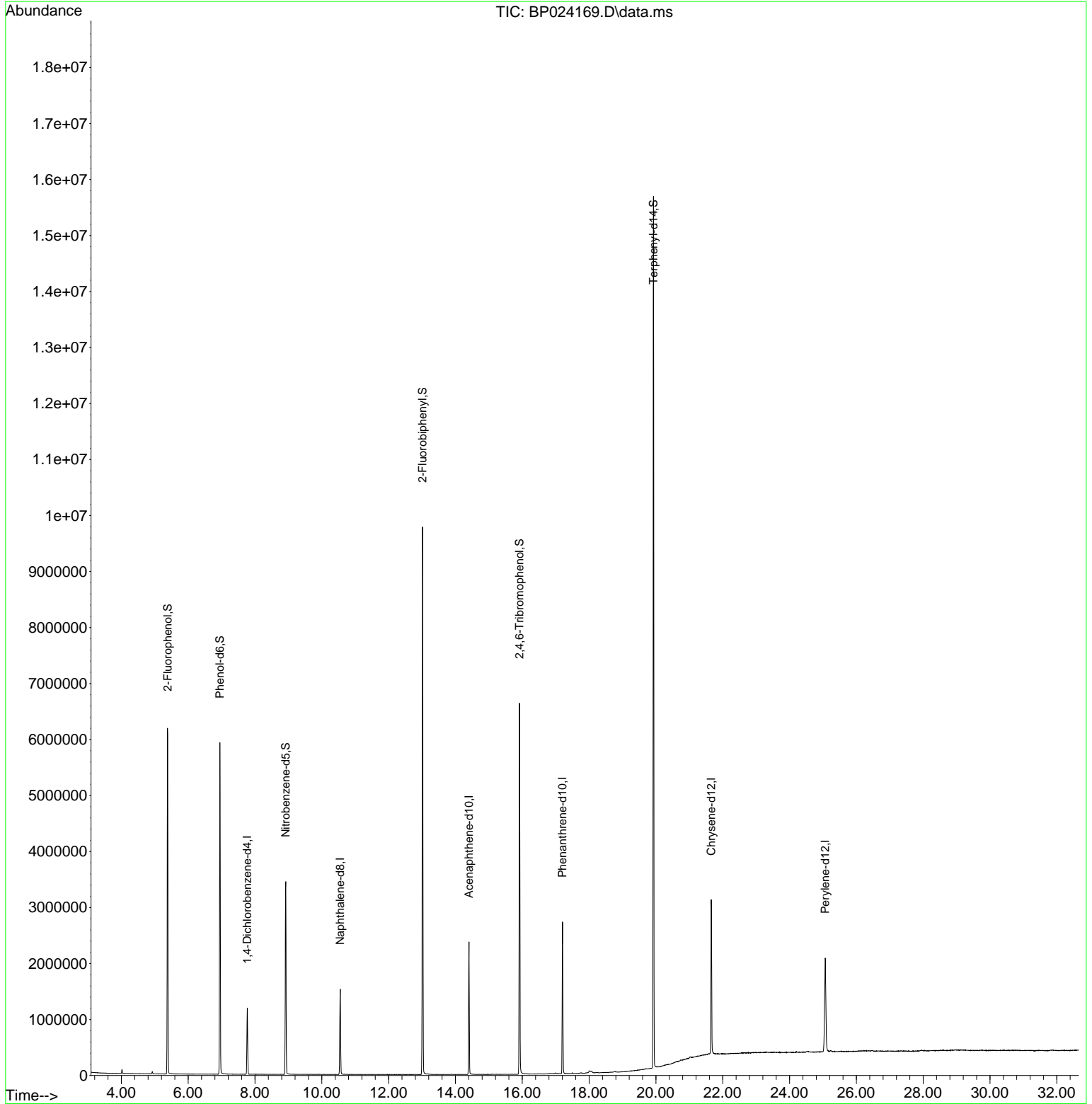
Target Compounds Qvalue

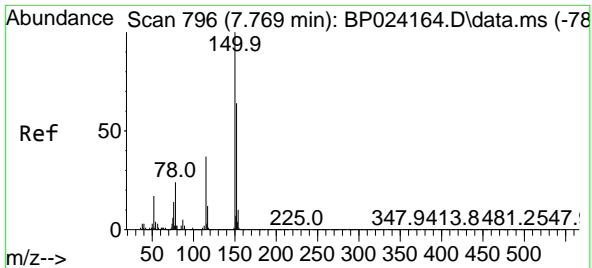
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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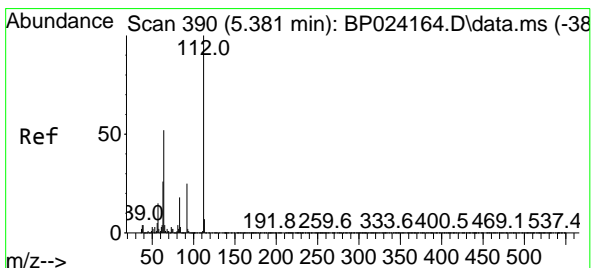
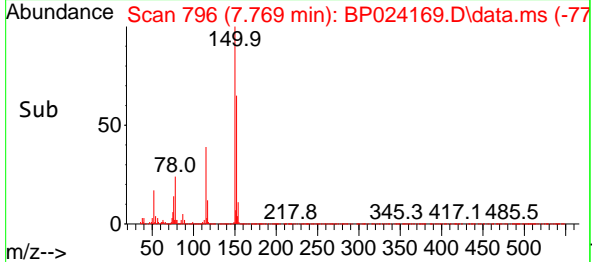
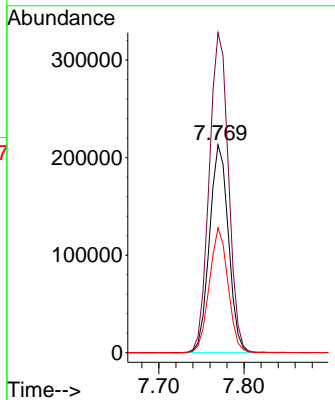
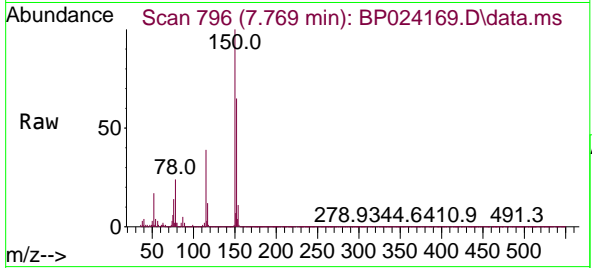




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.769 min Scan# 796  
 Delta R.T. 0.000 min  
 Lab File: BP024169.D  
 Acq: 12 Mar 2025 22:24

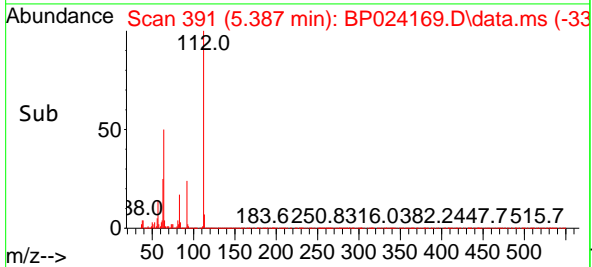
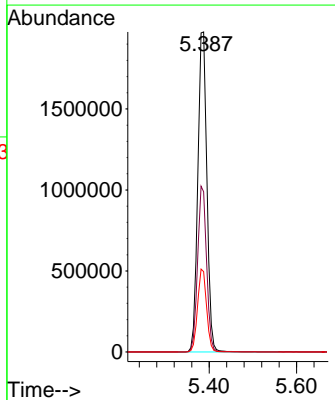
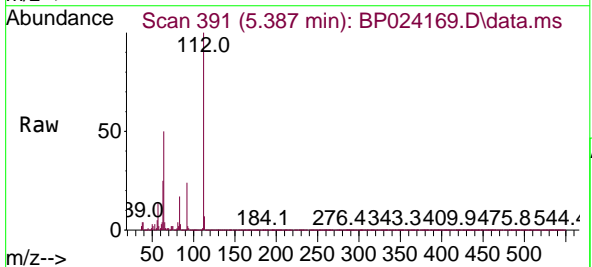
Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB167078BL

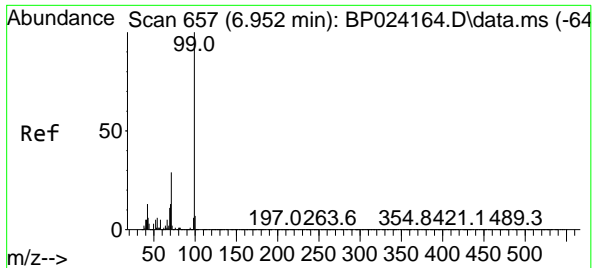
Tgt Ion	Resp	Lower	Upper
152	328685		
100	100		
150	154.0	125.5	188.3
115	60.1	46.3	69.5



#5  
 2-Fluorophenol  
 Concen: 138.782 ng  
 RT: 5.387 min Scan# 391  
 Delta R.T. 0.006 min  
 Lab File: BP024169.D  
 Acq: 12 Mar 2025 22:24

Tgt Ion	Resp	Lower	Upper
112	2857610		
100	100		
64	50.1	41.3	61.9
63	25.1	20.6	31.0



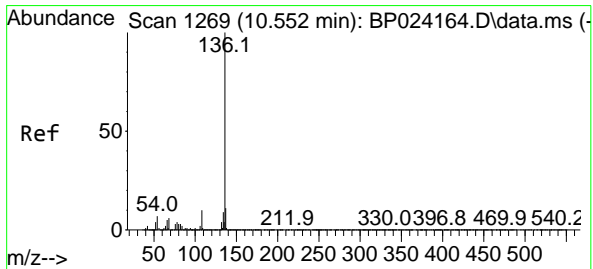
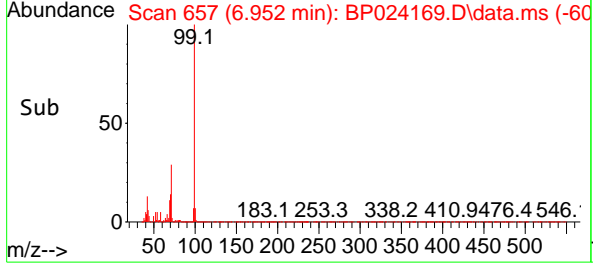
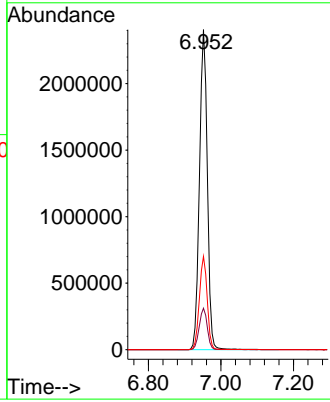
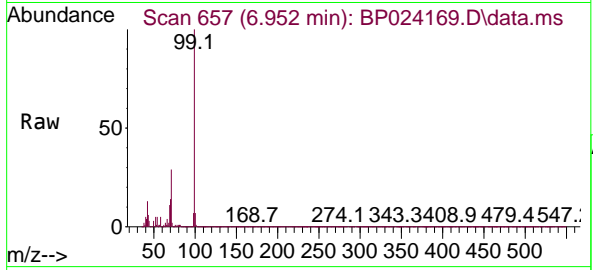


#7  
 Phenol-d6  
 Concen: 131.333 ng  
 RT: 6.952 min Scan# 61  
 Delta R.T. 0.000 min  
 Lab File: BP024169.D  
 Acq: 12 Mar 2025 22:24

Instrument : BNA\_P  
 Client Sample Id : PB167078BL

Tgt Ion: 99 Resp: 3616274

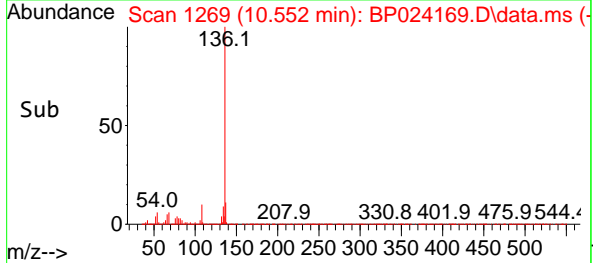
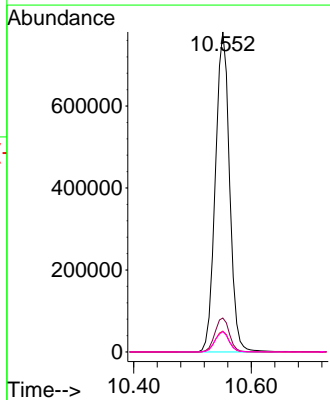
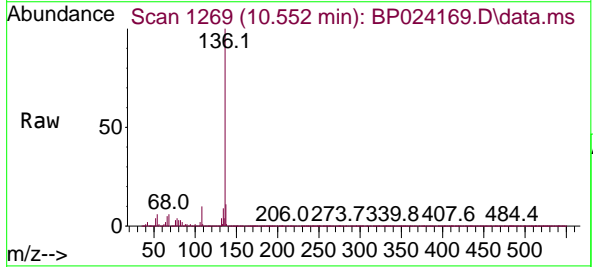
Ion	Ratio	Lower	Upper
99	100		
42	13.0	10.6	16.0
71	29.1	23.3	34.9

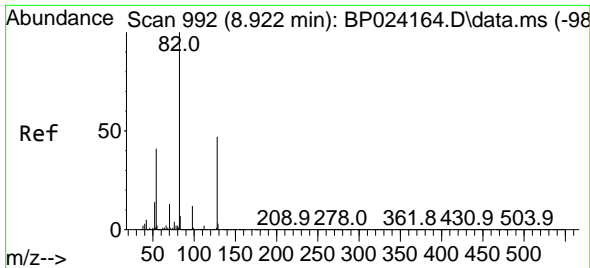


#21  
 Naphthalene-d8  
 Concen: 20.000 ng  
 RT: 10.552 min Scan# 1269  
 Delta R.T. 0.000 min  
 Lab File: BP024169.D  
 Acq: 12 Mar 2025 22:24

Tgt Ion: 136 Resp: 1308753

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.4
54	6.5	5.3	7.9
68	6.3	5.0	7.4



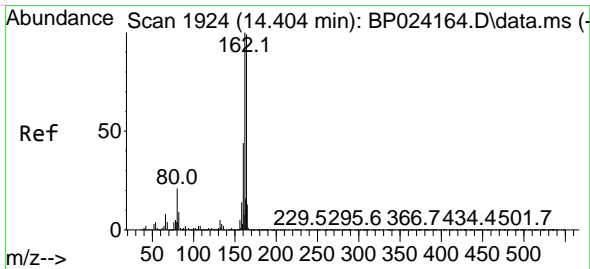
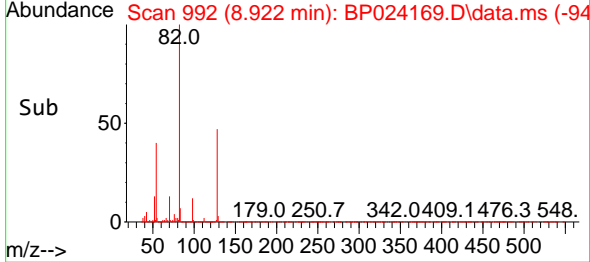
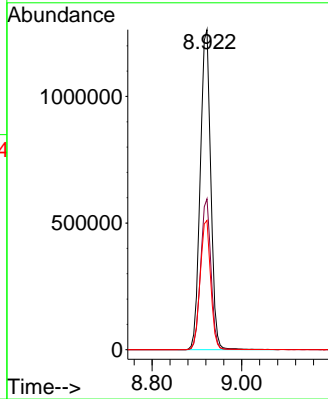
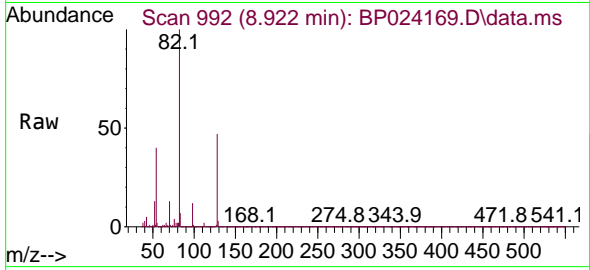


#23  
 Nitrobenzene-d5  
 Concen: 88.677 ng  
 RT: 8.922 min Scan# 992  
 Delta R.T. 0.000 min  
 Lab File: BP024169.D  
 Acq: 12 Mar 2025 22:24

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB167078BL

Tgt Ion: 82 Resp: 2056977

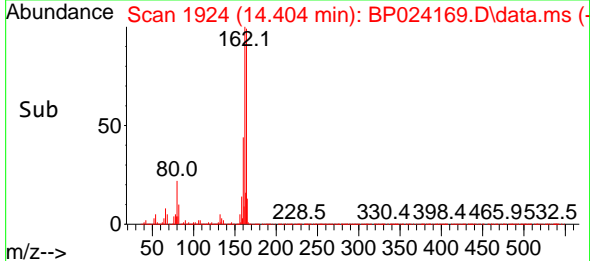
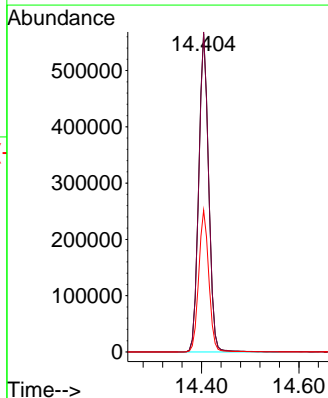
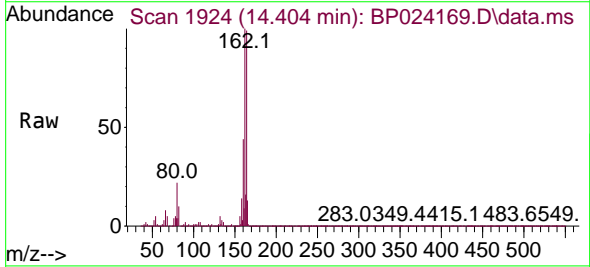
Ion	Ratio	Lower	Upper
82	100		
128	47.1	37.4	56.0
54	40.4	32.5	48.7

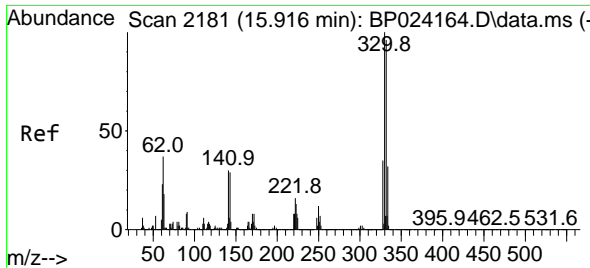


#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.404 min Scan# 1924  
 Delta R.T. 0.000 min  
 Lab File: BP024169.D  
 Acq: 12 Mar 2025 22:24

Tgt Ion: 164 Resp: 805317

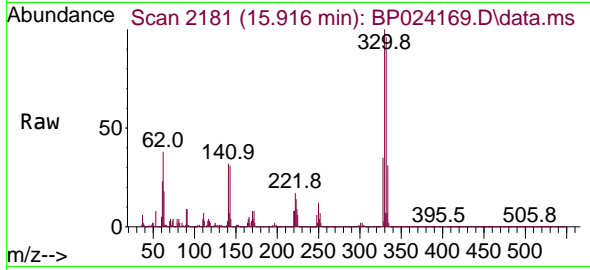
Ion	Ratio	Lower	Upper
164	100		
162	100.5	80.6	121.0
160	44.5	35.4	53.2



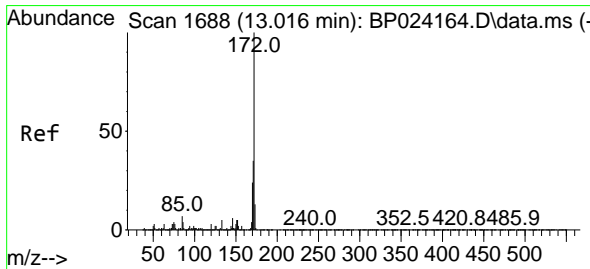
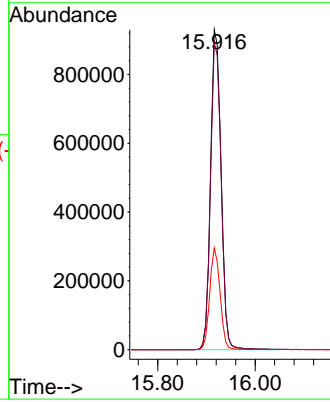
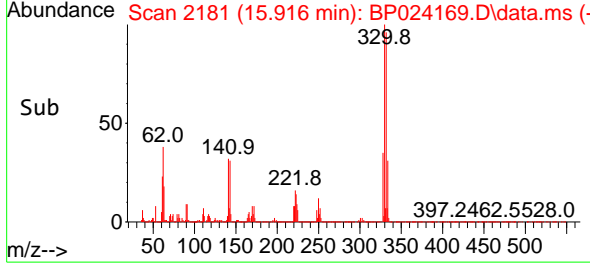


#42  
 2,4,6-Tribromophenol  
 Concen: 137.810 ng  
 RT: 15.916 min Scan# 2181  
 Delta R.T. 0.000 min  
 Lab File: BP024169.D  
 Acq: 12 Mar 2025 22:24

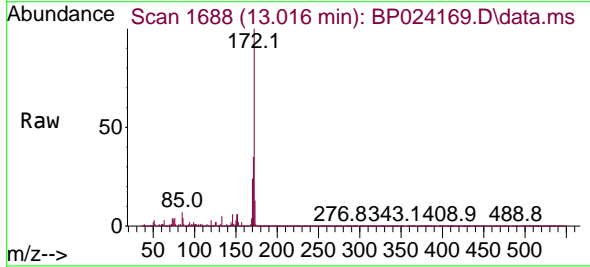
Instrument :  
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 ClientSampleId :  
 PB167078BL



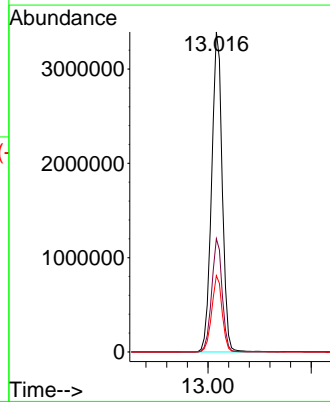
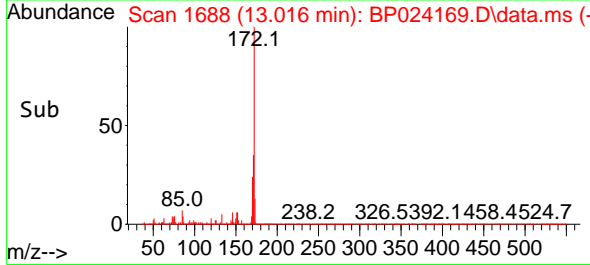
Tgt Ion:330 Resp: 1397945  
 Ion Ratio Lower Upper  
 330 100  
 332 96.7 77.6 116.4  
 141 31.3 25.0 37.6

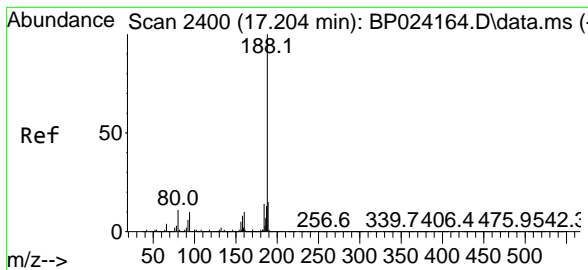


#45  
 2-Fluorobiphenyl  
 Concen: 88.354 ng  
 RT: 13.016 min Scan# 1688  
 Delta R.T. 0.000 min  
 Lab File: BP024169.D  
 Acq: 12 Mar 2025 22:24



Tgt Ion:172 Resp: 4825477  
 Ion Ratio Lower Upper  
 172 100  
 171 35.4 28.3 42.5  
 170 23.8 19.0 28.4



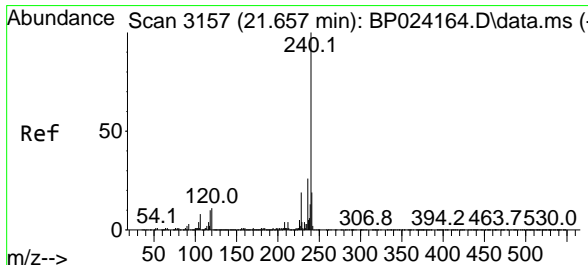
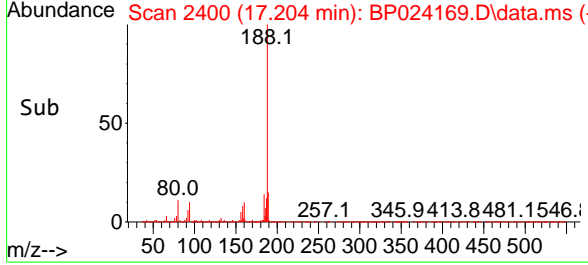
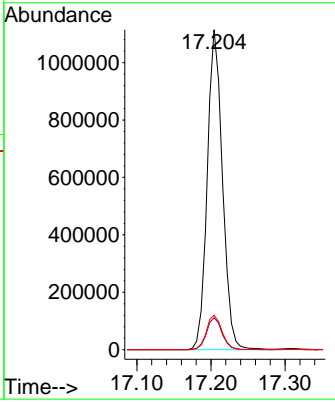
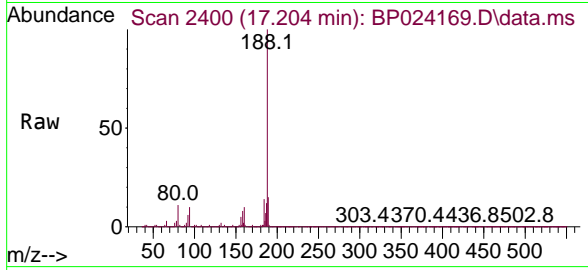


#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 17.204 min Scan# 2400  
 Delta R.T. 0.000 min  
 Lab File: BP024169.D  
 Acq: 12 Mar 2025 22:24

Instrument : BNA\_P  
 Client Sample Id : PB167078BL

Tgt Ion:188 Resp: 1587779

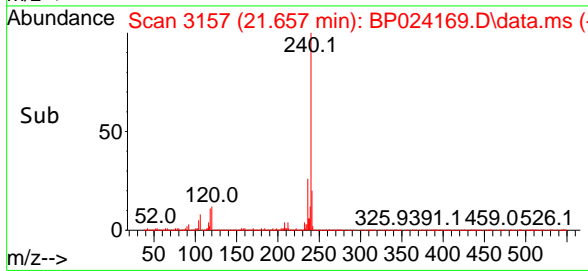
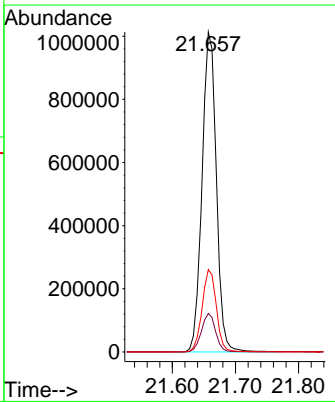
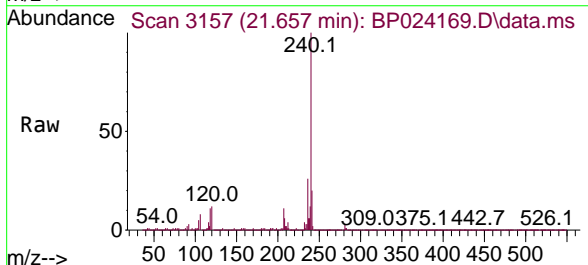
Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.1	12.1
80	10.7	8.9	13.3

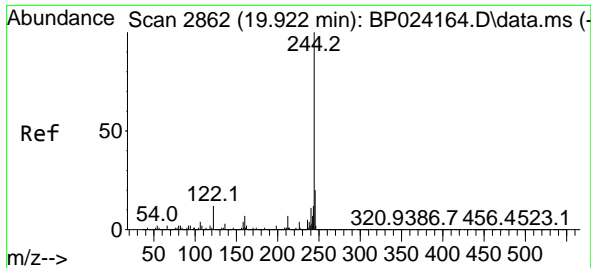


#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 21.657 min Scan# 3157  
 Delta R.T. 0.000 min  
 Lab File: BP024169.D  
 Acq: 12 Mar 2025 22:24

Tgt Ion:240 Resp: 1596224

Ion	Ratio	Lower	Upper
240	100		
120	12.1	9.2	13.8
236	25.8	20.4	30.6





#79  
 Terphenyl-d14  
 Concen: 103.625 ng  
 RT: 19.928 min Scan# 2863  
 Delta R.T. 0.006 min  
 Lab File: BP024169.D  
 Acq: 12 Mar 2025 22:24

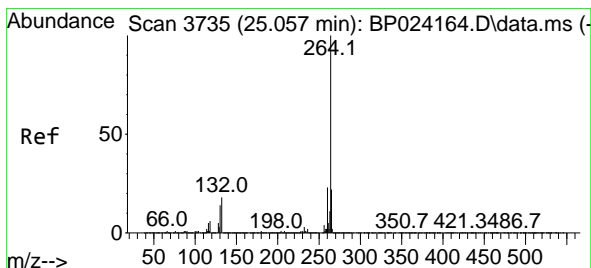
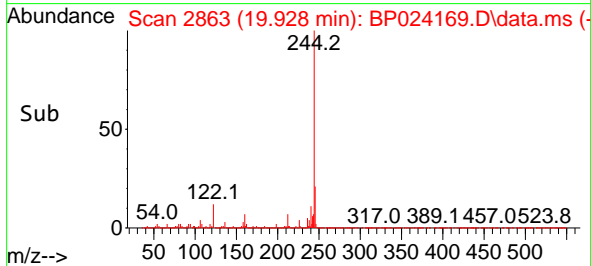
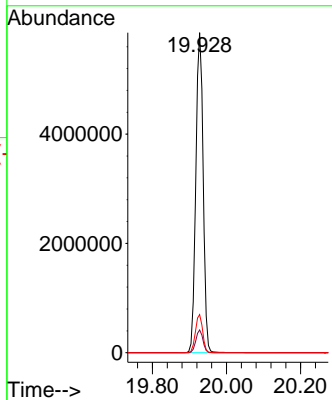
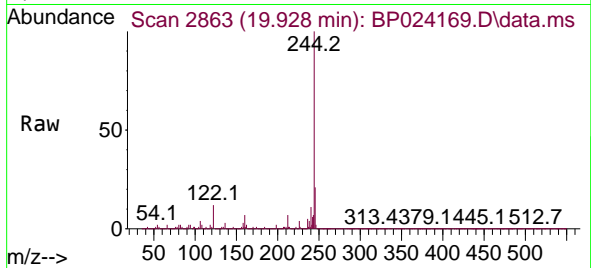
Instrument :

BNA\_P

ClientSampleId :

PB167078BL

Tgt Ion:244 Resp: 8013112  
 Ion Ratio Lower Upper  
 244 100  
 212 7.1 5.7 8.5  
 122 11.9 9.6 14.4



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.069 min Scan# 3737  
 Delta R.T. 0.012 min  
 Lab File: BP024169.D  
 Acq: 12 Mar 2025 22:24

Tgt Ion:264 Resp: 1738119  
 Ion Ratio Lower Upper  
 264 100  
 260 23.5 18.5 27.7  
 265 22.0 17.7 26.5

