

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN052623\  
 Data File : BN025637.D  
 Acq On : 27 May 2023 09:16  
 Operator : CG/JU  
 Sample : 02880-07  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RW8-MW01D1-20230518

Quant Time: May 29 00:31:13 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN052623.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat May 27 03:51:06 2023  
 Response via : Initial Calibration

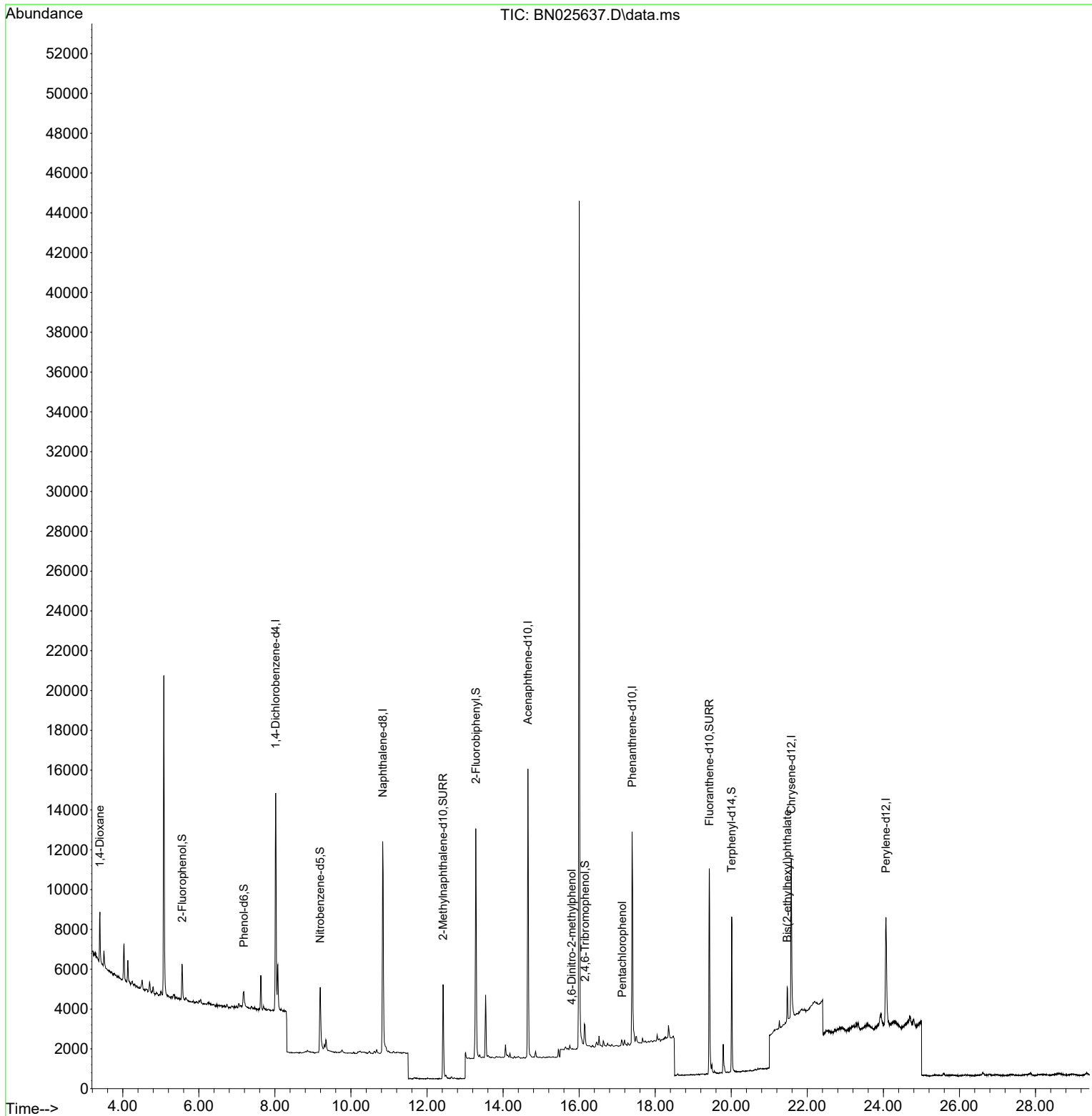
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.019	152	5806	0.400	ng	0.00
7) Naphthalene-d8	10.835	136	15727	0.400	ng	#-0.01
13) Acenaphthene-d10	14.651	164	8453	0.400	ng	0.00
19) Phenanthrene-d10	17.393	188	15573	0.400	ng	0.00
29) Chrysene-d12	21.578	240	9180	0.400	ng	0.00
35) Perylene-d12	24.066	264	9627	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.564	112	1671	0.112	ng	0.00
5) Phenol-d6	7.182	99	1034	0.058	ng	0.00
8) Nitrobenzene-d5	9.191	82	3583	0.272	ng	0.00
11) 2-Methylnaphthalene-d10	12.423	152	7175	0.320	ng	0.00
14) 2,4,6-Tribromophenol	16.152	330	721	0.422	ng	0.00
15) 2-Fluorobiphenyl	13.283	172	10354	0.297	ng	0.00
27) Fluoranthene-d10	19.425	212	12843	0.364	ng	0.00
31) Terphenyl-d14	20.011	244	7616	0.379	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.397	88	1598	0.238	ng	# 89
20) 4,6-Dinitro-2-methylph...	15.804	198	6	0.116	ng	# 1
24) Pentachlorophenol	17.133	266	11	0.376	ng	# 12
34) Bis(2-ethylhexyl)phtha...	21.471	149	2165	0.104	ng	99

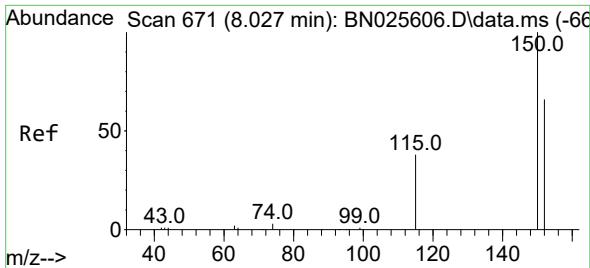
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 RW8-MW01D1-20230518

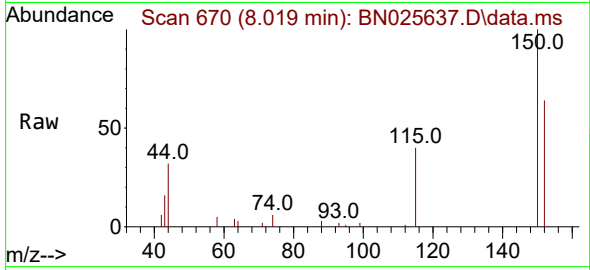
Quant Time: May 29 00:31:13 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN052623.M  
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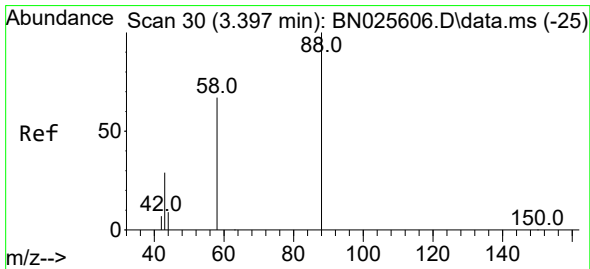
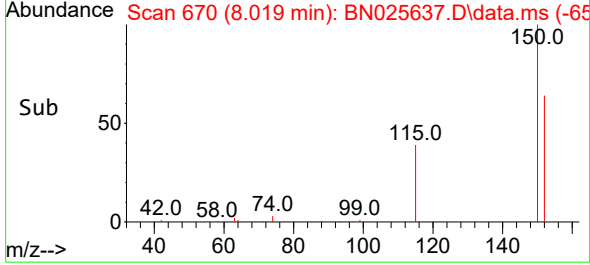
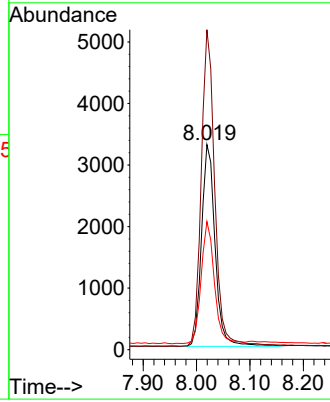


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 8.019 min Scan# 61  
 Delta R.T. -0.008 min  
 Lab File: BN025637.D  
 Acq: 27 May 2023 09:16

Instrument : BNA\_N  
 ClientSampleId : RW8-MW01D1-20230518

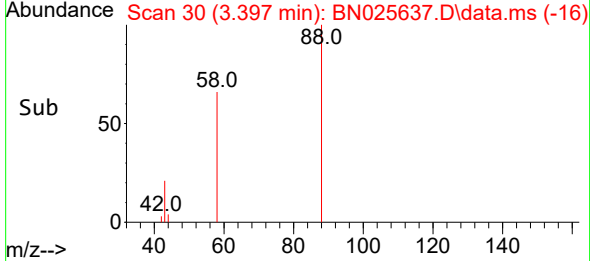
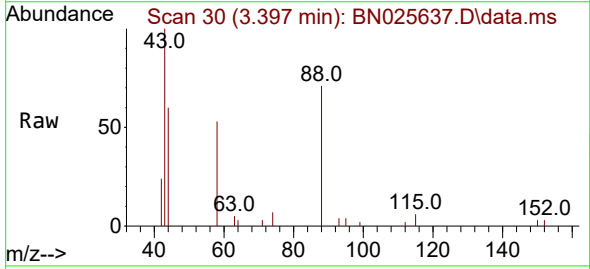
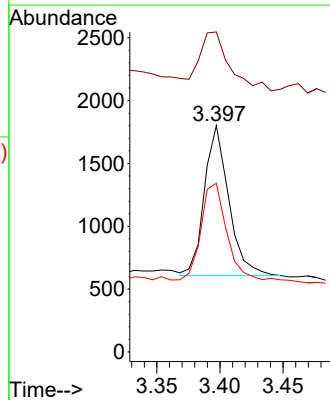


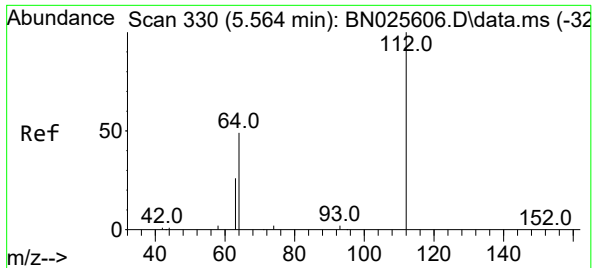
Tgt Ion:152 Resp: 5806  
 Ion Ratio Lower Upper  
 152 100  
 150 156.0 121.0 181.6  
 115 62.5 48.5 72.7



#2  
 1,4-Dioxane  
 Concen: 0.238 ng  
 RT: 3.397 min Scan# 30  
 Delta R.T. 0.000 min  
 Lab File: BN025637.D  
 Acq: 27 May 2023 09:16

Tgt Ion: 88 Resp: 1598  
 Ion Ratio Lower Upper  
 88 100  
 43 47.4 26.5 39.7#  
 58 67.3 56.8 85.2



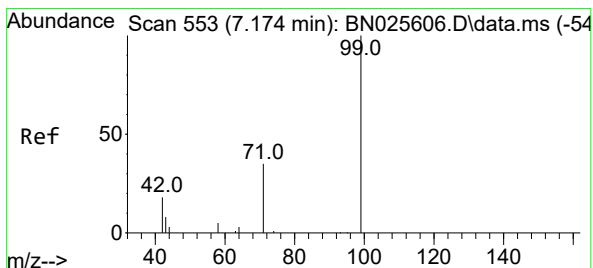
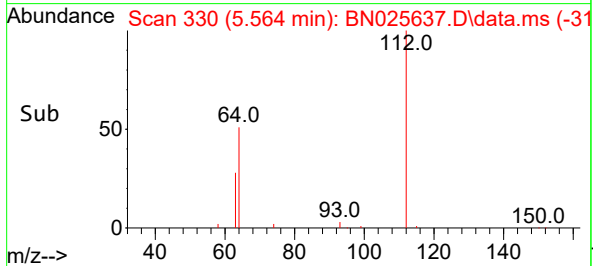
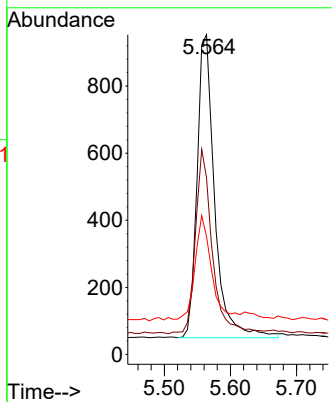
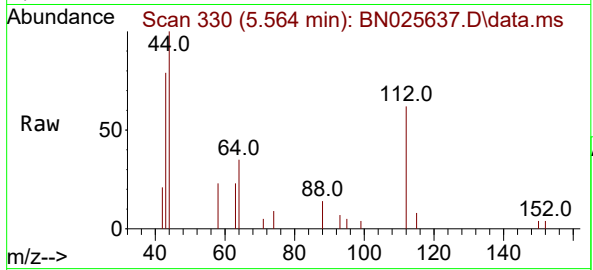


#4  
 2-Fluorophenol  
 Concen: 0.112 ng  
 RT: 5.564 min Scan# 31  
 Delta R.T. 0.000 min  
 Lab File: BN025637.D  
 Acq: 27 May 2023 09:16

Instrument : BNA\_N  
 ClientSampleId : RW8-MW01D1-20230518

Tgt Ion: 112 Resp: 1671

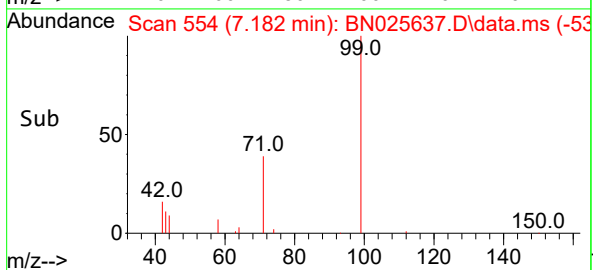
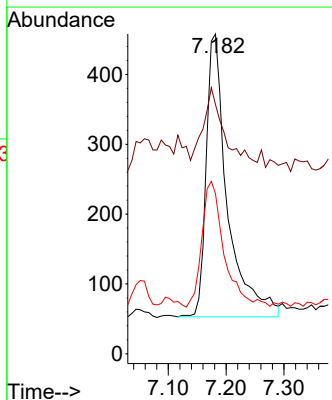
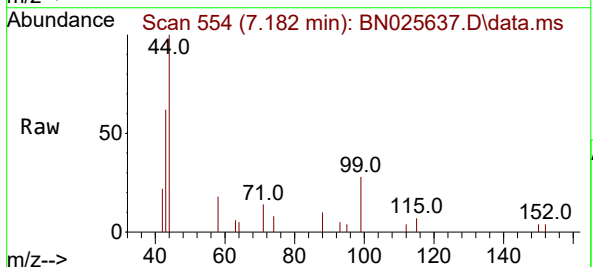
Ion	Ratio	Lower	Upper
112	100		
64	58.2	45.7	68.5
63	31.7	26.2	39.2

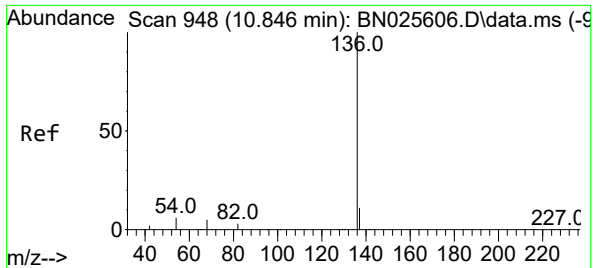


#5  
 Phenol-d6  
 Concen: 0.058 ng  
 RT: 7.182 min Scan# 554  
 Delta R.T. 0.007 min  
 Lab File: BN025637.D  
 Acq: 27 May 2023 09:16

Tgt Ion: 99 Resp: 1034

Ion	Ratio	Lower	Upper
99	100		
42	23.9	17.1	25.7
71	46.6	29.3	43.9



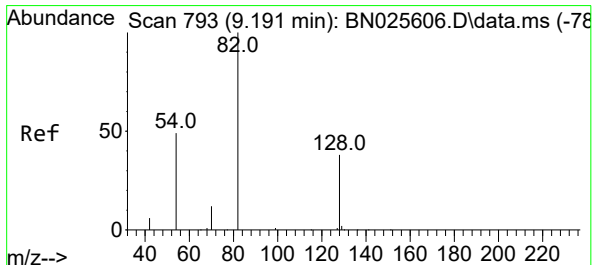
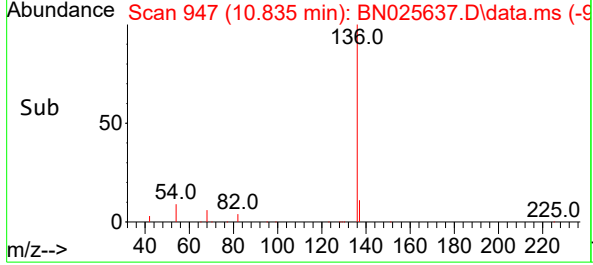
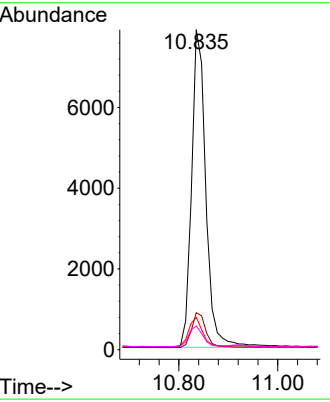
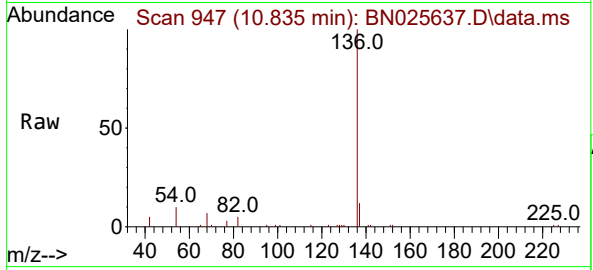


#7  
 Naphthalene-d8  
 Concen: 0.400 ng  
 RT: 10.835 min Scan# 947  
 Delta R.T. -0.011 min  
 Lab File: BN025637.D  
 Acq: 27 May 2023 09:16

Instrument : BNA\_N  
 ClientSampleId : RW8-MW01D1-20230518

Tgt Ion:136 Resp: 15727

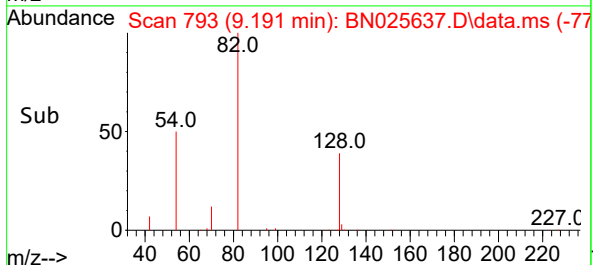
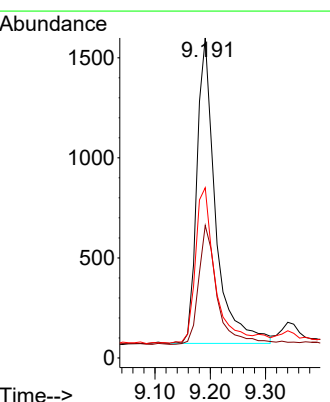
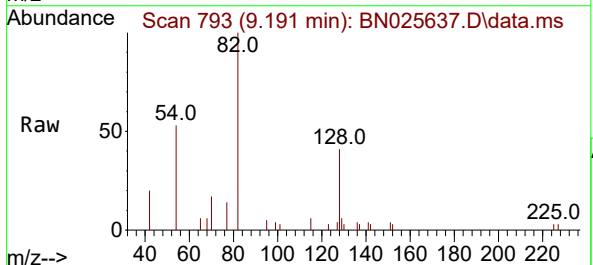
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	10.1	5.4	8.0#
68	7.4	4.3	6.5#

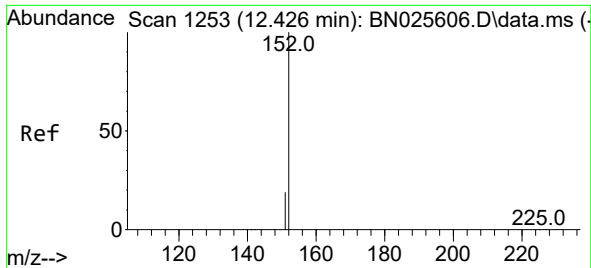


#8  
 Nitrobenzene-d5  
 Concen: 0.272 ng  
 RT: 9.191 min Scan# 793  
 Delta R.T. 0.000 min  
 Lab File: BN025637.D  
 Acq: 27 May 2023 09:16

Tgt Ion: 82 Resp: 3583

Ion	Ratio	Lower	Upper
82	100		
128	41.4	32.5	48.7
54	53.2	40.6	60.8

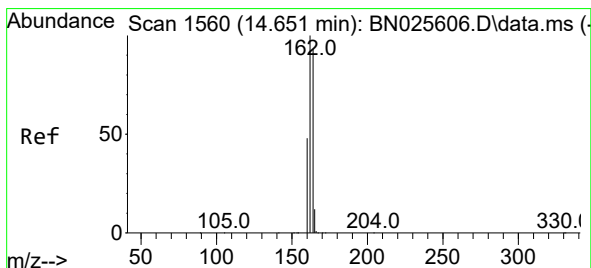
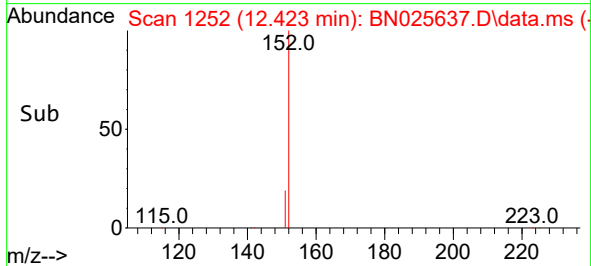
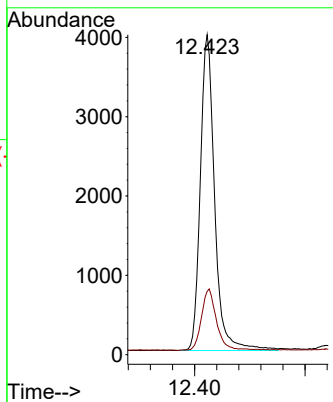
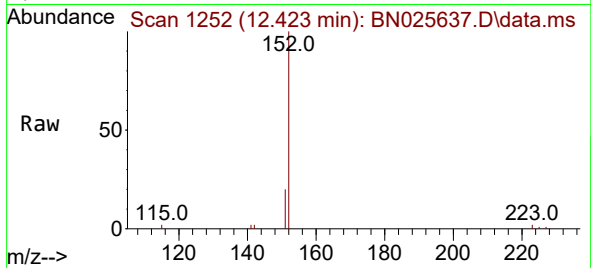




#11  
 2-Methylnaphthalene-d10  
 Concen: 0.320 ng  
 RT: 12.423 min Scan# 11  
 Delta R.T. -0.004 min  
 Lab File: BN025637.D  
 Acq: 27 May 2023 09:16

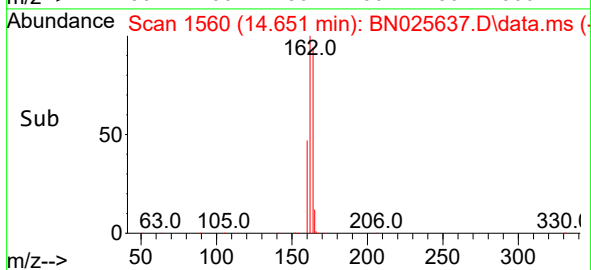
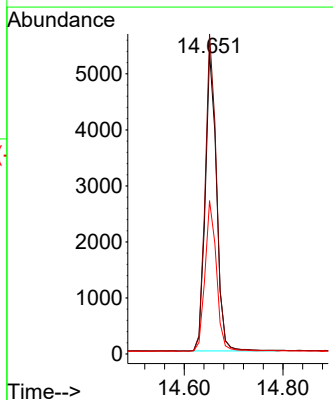
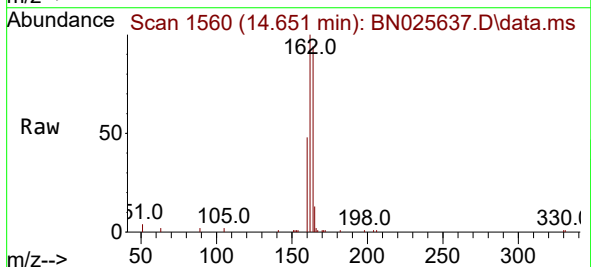
Instrument :  
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 ClientSampleId :  
 RW8-MW01D1-20230518

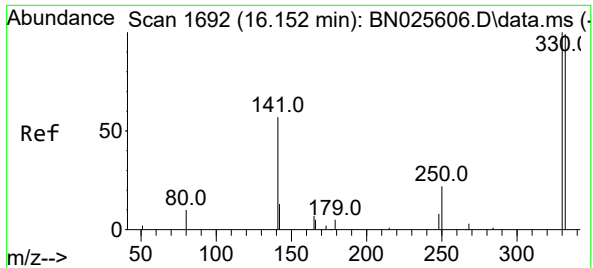
Tgt Ion:152 Resp: 7175  
 Ion Ratio Lower Upper  
 152 100  
 151 20.3 16.1 24.1



#13  
 Acenaphthene-d10  
 Concen: 0.400 ng  
 RT: 14.651 min Scan# 1560  
 Delta R.T. 0.000 min  
 Lab File: BN025637.D  
 Acq: 27 May 2023 09:16

Tgt Ion:164 Resp: 8453  
 Ion Ratio Lower Upper  
 164 100  
 162 106.1 86.4 129.6  
 160 50.8 41.9 62.9



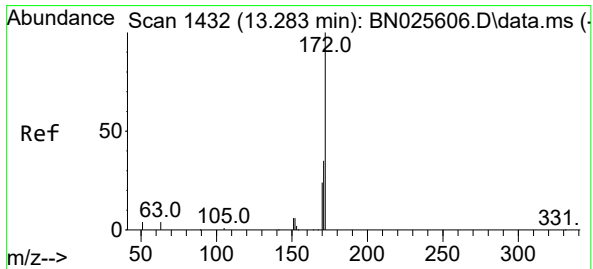
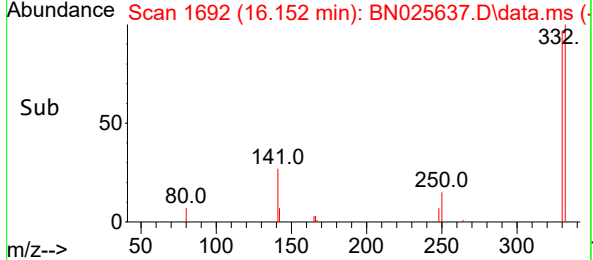
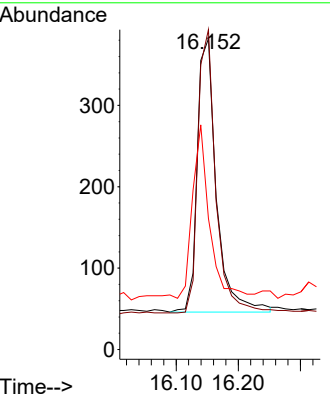
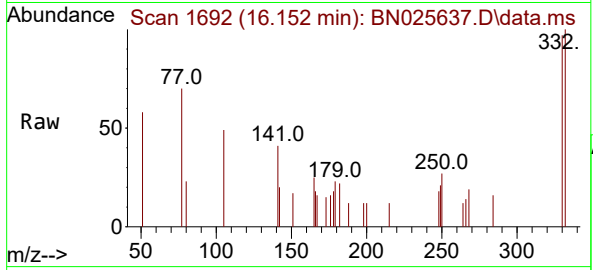


#14  
 2,4,6-Tribromophenol  
 Concen: 0.422 ng  
 RT: 16.152 min Scan# 1692  
 Delta R.T. -0.000 min  
 Lab File: BN025637.D  
 Acq: 27 May 2023 09:16

Instrument : BNA\_N  
 ClientSampleId : RW8-MW01D1-20230518

Tgt Ion: 330 Resp: 721

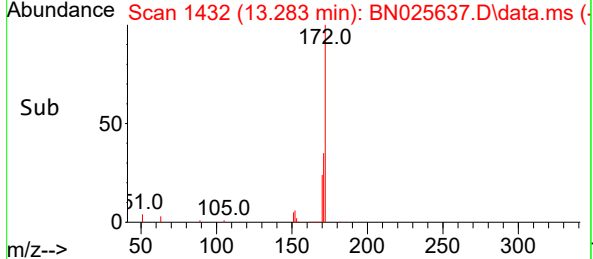
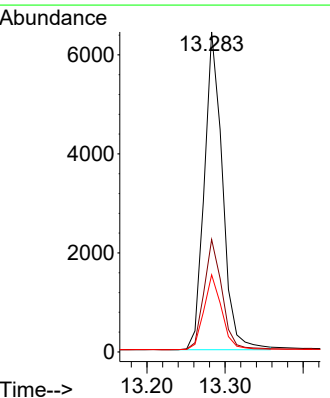
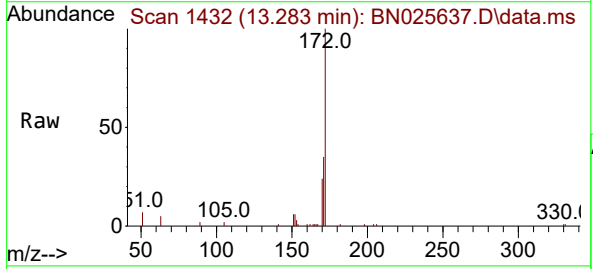
Ion	Ratio	Lower	Upper
330	100		
332	96.1	80.0	120.0
141	52.4	45.8	68.6

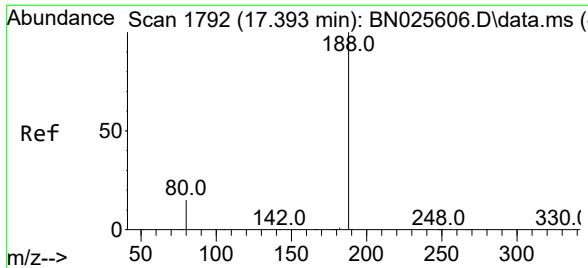


#15  
 2-Fluorobiphenyl  
 Concen: 0.297 ng  
 RT: 13.283 min Scan# 1432  
 Delta R.T. 0.000 min  
 Lab File: BN025637.D  
 Acq: 27 May 2023 09:16

Tgt Ion: 172 Resp: 10354

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.6	42.8
170	24.1	19.7	29.5



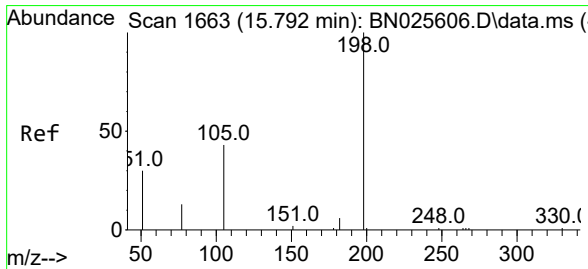
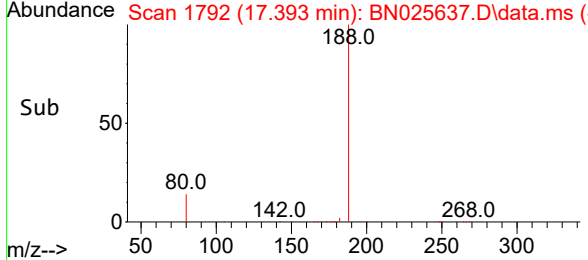
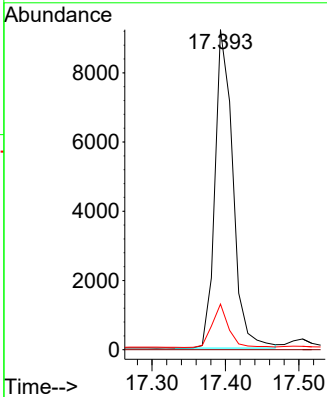
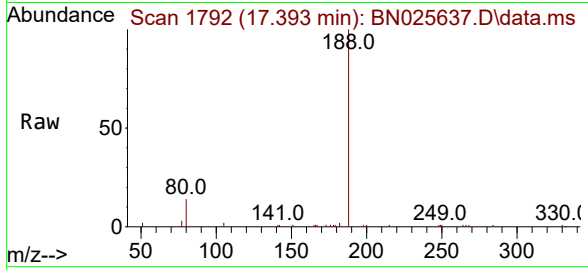


#19  
 Phenanthrene-d10  
 Concen: 0.400 ng  
 RT: 17.393 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: BN025637.D  
 Acq: 27 May 2023 09:16

**Instrument :**  
 BNA\_N  
**ClientSampleId :**  
 RW8-MW01D1-20230518

Tgt Ion:188 Resp: 15573

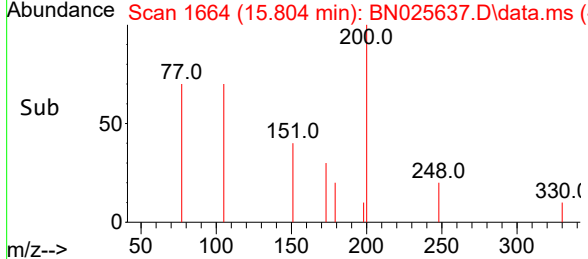
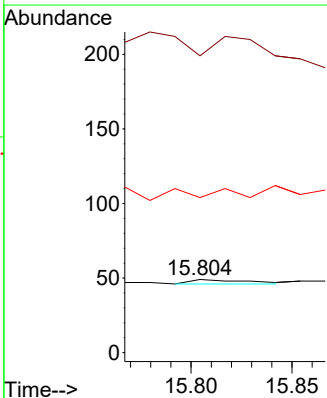
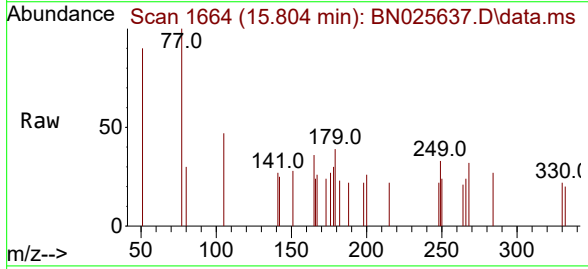
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.3	12.2	18.2



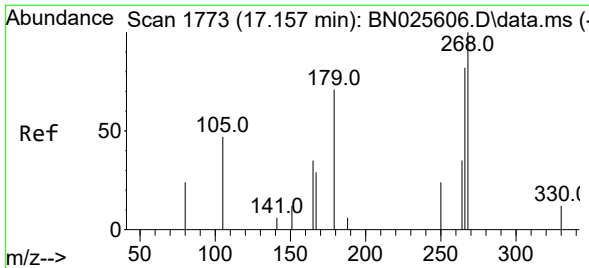
#20  
 4,6-Dinitro-2-methylphenol  
 Concen: 0.116 ng  
 RT: 15.804 min Scan# 1664  
 Delta R.T. 0.012 min  
 Lab File: BN025637.D  
 Acq: 27 May 2023 09:16

Tgt Ion:198 Resp: 6

Ion	Ratio	Lower	Upper
198	100		
51	406.1	110.8	166.2#
105	212.2	61.9	92.9#

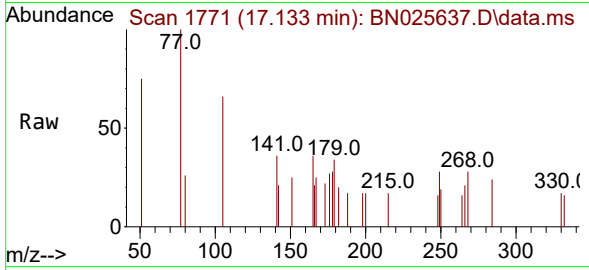




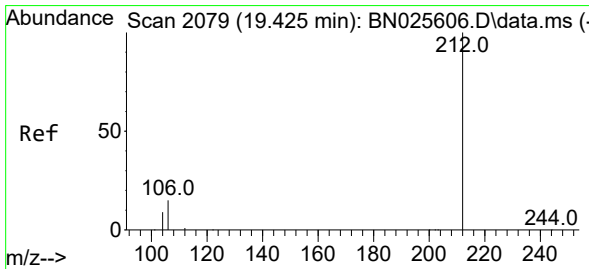
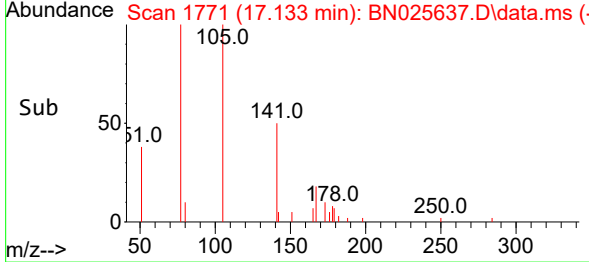
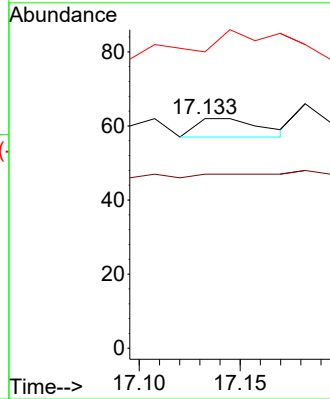


#24  
 Pentachlorophenol  
 Concen: 0.376 ng  
 RT: 17.133 min Scan# 11  
 Delta R.T. -0.024 min  
 Lab File: BN025637.D  
 Acq: 27 May 2023 09:16

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RW8-MW01D1-20230518

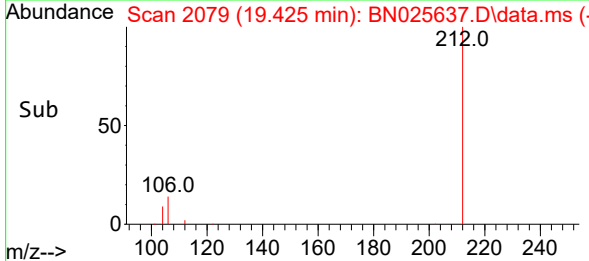
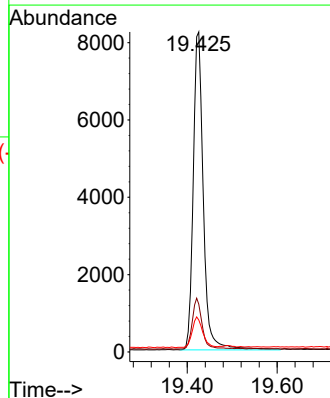
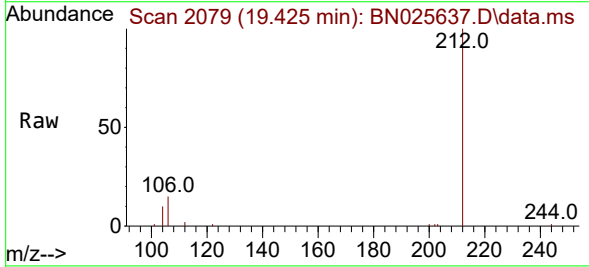


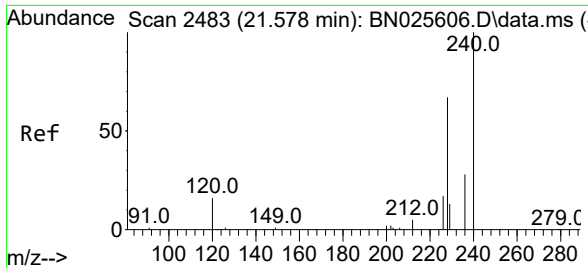
Tgt Ion:266 Resp: 11  
 Ion Ratio Lower Upper  
 266 100  
 264 0.0 60.0 90.0#  
 268 227.3 0.0 0.0#



#27  
 Fluoranthene-d10  
 Concen: 0.364 ng  
 RT: 19.425 min Scan# 2079  
 Delta R.T. 0.000 min  
 Lab File: BN025637.D  
 Acq: 27 May 2023 09:16

Tgt Ion:212 Resp: 12843  
 Ion Ratio Lower Upper  
 212 100  
 106 15.8 12.3 18.5  
 104 10.0 7.2 10.8



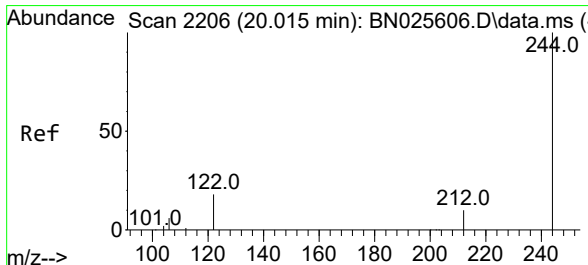
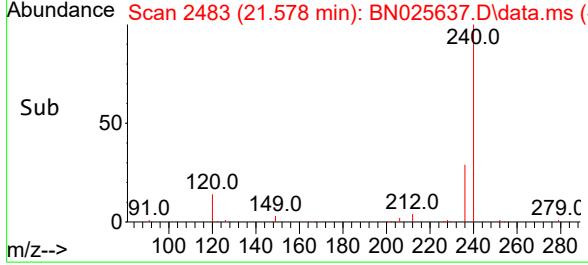
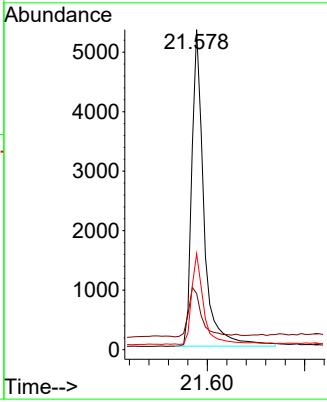
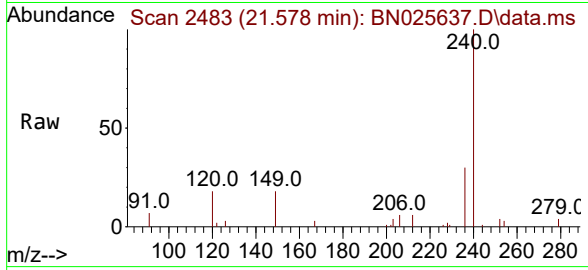


#29  
 Chrysene-d12  
 Concen: 0.400 ng  
 RT: 21.578 min Scan# 2483  
 Delta R.T. 0.000 min  
 Lab File: BN025637.D  
 Acq: 27 May 2023 09:16

Instrument : BNA\_N  
 ClientSampleId : RW8-MW01D1-20230518

Tgt Ion:240 Resp: 9180

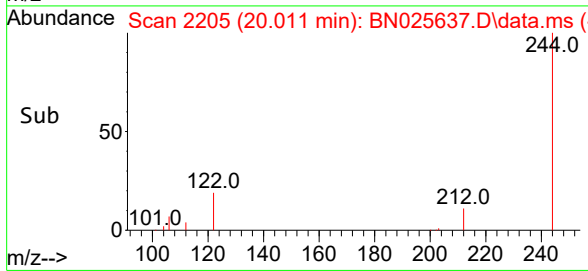
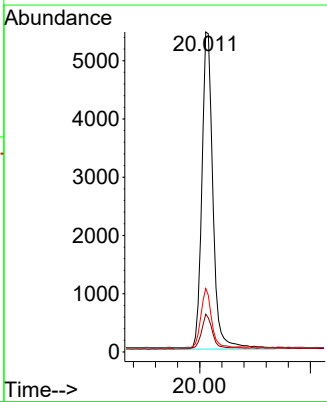
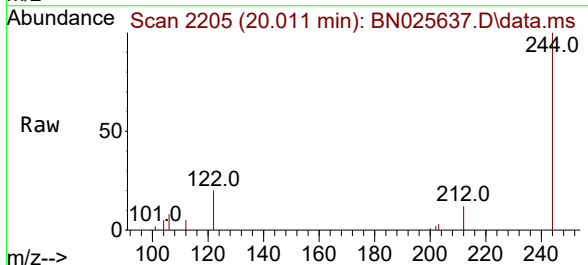
Ion	Ratio	Lower	Upper
240	100		
120	17.6	15.4	23.0
236	30.0	23.2	34.8

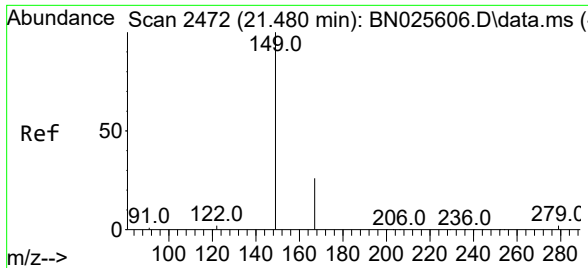


#31  
 Terphenyl-d14  
 Concen: 0.379 ng  
 RT: 20.011 min Scan# 2205  
 Delta R.T. -0.005 min  
 Lab File: BN025637.D  
 Acq: 27 May 2023 09:16

Tgt Ion:244 Resp: 7616

Ion	Ratio	Lower	Upper
244	100		
212	11.8	8.5	12.7
122	19.9	14.9	22.3

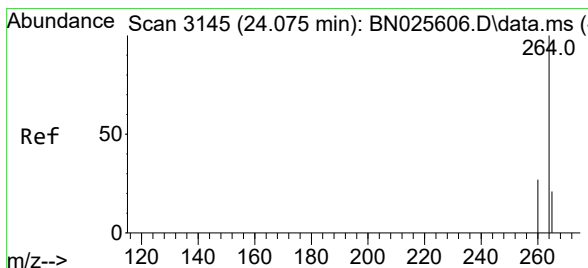
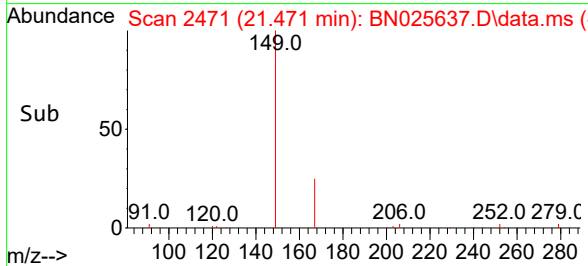
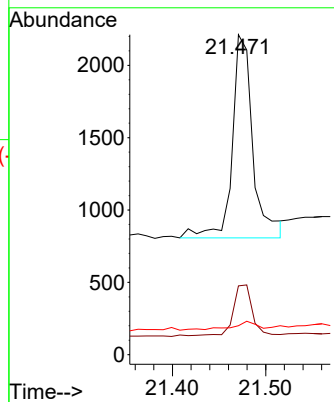
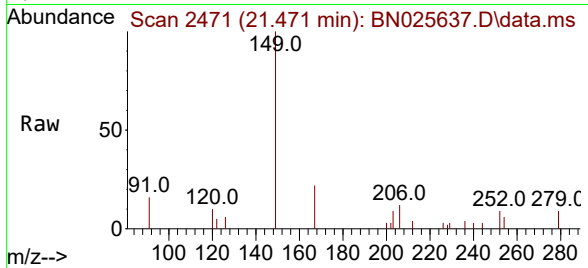




#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.104 ng  
 RT: 21.471 min Scan# 2471  
 Delta R.T. -0.009 min  
 Lab File: BN025637.D  
 Acq: 27 May 2023 09:16

Instrument : BNA\_N  
 ClientSampleId : RW8-MW01D1-20230518

Tgt Ion	Resp	Lower	Upper
149	100		
167	24.8	20.4	30.6
279	4.1	3.3	4.9



#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 24.066 min Scan# 3142  
 Delta R.T. -0.009 min  
 Lab File: BN025637.D  
 Acq: 27 May 2023 09:16

Tgt Ion	Resp	Lower	Upper
264	100		
260	26.9	22.3	33.5
265	60.7	54.3	81.5

