

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP072823\  
 Data File : BP016442.D  
 Acq On : 29 Jul 2023 01:59  
 Operator : MA/JU  
 Sample : 03770-05  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 DEL-2-RP

Quant Time: Jul 29 03:49:43 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP072723.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 28 01:48:25 2023  
 Response via : Initial Calibration

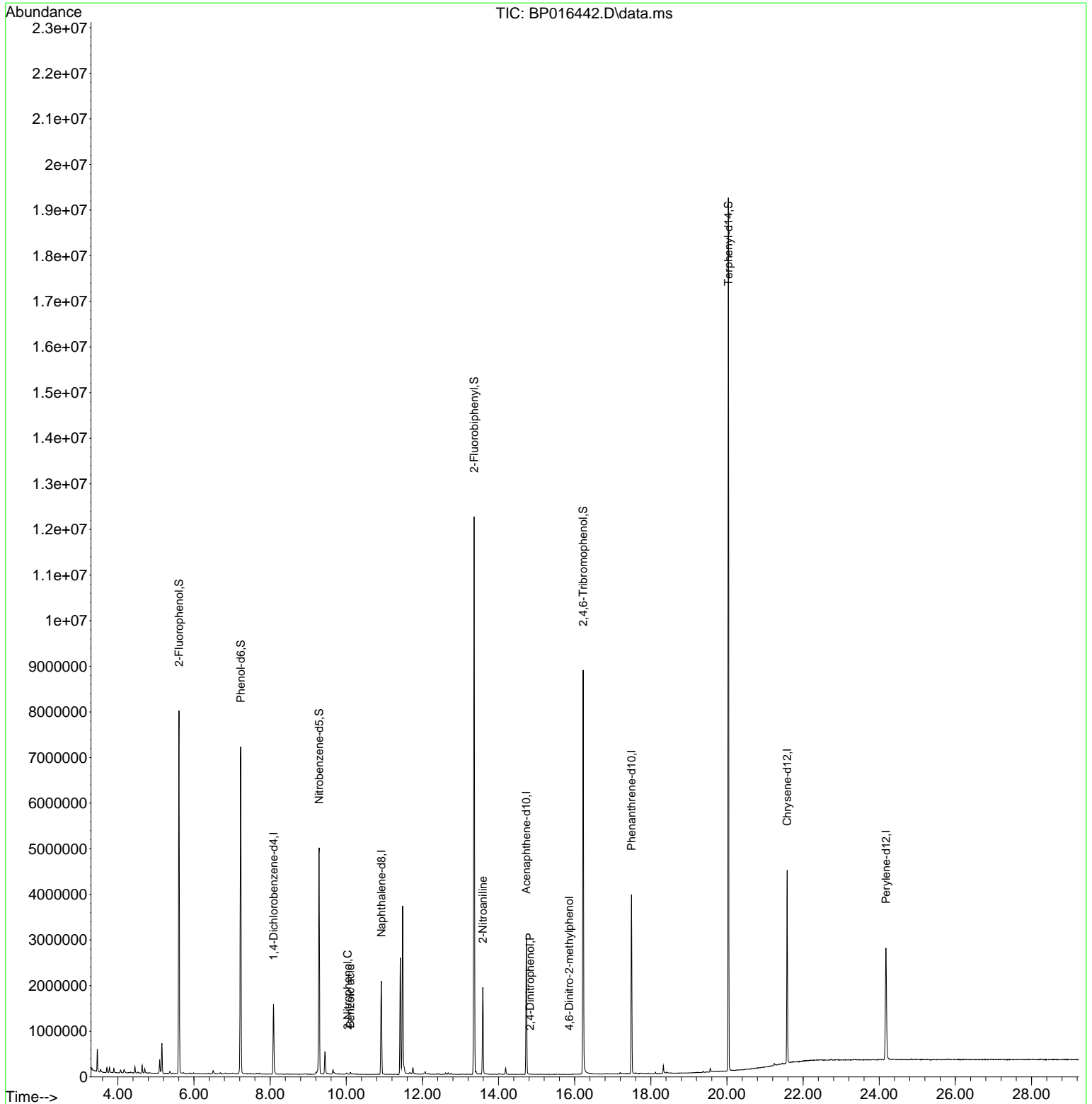
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.087	152	402845	20.000	ng	0.00
21) Naphthalene-d8	10.922	136	1672434	20.000	ng	0.00
39) Acenaphthene-d10	14.728	164	981687	20.000	ng	0.00
64) Phenanthrene-d10	17.492	188	2226972	20.000	ng	0.00
76) Chrysene-d12	21.580	240	1871398	20.000	ng	-0.01
86) Perylene-d12	24.174	264	1873630	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.605	112	3552566	143.869	ng	0.00
7) Phenol-d6	7.228	99	4402944	130.087	ng	0.00
23) Nitrobenzene-d5	9.287	82	2882160	96.470	ng	0.00
42) 2,4,6-Tribromophenol	16.222	330	1638547	113.457	ng	0.00
45) 2-Fluorobiphenyl	13.357	172	6185579	90.335	ng	0.00
79) Terphenyl-d14	20.033	244	9512174	107.373	ng	-0.01
Target Compounds						
9) Benzaldehyde	7.228	77	8783	Below Cal		Qvalue # 6
26) 2-Nitrophenol	10.034	139	152	3.136	ng	# 1
32) Benzoic acid	10.104	122	15282	7.036	ng	# 91
48) 2-Nitroaniline	13.587	65	32855	2.065	ng	# 12
54) 2,4-Dinitrophenol	14.828	184	72	8.011	ng	# 6
65) 4,6-Dinitro-2-methylph...	15.857	198	16	6.303	ng	# 1

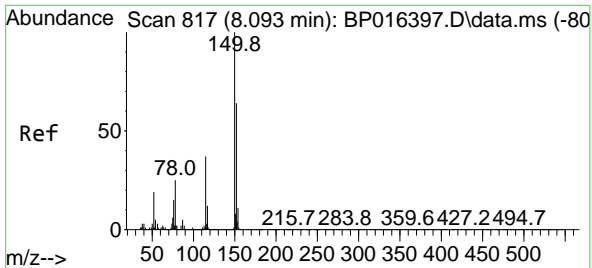
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP072823\  
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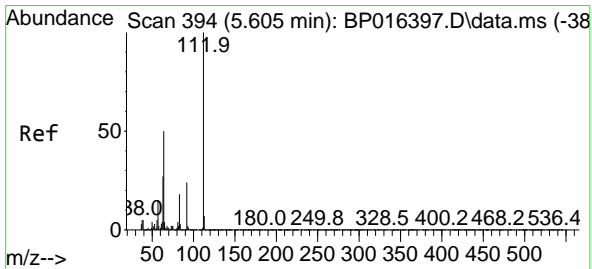
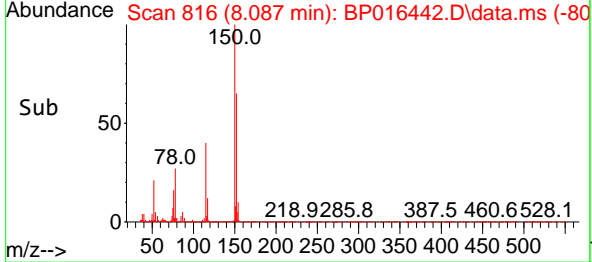
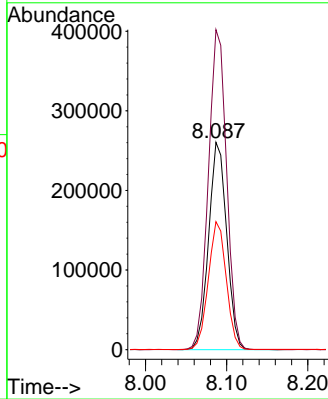
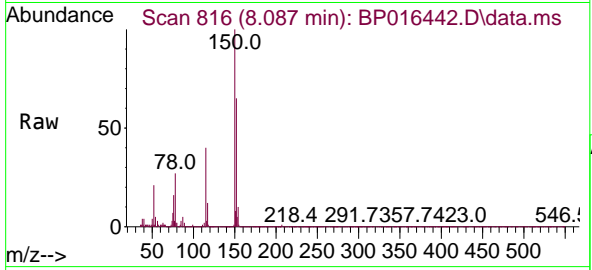


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 8.087 min Scan# 817  
 Delta R.T. -0.006 min  
 Lab File: BP016442.D  
 Acq: 29 Jul 2023 01:59

Instrument :  
 BNA\_P  
 ClientSampleId :  
 DEL-2-RP

Tgt Ion:152 Resp: 402845

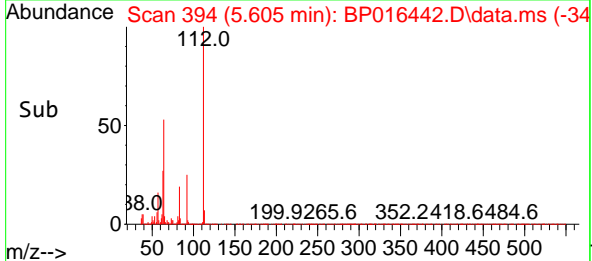
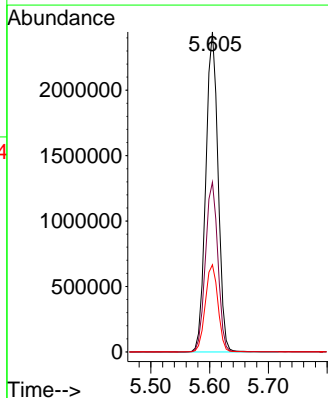
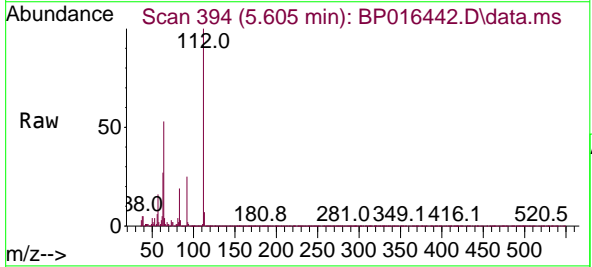
Ion	Ratio	Lower	Upper
152	100		
150	154.4	124.9	187.3
115	61.7	46.8	70.2

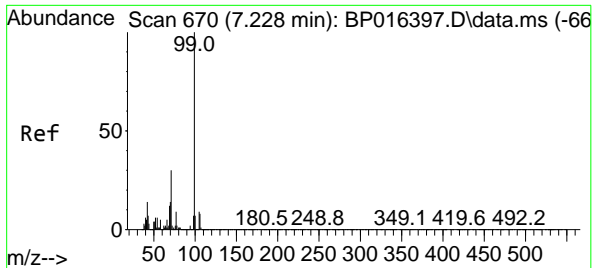


#5  
 2-Fluorophenol  
 Concen: 143.869 ng  
 RT: 5.605 min Scan# 394  
 Delta R.T. -0.000 min  
 Lab File: BP016442.D  
 Acq: 29 Jul 2023 01:59

Tgt Ion:112 Resp: 3552566

Ion	Ratio	Lower	Upper
112	100		
64	53.0	40.0	60.0
63	27.2	21.2	31.8



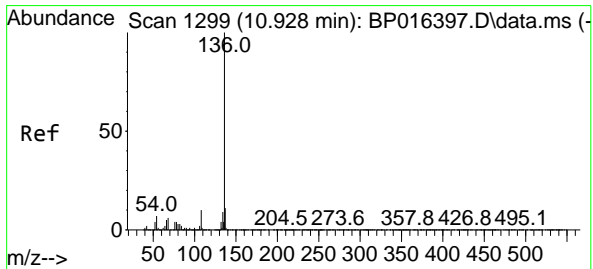
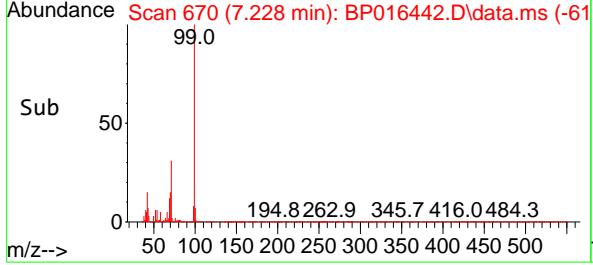
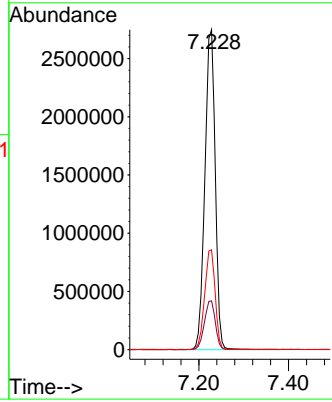
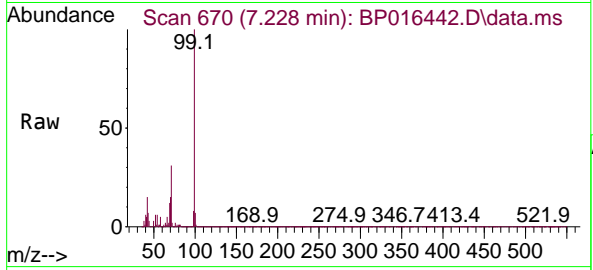


#7  
 Phenol-d6  
 Concen: 130.087 ng  
 RT: 7.228 min Scan# 61  
 Delta R.T. -0.000 min  
 Lab File: BP016442.D  
 Acq: 29 Jul 2023 01:59

Instrument :  
 BNA\_P  
 ClientSampleId :  
 DEL-2-RP

Tgt Ion: 99 Resp: 4402944

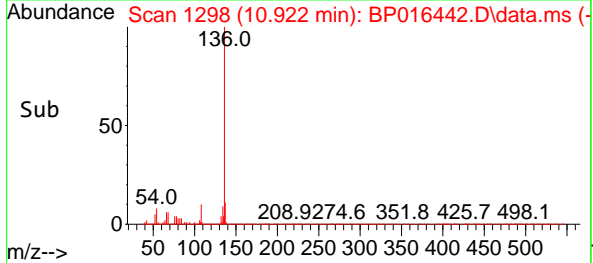
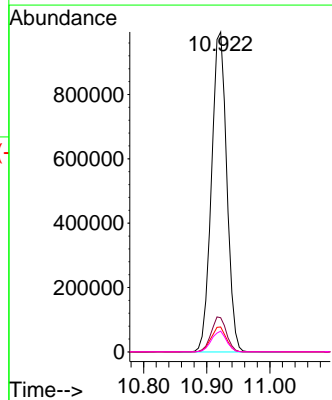
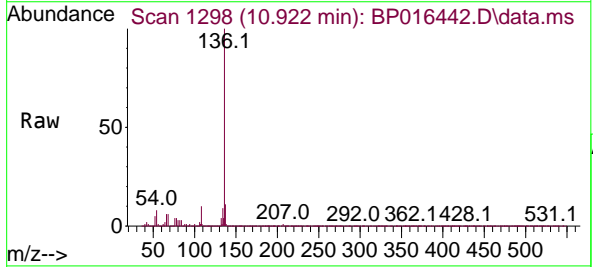
Ion	Ratio	Lower	Upper
99	100		
42	15.2	11.6	17.4
71	31.2	24.3	36.5

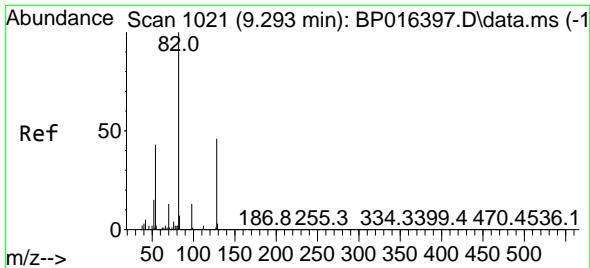


#21  
 Naphthalene-d8  
 Concen: 20.000 ng  
 RT: 10.922 min Scan# 1298  
 Delta R.T. -0.006 min  
 Lab File: BP016442.D  
 Acq: 29 Jul 2023 01:59

Tgt Ion:136 Resp: 1672434

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	7.8	5.6	8.4
68	6.5	4.6	6.8



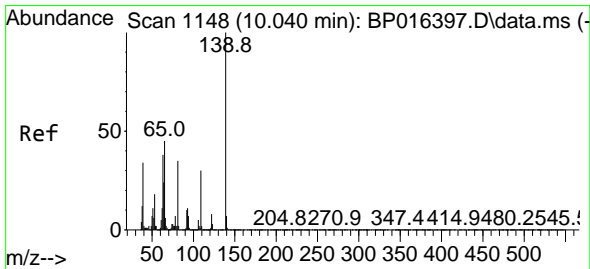
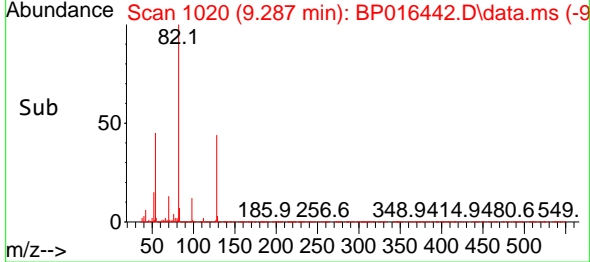
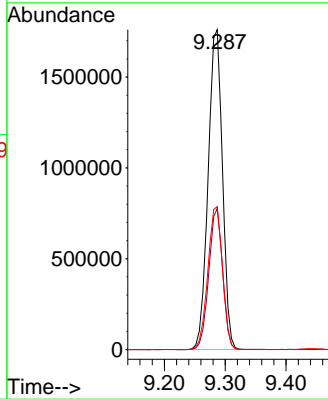
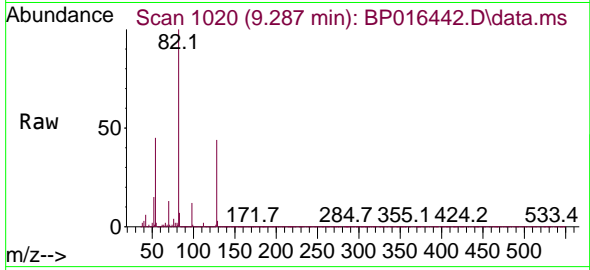


#23  
 Nitrobenzene-d5  
 Concen: 96.470 ng  
 RT: 9.287 min Scan# 1021  
 Delta R.T. -0.006 min  
 Lab File: BP016442.D  
 Acq: 29 Jul 2023 01:59

Instrument :  
 BNA\_P  
 ClientSampleId :  
 DEL-2-RP

Tgt Ion: 82 Resp: 2882160

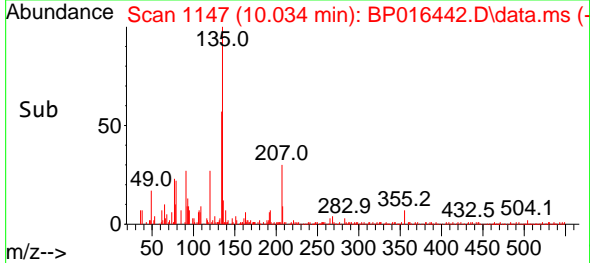
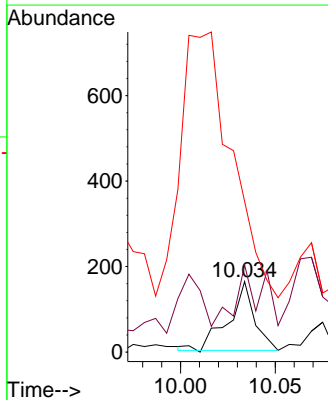
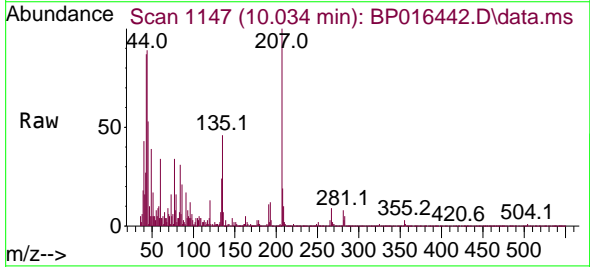
Ion	Ratio	Lower	Upper
82	100		
128	44.1	36.6	55.0
54	44.7	34.5	51.7

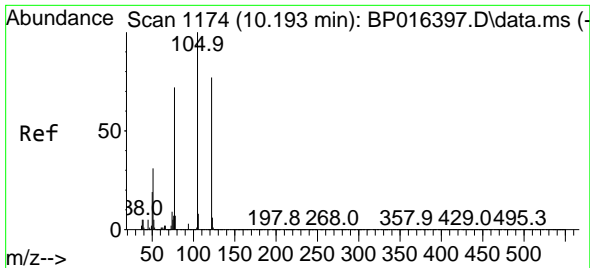


#26  
 2-Nitrophenol  
 Concen: 3.136 ng  
 RT: 10.034 min Scan# 1147  
 Delta R.T. -0.006 min  
 Lab File: BP016442.D  
 Acq: 29 Jul 2023 01:59

Tgt Ion: 139 Resp: 152

Ion	Ratio	Lower	Upper
139	100		
109	123.6	24.2	36.4#
65	213.9	35.8	53.6#



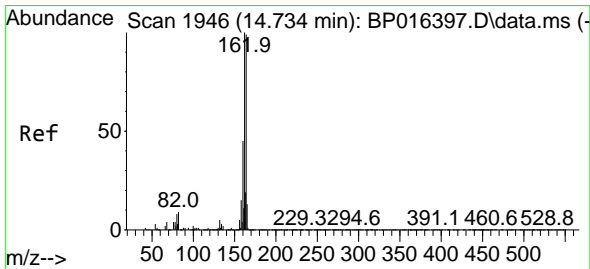
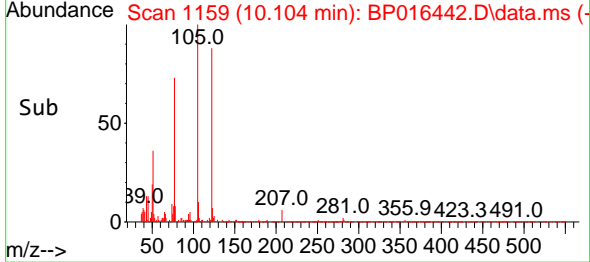
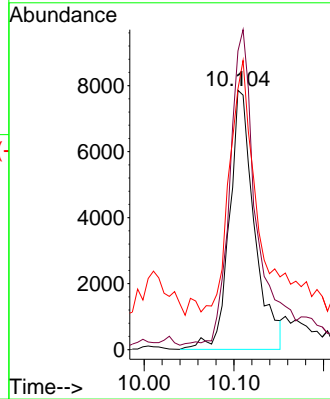
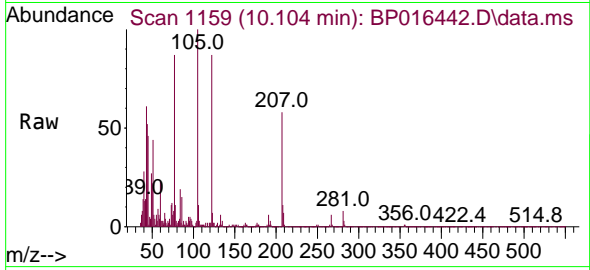


#32  
 Benzoic acid  
 Concen: 7.036 ng  
 RT: 10.104 min Scan# 1174  
 Delta R.T. -0.089 min  
 Lab File: BP016442.D  
 Acq: 29 Jul 2023 01:59

Instrument :  
 BNA\_P  
 ClientSampleId :  
 DEL-2-RP

Tgt Ion:122 Resp: 15282

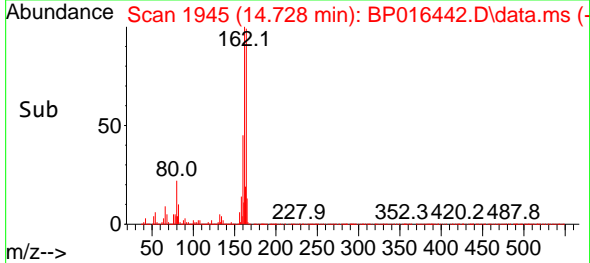
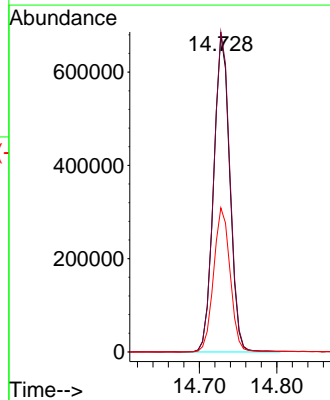
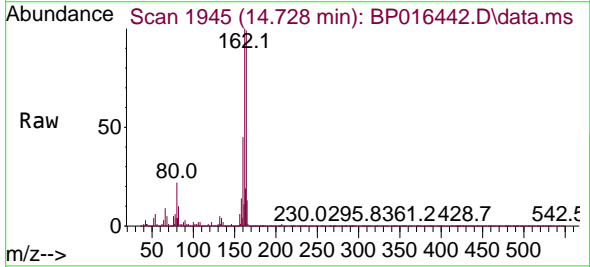
Ion	Ratio	Lower	Upper
122	100		
105	115.2	105.2	145.2
77	100.5	72.2	112.2

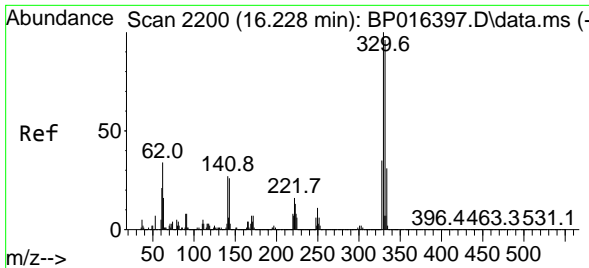


#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.728 min Scan# 1945  
 Delta R.T. -0.006 min  
 Lab File: BP016442.D  
 Acq: 29 Jul 2023 01:59

Tgt Ion:164 Resp: 981687

Ion	Ratio	Lower	Upper
164	100		
162	101.0	81.0	121.6
160	45.5	36.6	55.0

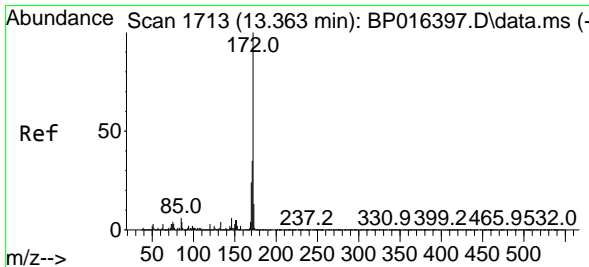
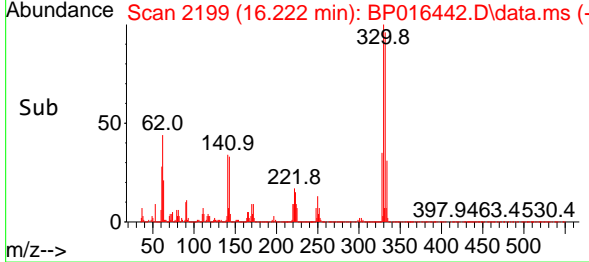
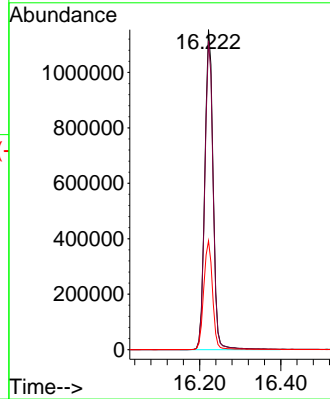
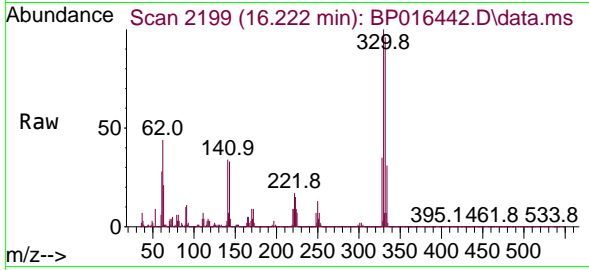




#42  
 2,4,6-Tribromophenol  
 Concen: 113.457 ng  
 RT: 16.222 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BP016442.D  
 Acq: 29 Jul 2023 01:59

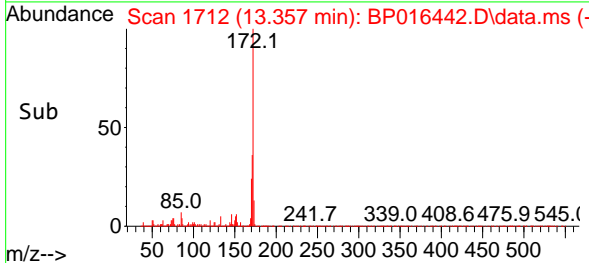
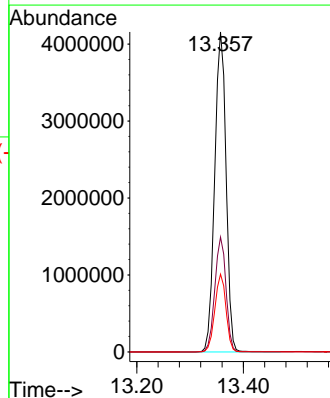
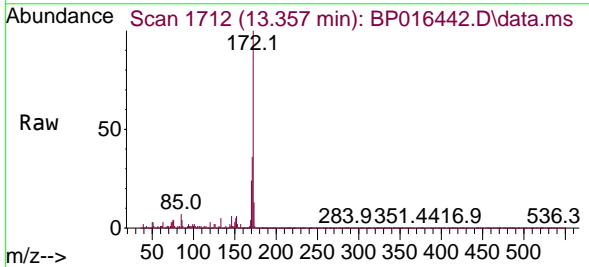
Instrument :  
 BNA\_P  
 ClientSampleId :  
 DEL-2-RP

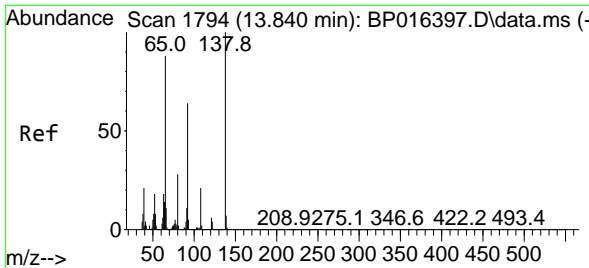
Tgt Ion:330 Resp: 1638547  
 Ion Ratio Lower Upper  
 330 100  
 332 96.6 77.8 116.8  
 141 35.9 22.6 34.0#



#45  
 2-Fluorobiphenyl  
 Concen: 90.335 ng  
 RT: 13.357 min Scan# 1712  
 Delta R.T. -0.006 min  
 Lab File: BP016442.D  
 Acq: 29 Jul 2023 01:59

Tgt Ion:172 Resp: 6185579  
 Ion Ratio Lower Upper  
 172 100  
 171 35.9 28.2 42.2  
 170 24.3 19.1 28.7



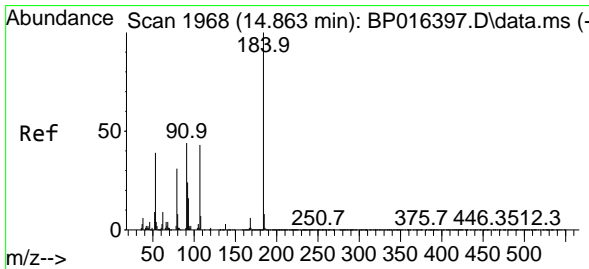
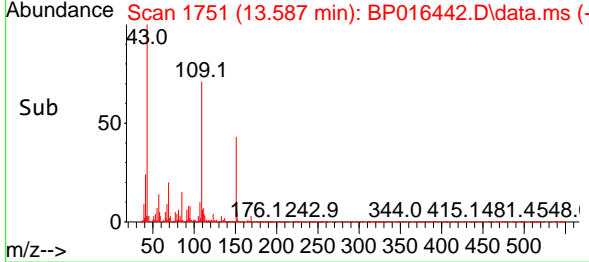
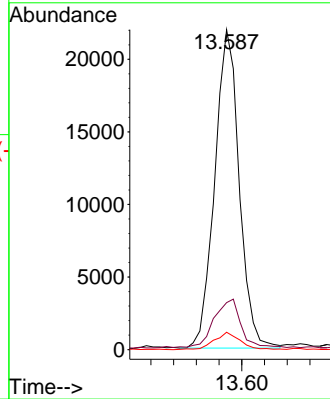
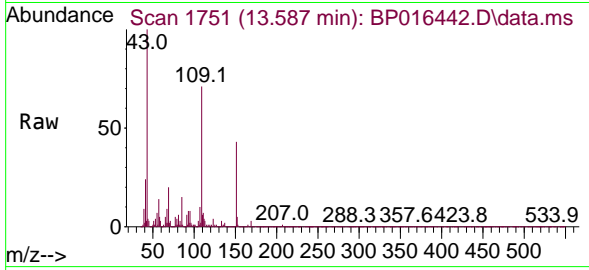


#48  
 2-Nitroaniline  
 Concen: 2.065 ng  
 RT: 13.587 min Scan# 1751  
 Delta R.T. -0.253 min  
 Lab File: BP016442.D  
 Acq: 29 Jul 2023 01:59

Instrument : BNA\_P  
 ClientSampleId : DEL-2-RP

Tgt Ion: 65 Resp: 32855

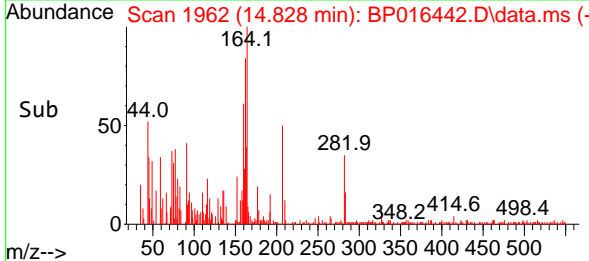
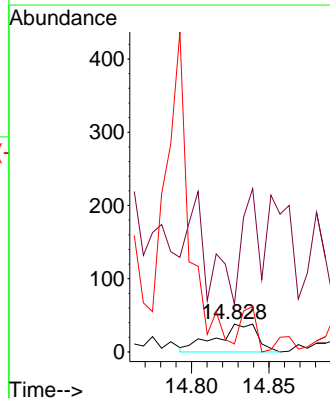
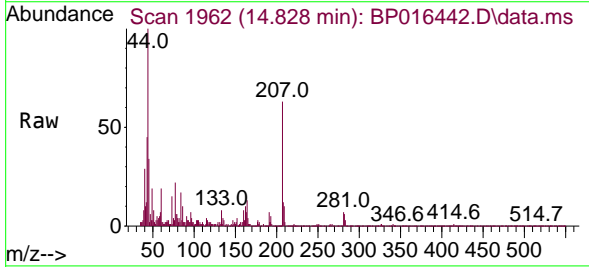
Ion	Ratio	Lower	Upper
65	100		
92	14.7	58.2	87.4#
138	5.4	91.3	136.9#



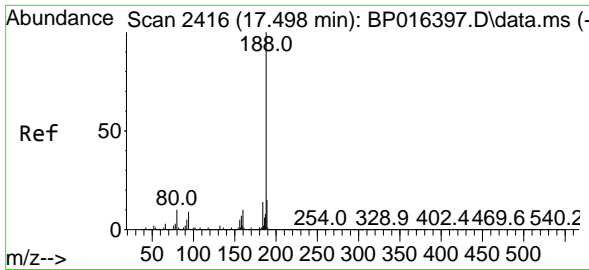
#54  
 2,4-Dinitrophenol  
 Concen: 8.011 ng  
 RT: 14.828 min Scan# 1962  
 Delta R.T. -0.035 min  
 Lab File: BP016442.D  
 Acq: 29 Jul 2023 01:59

Tgt Ion: 184 Resp: 72

Ion	Ratio	Lower	Upper
184	100		
63	171.1	48.2	72.4#
154	28.9	49.6	74.4#





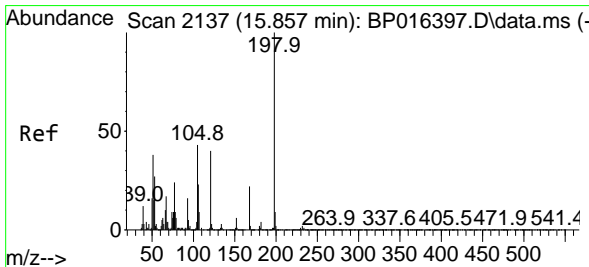
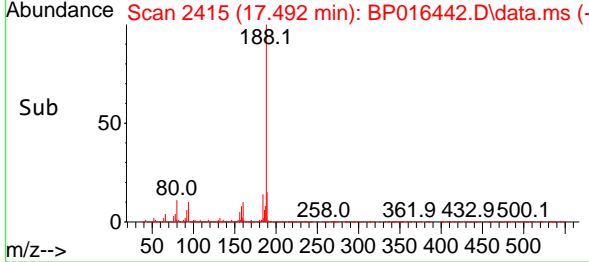
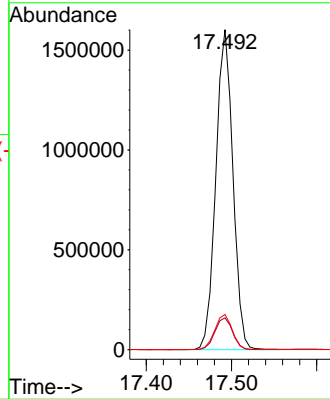
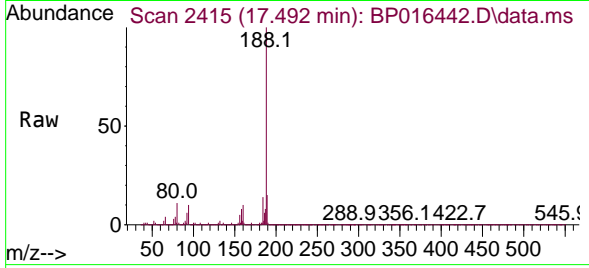


#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 17.492 min Scan# 24  
 Delta R.T. -0.006 min  
 Lab File: BP016442.D  
 Acq: 29 Jul 2023 01:59

Instrument :  
 BNA\_P  
 ClientSampleId :  
 DEL-2-RP

Tgt Ion:188 Resp: 2226972

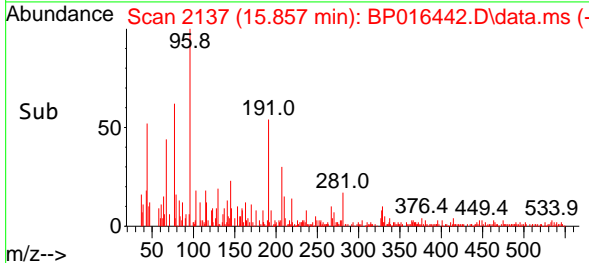
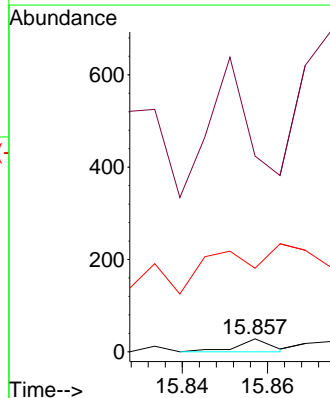
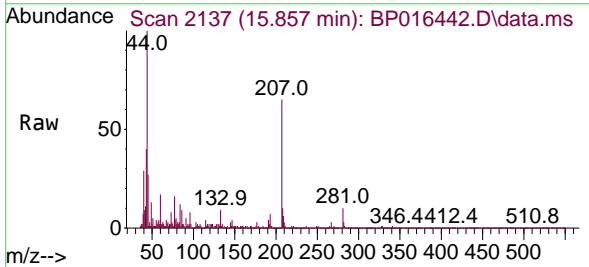
Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.4	11.0
80	11.0	7.8	11.8

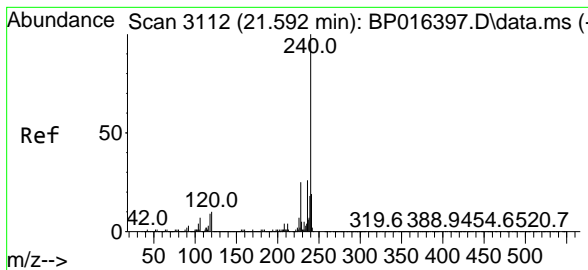


#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 6.303 ng  
 RT: 15.857 min Scan# 2137  
 Delta R.T. 0.000 min  
 Lab File: BP016442.D  
 Acq: 29 Jul 2023 01:59

Tgt Ion:198 Resp: 16

Ion	Ratio	Lower	Upper
198	100		
51	1514.3	20.1	60.1#
105	646.4	23.1	63.1#



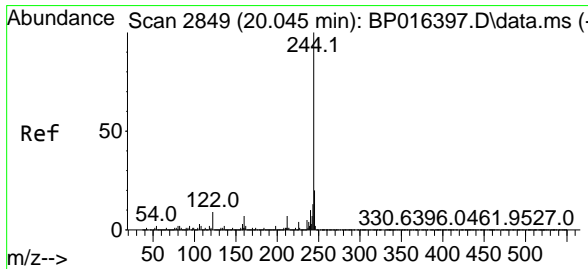
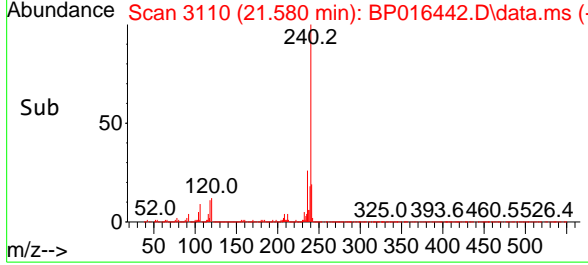
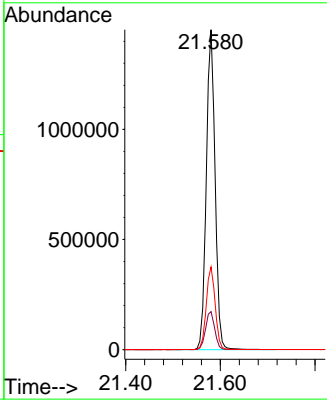
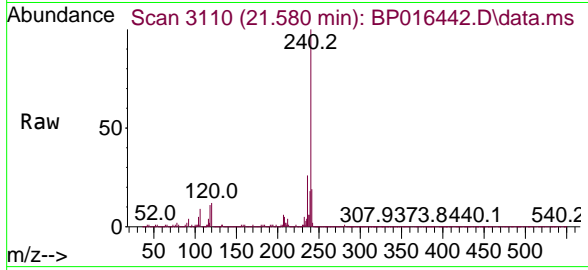


#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 21.580 min Scan# 3112  
 Delta R.T. -0.012 min  
 Lab File: BP016442.D  
 Acq: 29 Jul 2023 01:59

Instrument : BNA\_P  
 Client Sample Id : DEL-2-RP

Tgt Ion: 240 Resp: 1871398

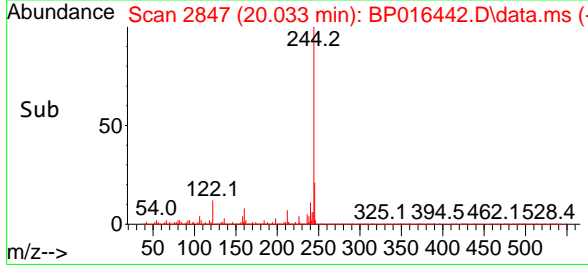
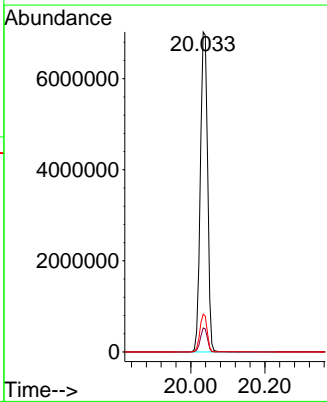
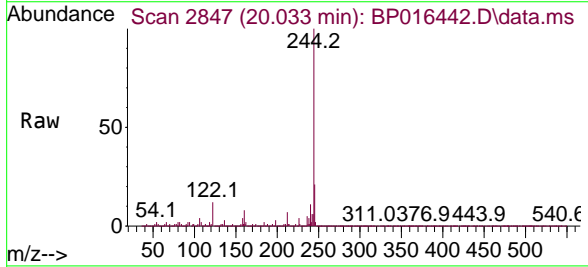
Ion	Ratio	Lower	Upper
240	100		
120	11.9	7.9	11.9
236	25.8	21.1	31.7

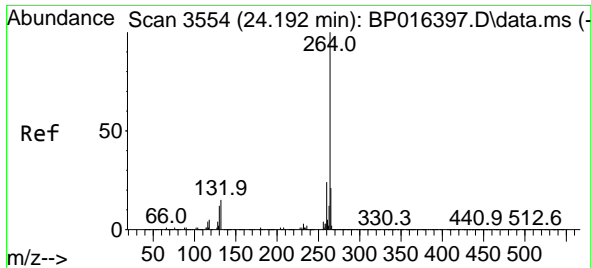


#79  
 Terphenyl-d14  
 Concen: 107.373 ng  
 RT: 20.033 min Scan# 2847  
 Delta R.T. -0.012 min  
 Lab File: BP016442.D  
 Acq: 29 Jul 2023 01:59

Tgt Ion: 244 Resp: 9512174

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.6	8.4
122	11.8	7.4	11.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.174 min Scan# 31

Delta R.T. -0.018 min

Lab File: BP016442.D

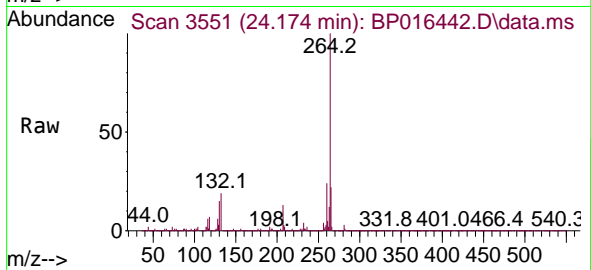
Acq: 29 Jul 2023 01:59

Instrument :

BNA\_P

ClientSampleId :

DEL-2-RP



Tgt Ion:264 Resp: 1873630

Ion Ratio Lower Upper

264 100

260 23.8 19.3 28.9

265 21.7 17.4 26.0

