

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072423\
 Data File : BN026747.D
 Acq On : 25 Jul 2023 15:38
 Operator : MA/JU
 Sample : 03635-03
 Misc :
 ALS Vial : 77 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EB-01-071423

Quant Time: Jul 26 05:41:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 24 23:51:48 2023
 Response via : Initial Calibration

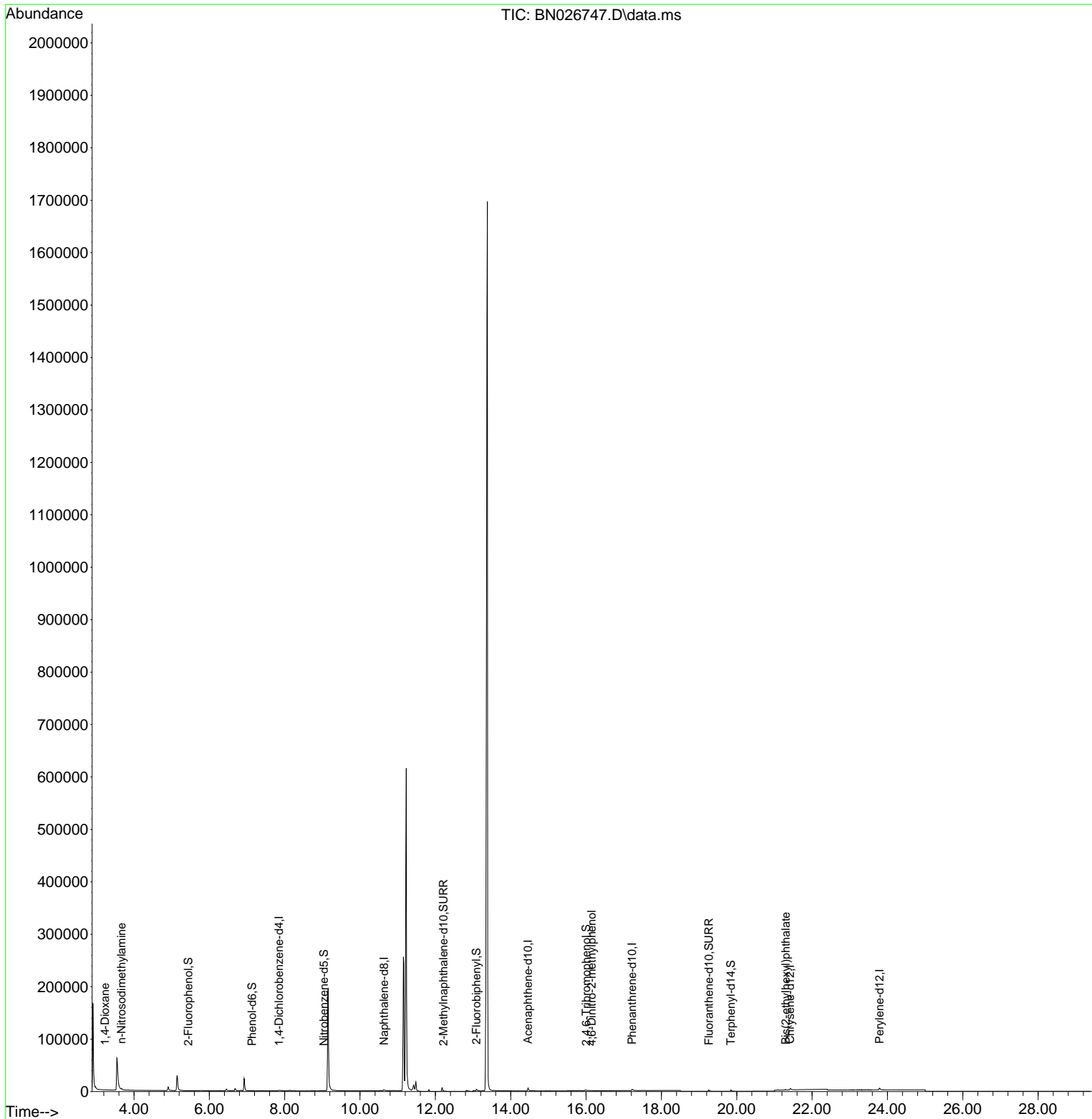
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.849	152	1342	0.400	ng	# 0.01
7) Naphthalene-d8	10.639	136	4640	0.400	ng	# 0.01
13) Acenaphthene-d10	14.459	164	3645	0.400	ng	0.00
19) Phenanthrene-d10	17.219	188	6804	0.400	ng	# 0.00
29) Chrysene-d12	21.417	240	4940	0.400	ng	0.00
35) Perylene-d12	23.788	264	5708	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.444	112	249	0.076	ng	0.03
5) Phenol-d6	7.134	99	86	0.021	ng	0.09
8) Nitrobenzene-d5	9.038	82	643	0.162	ng	0.00
11) 2-Methylnaphthalene-d10	12.218	152	2205	0.325	ng	-0.01
14) 2,4,6-Tribromophenol	16.003	330	232	0.175	ng	0.02
15) 2-Fluorobiphenyl	13.090	172	3760	0.267	ng	-0.01
27) Fluoranthene-d10	19.258	212	5186	0.360	ng	0.00
31) Terphenyl-d14	19.843	244	4114	0.325	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.234	88	89	0.063	ng	# 1
3) n-Nitrosodimethylamine	3.668	42	357	0.248	ng	# 1
20) 4,6-Dinitro-2-methylph...	16.152	198	5	0.063	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.300	149	1352	0.085	ng	# 96

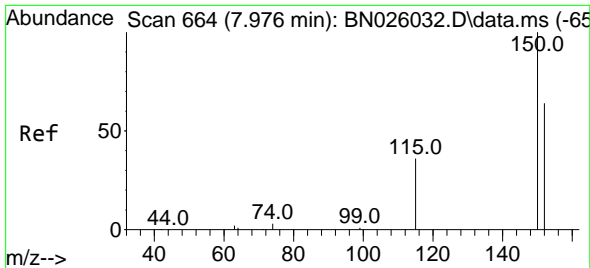
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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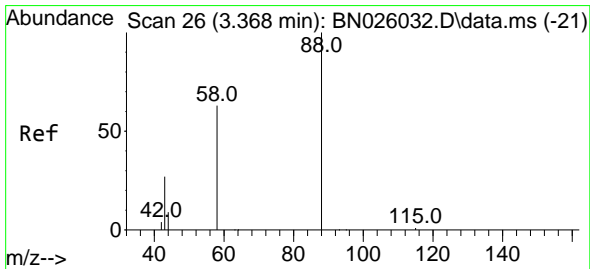
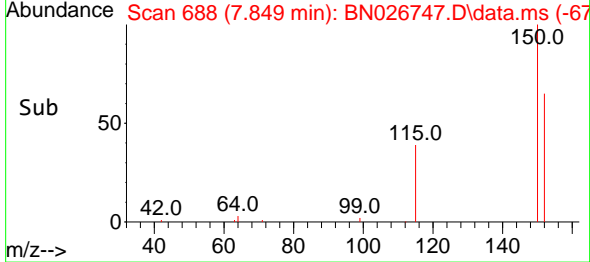
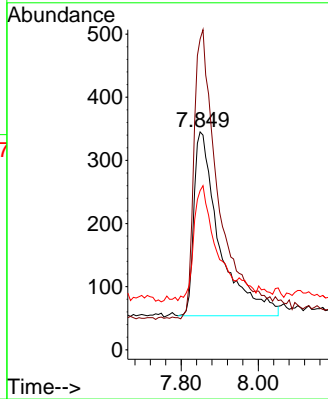
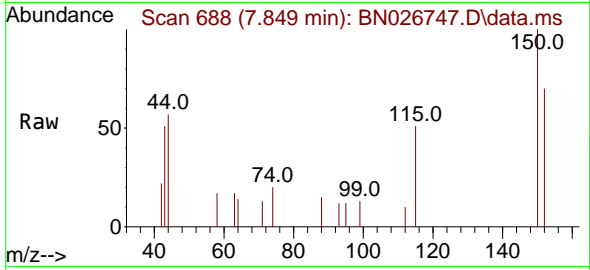




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.849 min Scan# 67
 Delta R.T. 0.014 min
 Lab File: BN026747.D
 Acq: 25 Jul 2023 15:38

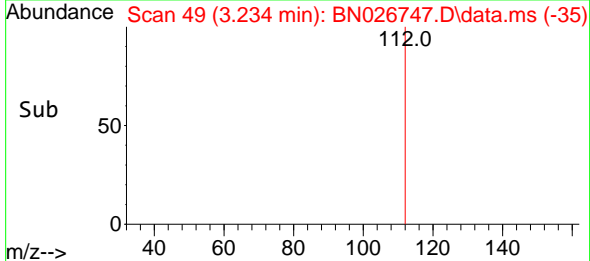
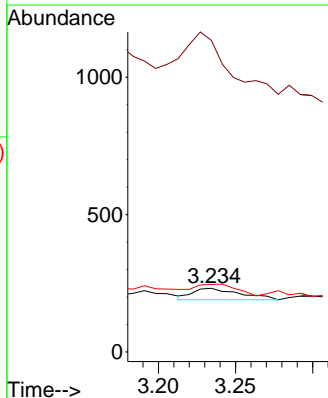
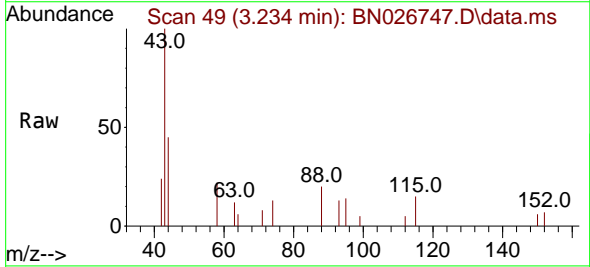
Instrument :
 BNA_N
 ClientSampleId :
 EB-01-071423

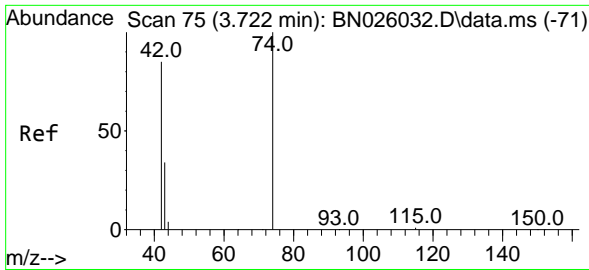
Tgt Ion:152 Resp: 1342
 Ion Ratio Lower Upper
 152 100
 150 142.6 124.7 187.1
 115 73.0 48.2 72.4#



#2
 1,4-Dioxane
 Concen: 0.063 ng
 RT: 3.234 min Scan# 49
 Delta R.T. 0.000 min
 Lab File: BN026747.D
 Acq: 25 Jul 2023 15:38

Tgt Ion: 88 Resp: 89
 Ion Ratio Lower Upper
 88 100
 43 597.8 24.2 36.4#
 58 83.1 53.3 79.9#

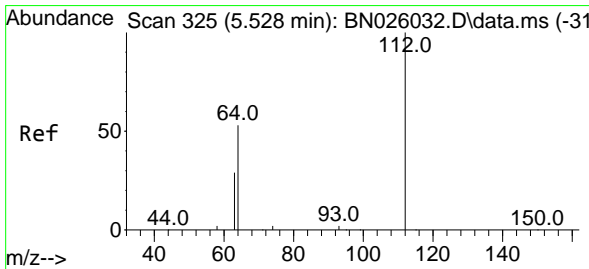
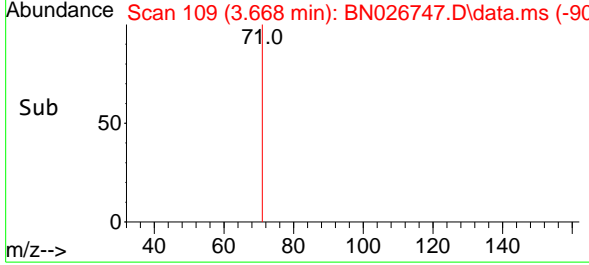
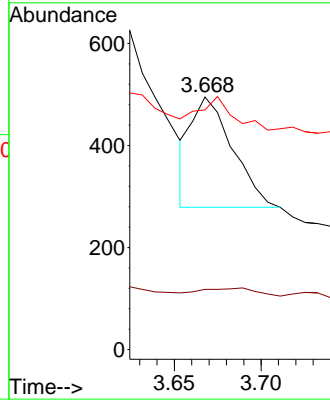
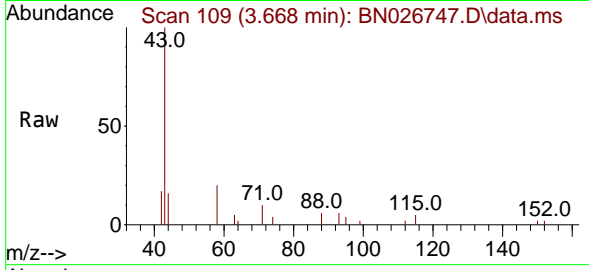




#3
 n-Nitrosodimethylamine
 Concen: 0.248 ng
 RT: 3.668 min Scan# 109
 Delta R.T. 0.036 min
 Lab File: BN026747.D
 Acq: 25 Jul 2023 15:38

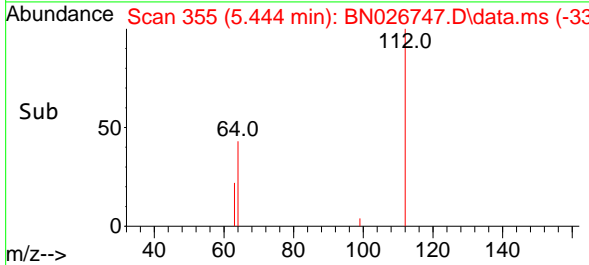
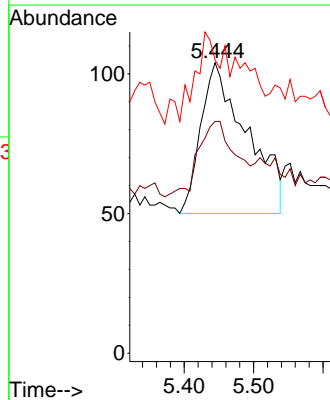
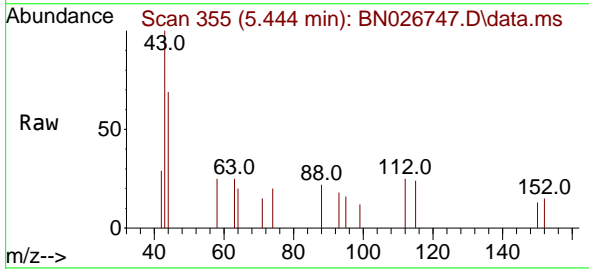
Instrument : BNA_N
 ClientSampleId : EB-01-071423

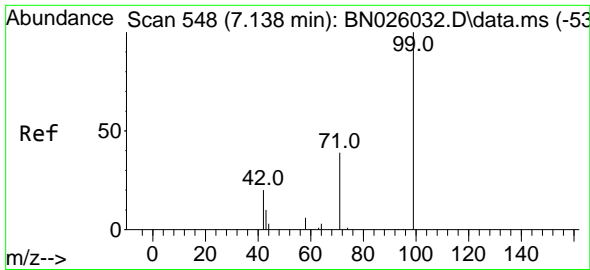
Tgt Ion: 42 Resp: 357
 Ion Ratio Lower Upper
 42 100
 74 0.0 93.8 140.8#
 44 24.9 3.0 4.4#



#4
 2-Fluorophenol
 Concen: 0.076 ng
 RT: 5.444 min Scan# 355
 Delta R.T. 0.029 min
 Lab File: BN026747.D
 Acq: 25 Jul 2023 15:38

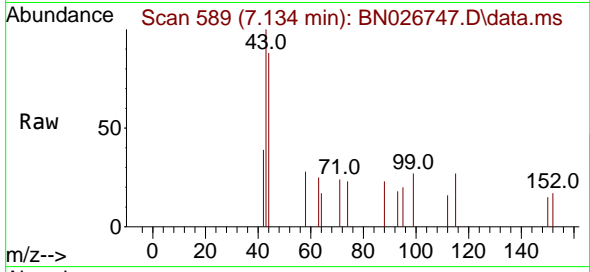
Tgt Ion: 112 Resp: 249
 Ion Ratio Lower Upper
 112 100
 64 40.6 45.8 68.6#
 63 27.3 27.4 41.2#





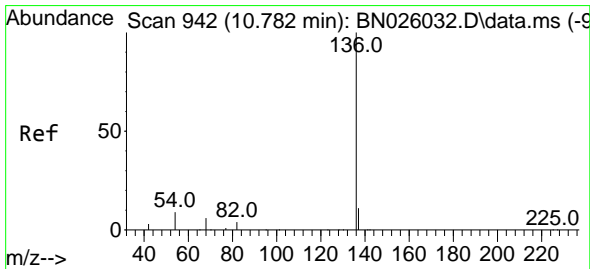
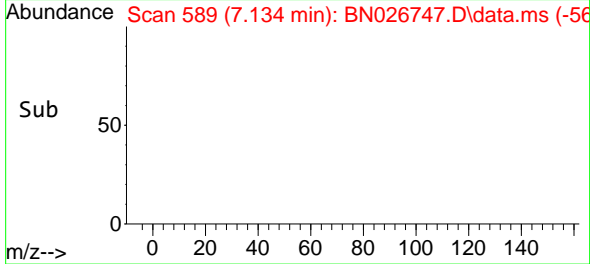
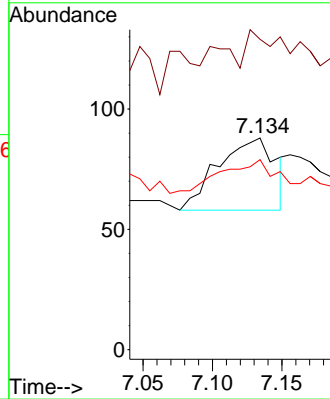
#5
 Phenol-d6
 Concen: 0.021 ng
 RT: 7.134 min Scan# 51
 Delta R.T. 0.094 min
 Lab File: BN026747.D
 Acq: 25 Jul 2023 15:38

Instrument :
 BNA_N
 ClientSampleId :
 EB-01-071423



Tgt Ion: 99 Resp: 86

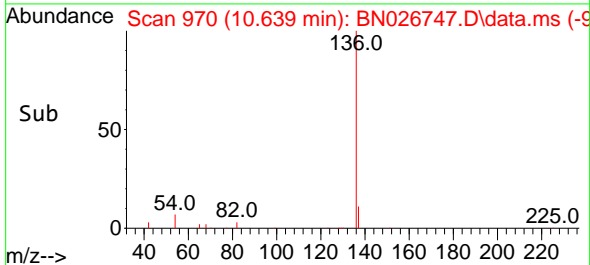
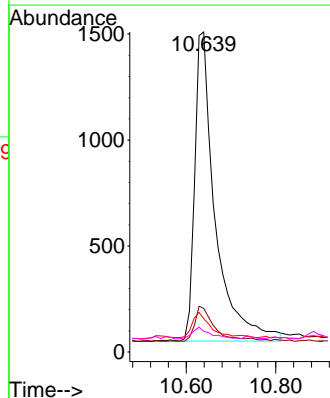
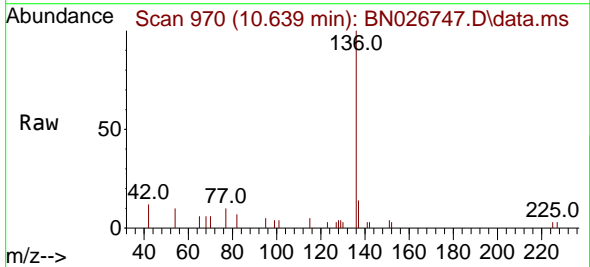
Ion	Ratio	Lower	Upper
99	100		
42	47.7	18.4	27.6#
71	39.5	30.6	46.0

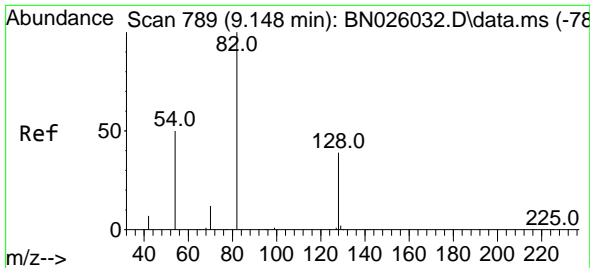


#7
 Naphthalene-d8
 Concen: 0.400 ng
 RT: 10.639 min Scan# 970
 Delta R.T. 0.011 min
 Lab File: BN026747.D
 Acq: 25 Jul 2023 15:38

Tgt Ion: 136 Resp: 4640

Ion	Ratio	Lower	Upper
136	100		
137	13.6	9.0	13.4#
54	10.4	7.8	11.6
68	6.5	5.8	8.8

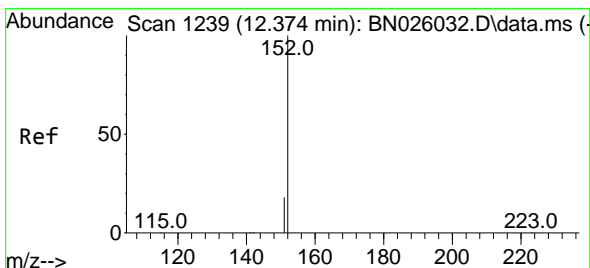
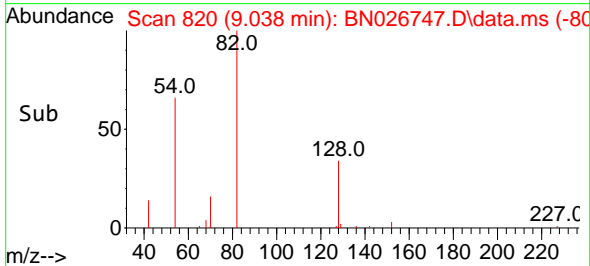
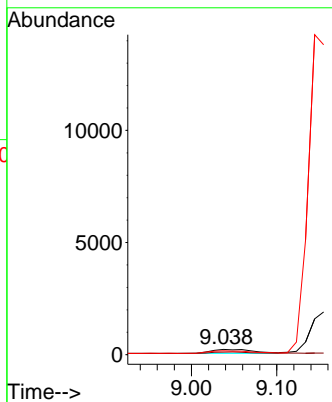
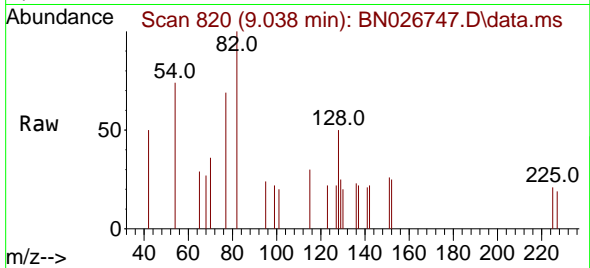




#8
 Nitrobenzene-d5
 Concen: 0.162 ng
 RT: 9.038 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BN026747.D
 Acq: 25 Jul 2023 15:38

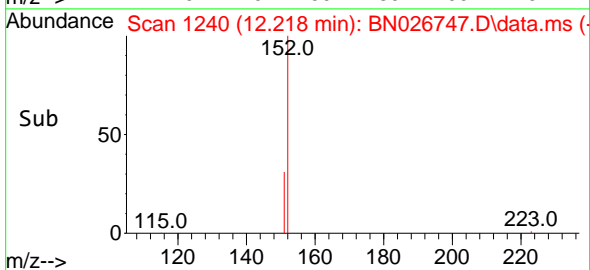
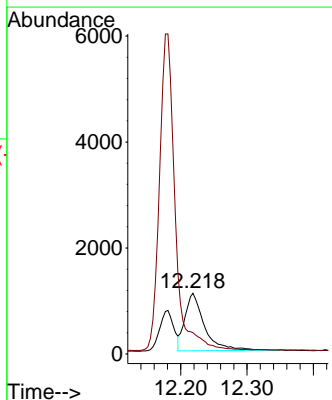
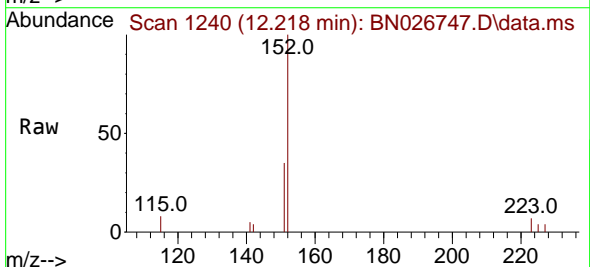
Instrument :
 BNA_N
 ClientSampleId :
 EB-01-071423

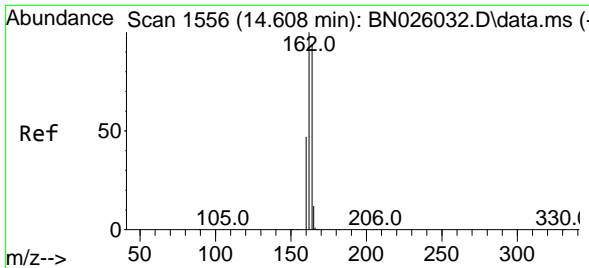
Tgt Ion: 82 Resp: 643
 Ion Ratio Lower Upper
 82 100
 128 50.0 33.4 50.2
 54 74.2 41.7 62.5#



#11
 2-Methylnaphthalene-d10
 Concen: 0.325 ng
 RT: 12.218 min Scan# 1240
 Delta R.T. -0.011 min
 Lab File: BN026747.D
 Acq: 25 Jul 2023 15:38

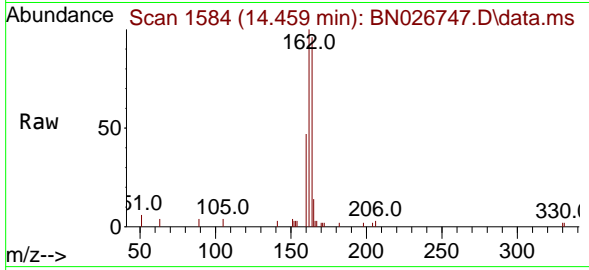
Tgt Ion: 152 Resp: 2205
 Ion Ratio Lower Upper
 152 100
 151 0.0 16.2 24.2#





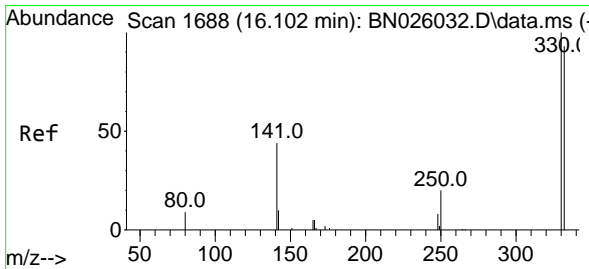
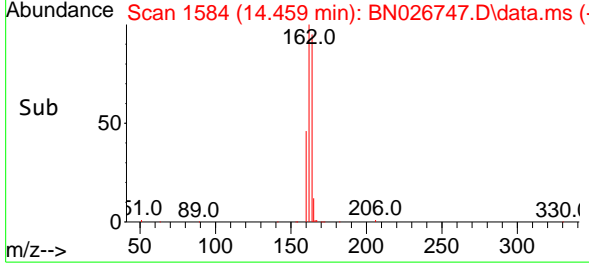
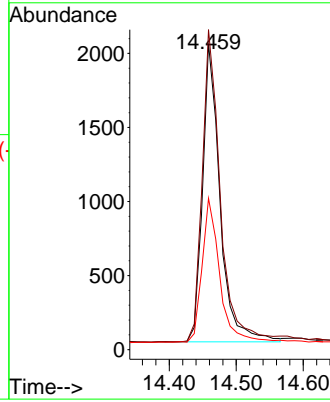
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.459 min Scan# 111
 Delta R.T. 0.000 min
 Lab File: BN026747.D
 Acq: 25 Jul 2023 15:38

Instrument :
 BNA_N
 ClientSampleId :
 EB-01-071423



Tgt Ion:164 Resp: 3645

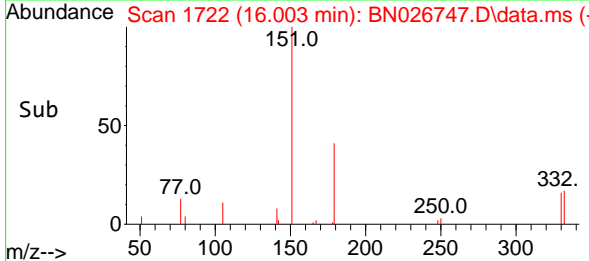
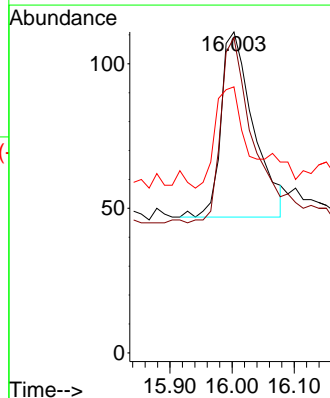
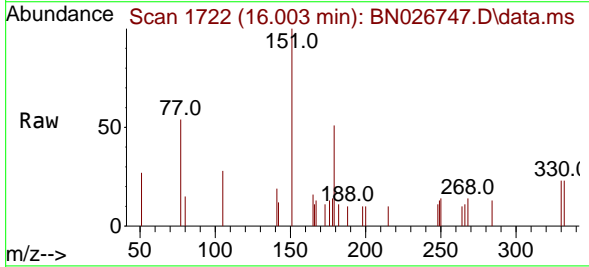
Ion	Ratio	Lower	Upper
164	100		
162	104.6	85.3	127.9
160	49.5	40.0	60.0

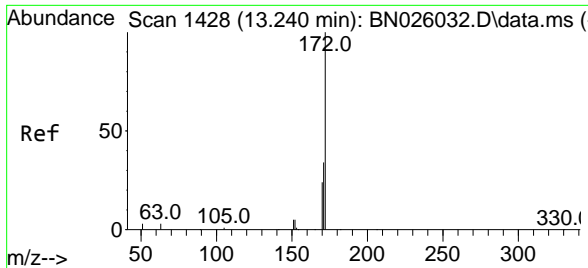


#14
 2,4,6-Tribromophenol
 Concen: 0.175 ng
 RT: 16.003 min Scan# 1722
 Delta R.T. 0.025 min
 Lab File: BN026747.D
 Acq: 25 Jul 2023 15:38

Tgt Ion:330 Resp: 232

Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.0	114.0
141	48.7	42.8	64.2



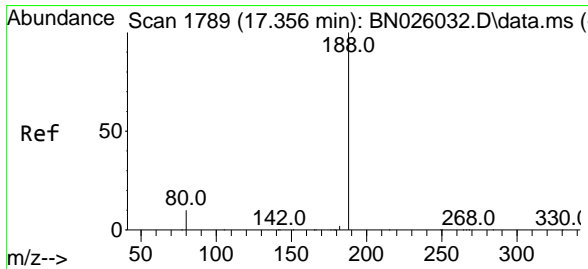
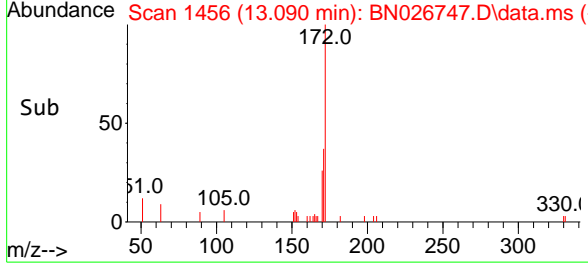
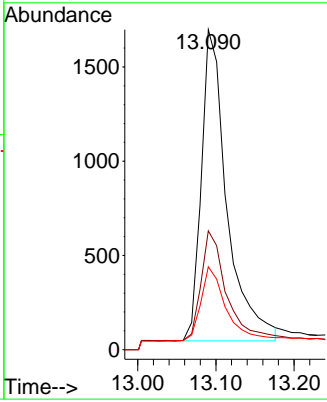
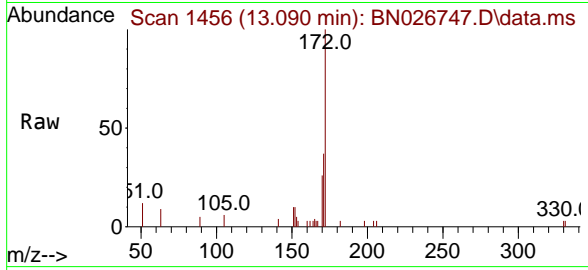


#15
 2-Fluorobiphenyl
 Concen: 0.267 ng
 RT: 13.090 min Scan# 14
 Delta R.T. -0.011 min
 Lab File: BN026747.D
 Acq: 25 Jul 2023 15:38

Instrument : BNA_N
 ClientSampleId : EB-01-071423

Tgt Ion:172 Resp: 3760

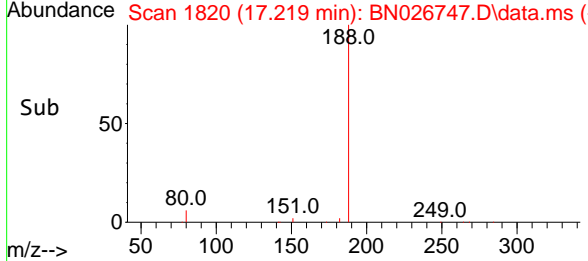
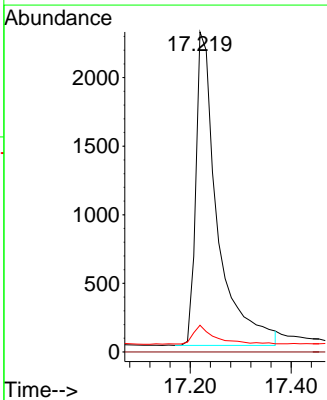
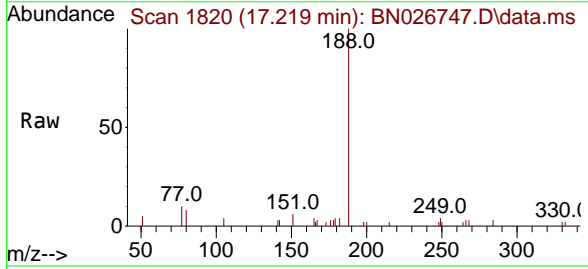
Ion	Ratio	Lower	Upper
172	100		
171	37.2	27.8	41.8
170	25.9	19.3	28.9

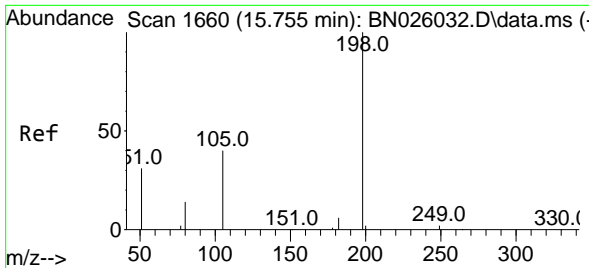


#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.219 min Scan# 1820
 Delta R.T. 0.000 min
 Lab File: BN026747.D
 Acq: 25 Jul 2023 15:38

Tgt Ion:188 Resp: 6804

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.4	8.6	13.0#

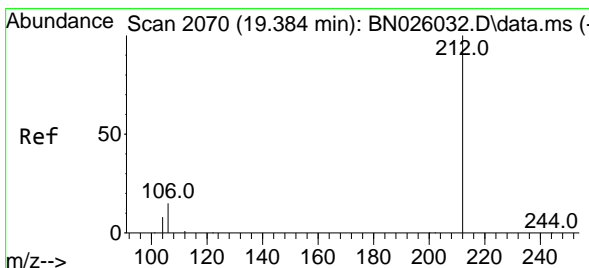
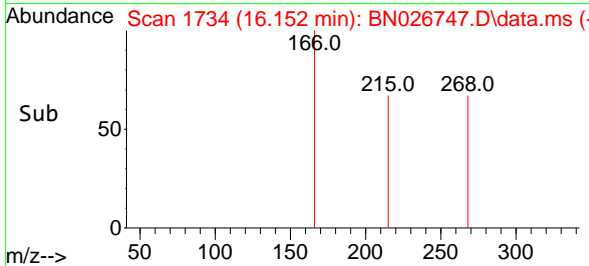
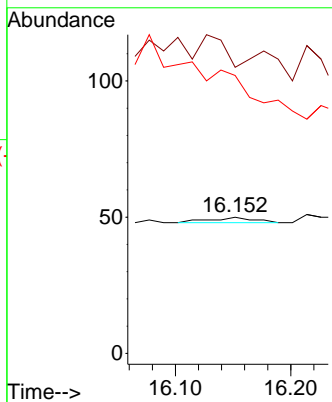
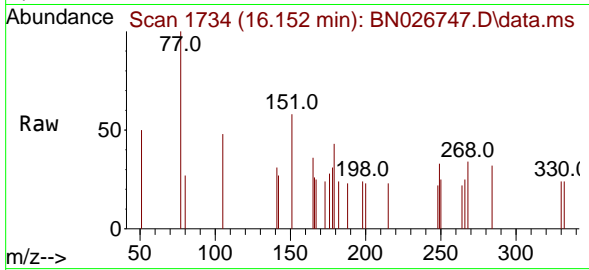




#20
 4,6-Dinitro-2-methylphenol
 Concen: 0.063 ng
 RT: 16.152 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BN026747.D
 Acq: 25 Jul 2023 15:38

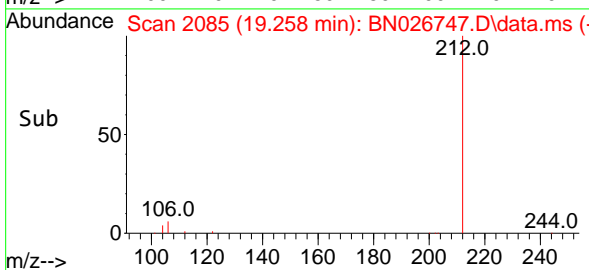
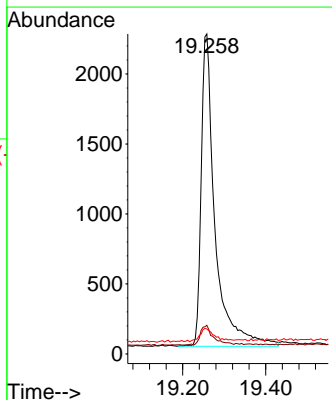
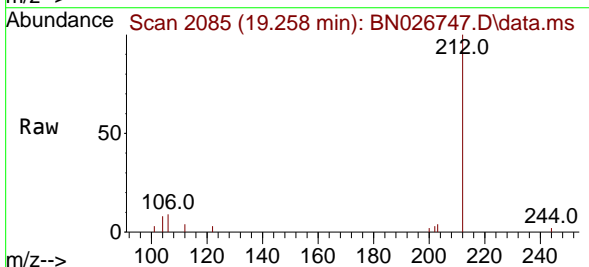
Instrument :
 BNA_N
 ClientSampleId :
 EB-01-071423

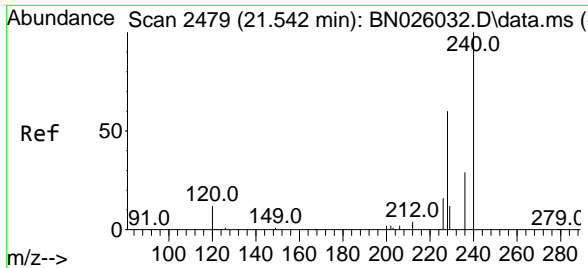
Tgt Ion	Resp	Ion Ratio	Lower	Upper
198	100			
51	210.0	85.8	128.8#	
105	204.0	48.2	72.2#	



#27
 Fluoranthene-d10
 Concen: 0.360 ng
 RT: 19.258 min Scan# 2085
 Delta R.T. 0.009 min
 Lab File: BN026747.D
 Acq: 25 Jul 2023 15:38

Tgt Ion	Resp	Ion Ratio	Lower	Upper
212	100			
106	5.7	11.6	17.4#	
104	4.6	7.2	10.8#	

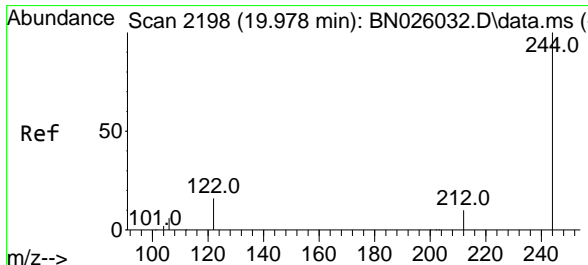
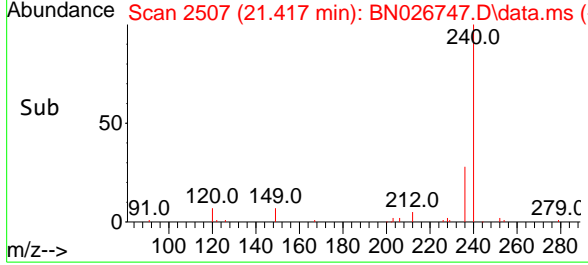
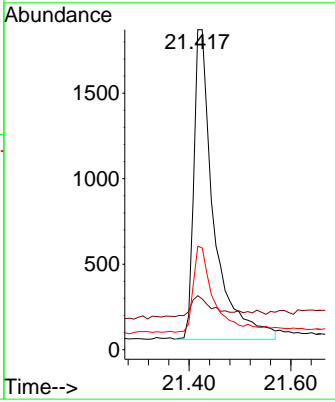
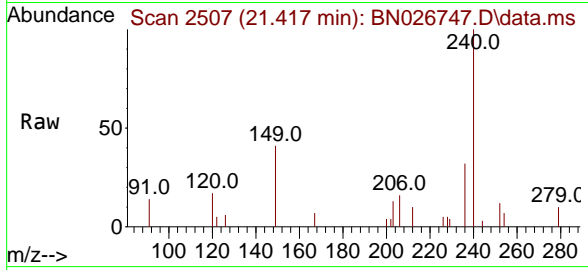




#29
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.417 min Scan# 2111
 Delta R.T. 0.009 min
 Lab File: BN026747.D
 Acq: 25 Jul 2023 15:38

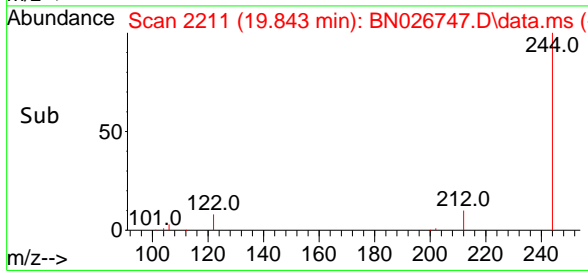
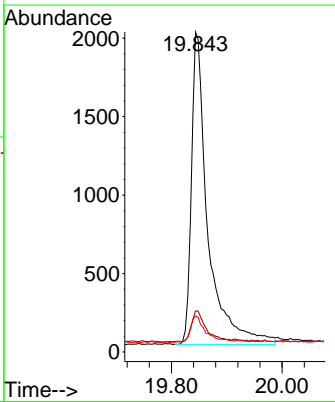
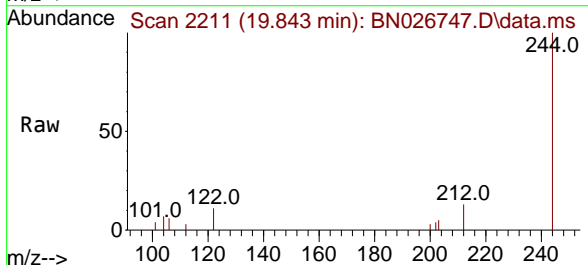
Instrument : BNA_N
 ClientSampleId : EB-01-071423

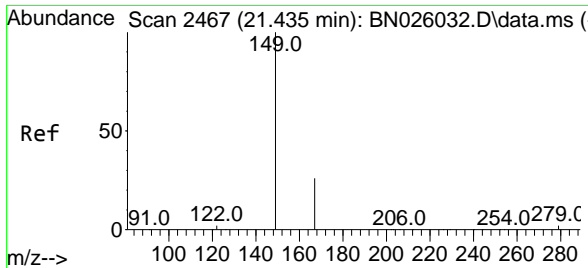
Tgt Ion	Resp	Ion Ratio	Lower	Upper
240	4940	100		
120	16.8	14.6	14.6	22.0
236	32.3	24.2	24.2	36.2



#31
 Terphenyl-d14
 Concen: 0.325 ng
 RT: 19.843 min Scan# 2211
 Delta R.T. -0.005 min
 Lab File: BN026747.D
 Acq: 25 Jul 2023 15:38

Tgt Ion	Resp	Ion Ratio	Lower	Upper
244	4114	100		
212	12.8	8.7	8.7	13.1
122	11.2	13.7	13.7	20.5#

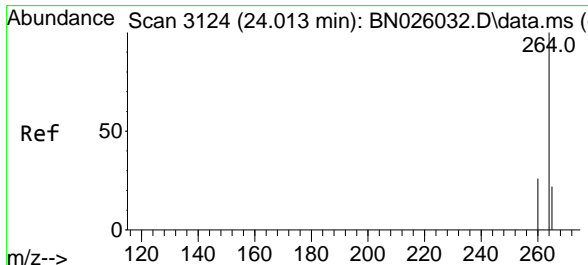
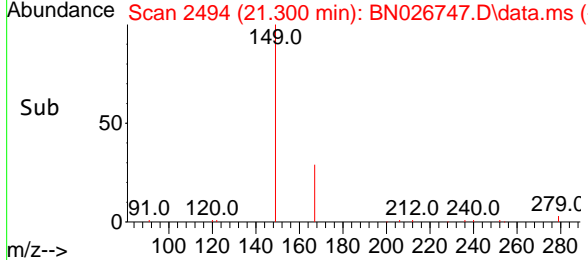
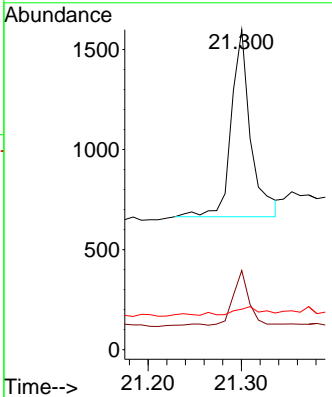
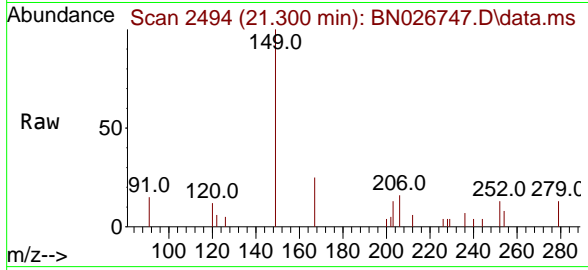




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.085 ng
 RT: 21.300 min Scan# 24
 Delta R.T. 0.000 min
 Lab File: BN026747.D
 Acq: 25 Jul 2023 15:38

Instrument : BNA_N
 ClientSampleId : EB-01-071423

Tgt Ion	Resp	Lower	Upper
149	100		
167	23.7	20.2	30.4
279	5.3	2.4	3.6



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.788 min Scan# 3089
 Delta R.T. 0.006 min
 Lab File: BN026747.D
 Acq: 25 Jul 2023 15:38

Tgt Ion	Resp	Lower	Upper
264	100		
260	28.4	21.9	32.9
265	112.3	80.3	120.5

