

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072423\
 Data File : BN026751.D
 Acq On : 25 Jul 2023 18:07
 Operator : MA/JU
 Sample : 03709-02
 Misc :
 ALS Vial : 87 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EB-01-072023

Quant Time: Jul 26 05:42:43 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)

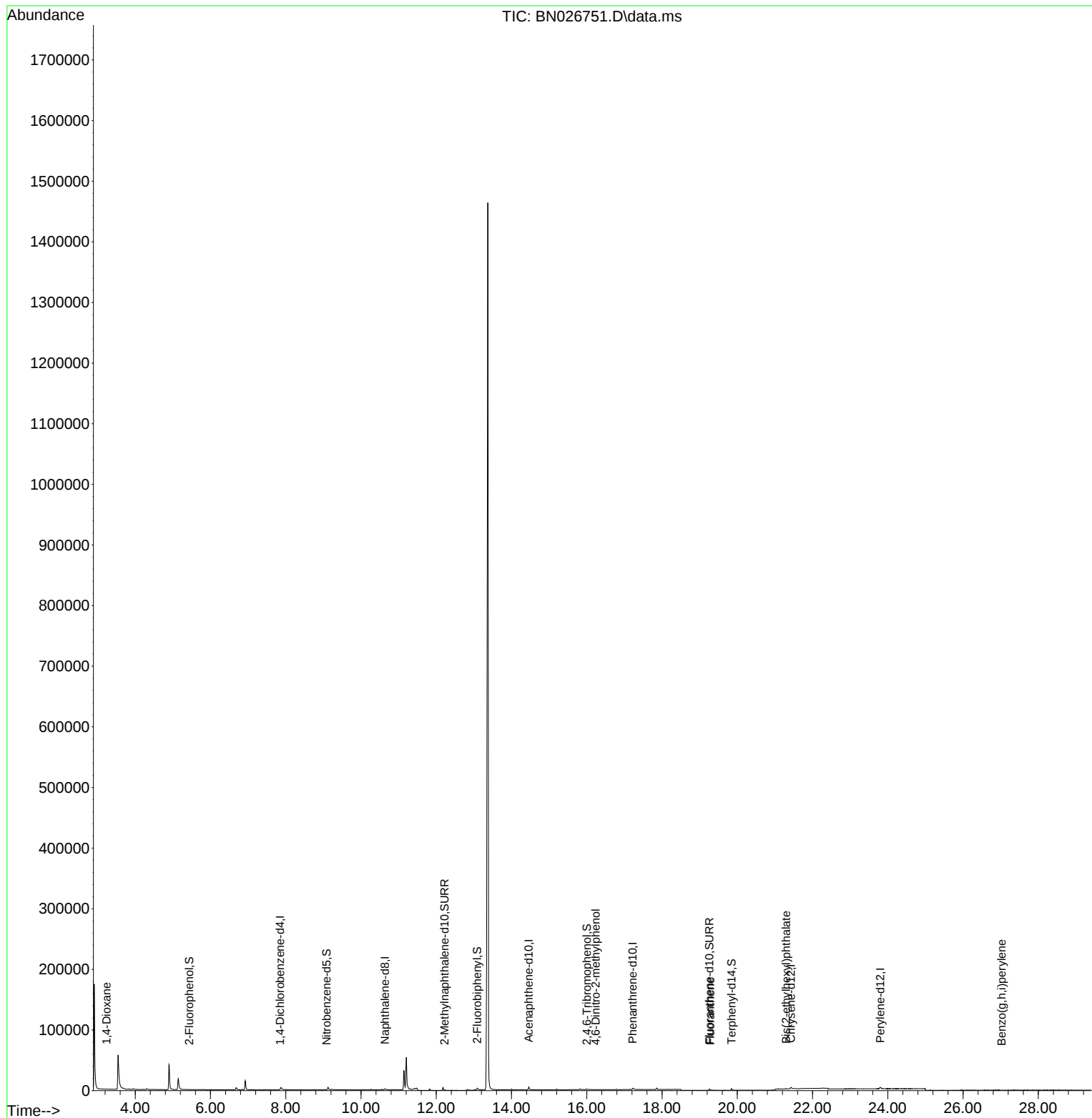
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.849	152	1124	0.400	ng	# 0.01
7) Naphthalene-d8	10.639	136	3700	0.400	ng	# 0.01
13) Acenaphthene-d10	14.459	164	3128	0.400	ng	0.00
19) Phenanthrene-d10	17.219	188	5686	0.400	ng	# 0.00
29) Chrysene-d12	21.426	240	4196	0.400	ng	0.02
35) Perylene-d12	23.797	264	4969	0.400	ng	# 0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.437	112	81	0.030	ng	0.02
5) Phenol-d6	7.142	99	20	0.006	ng	0.10
8) Nitrobenzene-d5	9.080	82	291	0.092	ng	0.04
11) 2-Methylnaphthalene-d10	12.219	152	1644	0.304	ng	-0.01
14) 2,4,6-Tribromophenol	16.003	330	241	0.212	ng	0.02
15) 2-Fluorobiphenyl	13.090	172	3540	0.293	ng	-0.01
27) Fluoranthene-d10	19.258	212	4343	0.360	ng	0.00
31) Terphenyl-d14	19.844	244	4565	0.425	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.234	88	57	0.048	ng	# 1
20) 4,6-Dinitro-2-methylph...	16.239	198	3	0.062	ng	# 1
28) Fluoranthene	19.286	202	426	0.024	ng	# 86
34) Bis(2-ethylhexyl)phtha...	21.300	149	1010	0.075	ng	# 95
41) Benzo(g,h,i)perylene	27.025	276	522	0.028	ng	# 39

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

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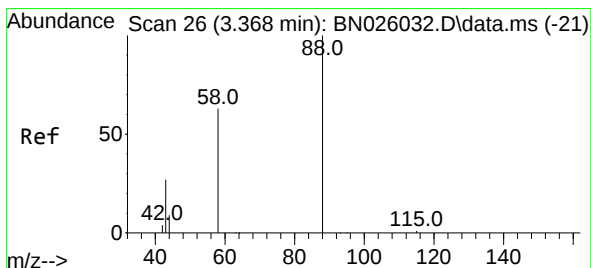
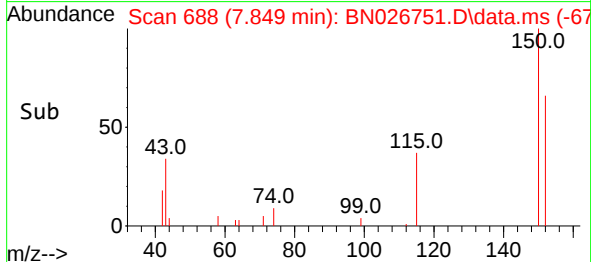
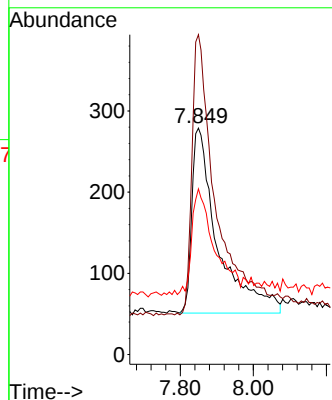
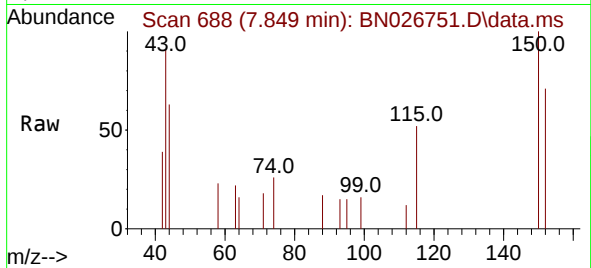




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.849 min Scan# 61
 Delta R.T. 0.014 min
 Lab File: BN026751.D
 Acq: 25 Jul 2023 18:07

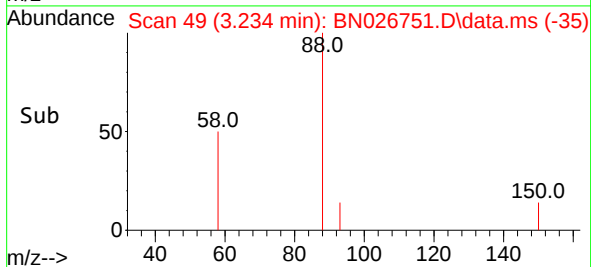
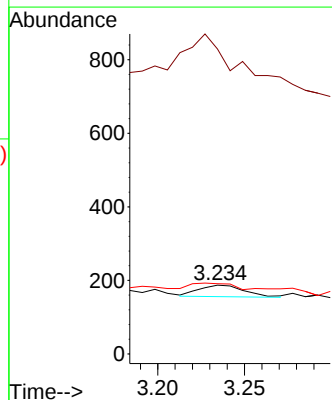
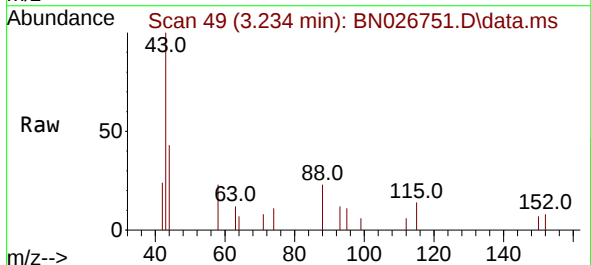
Instrument :
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 ClientSampleId :
 EB-01-072023

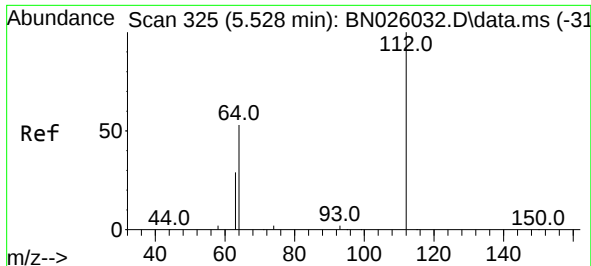
Tgt Ion:152 Resp: 1124
 Ion Ratio Lower Upper
 152 100
 150 141.2 124.7 187.1
 115 73.1 48.2 72.4#



#2
 1,4-Dioxane
 Concen: 0.048 ng
 RT: 3.234 min Scan# 49
 Delta R.T. 0.000 min
 Lab File: BN026751.D
 Acq: 25 Jul 2023 18:07

Tgt Ion: 88 Resp: 57
 Ion Ratio Lower Upper
 88 100
 43 835.1 24.2 36.4#
 58 45.6 53.3 79.9#

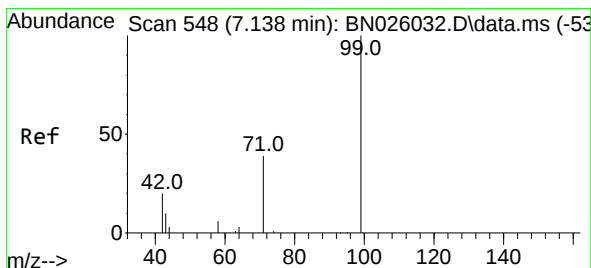
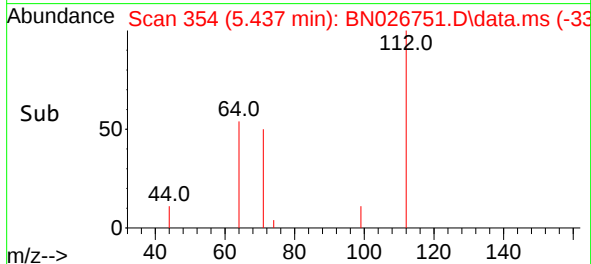
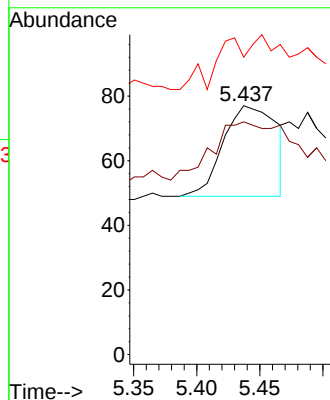
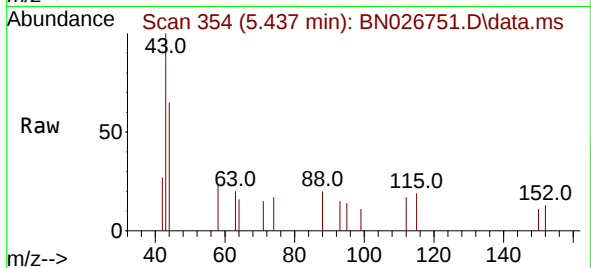




#4
2-Fluorophenol
Concen: 0.030 ng
RT: 5.437 min Scan# 31
Delta R.T. 0.022 min
Lab File: BN026751.D
Acq: 25 Jul 2023 18:07

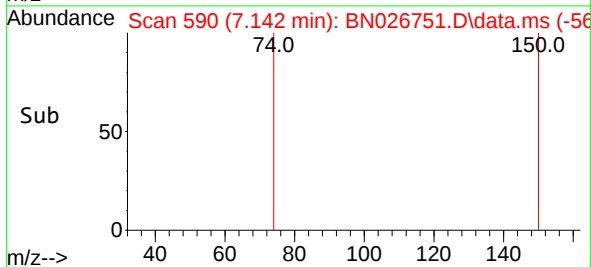
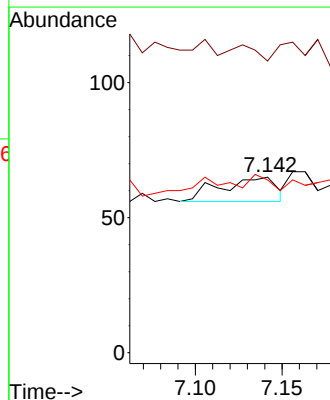
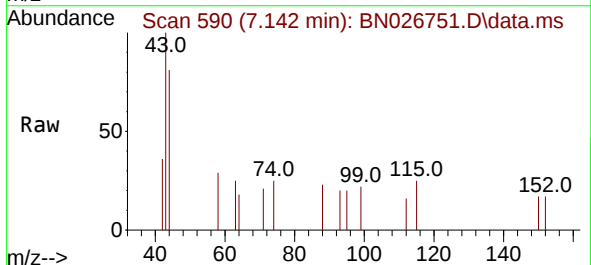
Instrument :
BNA_N
ClientSampleId :
EB-01-072023

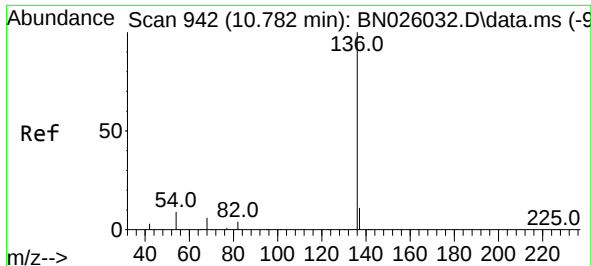
Tgt Ion:112 Resp: 81
Ion Ratio Lower Upper
112 100
64 102.5 45.8 68.6#
63 32.1 27.4 41.2



#5
Phenol-d6
Concen: 0.006 ng
RT: 7.142 min Scan# 590
Delta R.T. 0.101 min
Lab File: BN026751.D
Acq: 25 Jul 2023 18:07

Tgt Ion: 99 Resp: 20
Ion Ratio Lower Upper
99 100
42 0.0 18.4 27.6#
71 20.0 30.6 46.0#

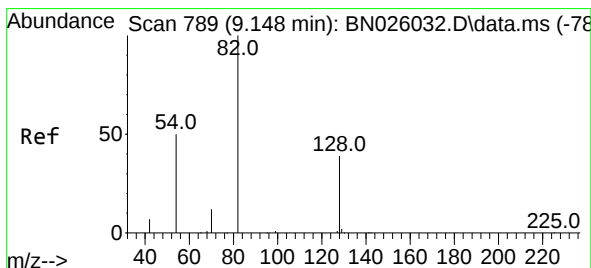
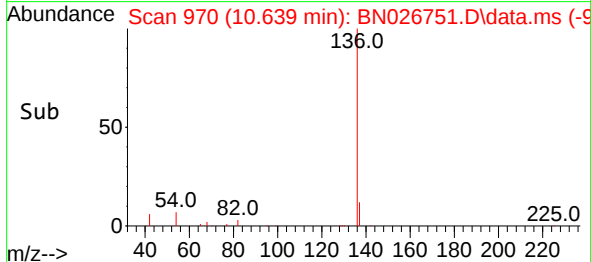
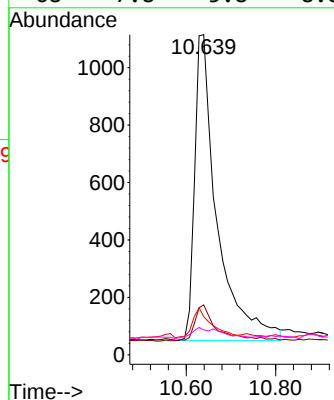
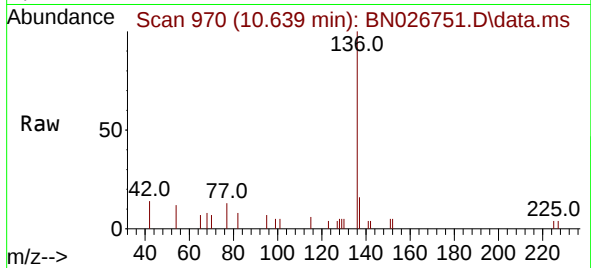




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.639 min Scan# 91
Delta R.T. 0.011 min
Lab File: BN026751.D
Acq: 25 Jul 2023 18:07

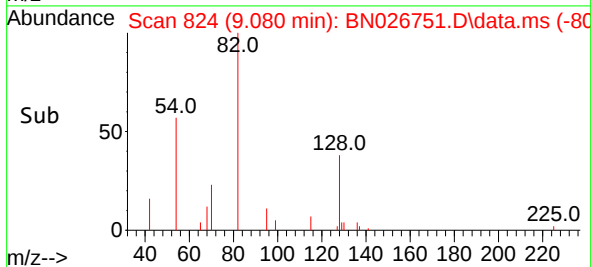
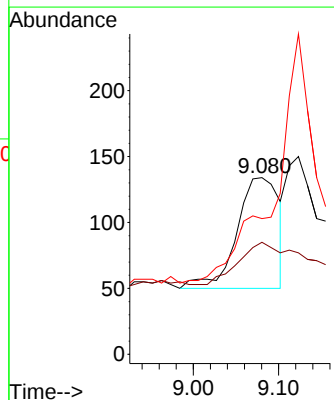
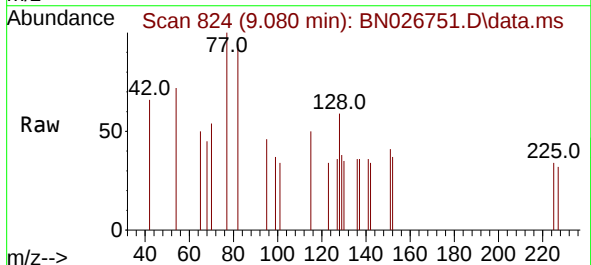
Instrument :
BNA_N
ClientSampleId :
EB-01-072023

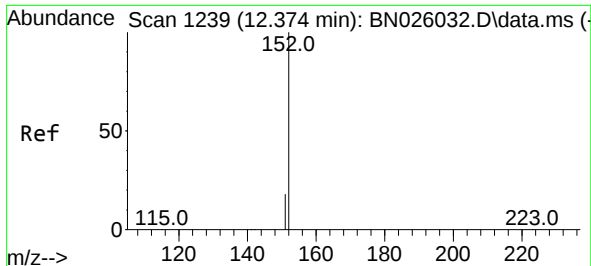
Tgt Ion:	136	Resp:	3700
Ion Ratio	Lower	Upper	
136	100		
137	15.6	9.0	13.4#
54	11.9	7.8	11.6#
68	7.8	5.8	8.8



#8
Nitrobenzene-d5
Concen: 0.092 ng
RT: 9.080 min Scan# 824
Delta R.T. 0.043 min
Lab File: BN026751.D
Acq: 25 Jul 2023 18:07

Tgt Ion:	82	Resp:	291
Ion Ratio	Lower	Upper	
82	100		
128	63.4	33.4	50.2#
54	76.9	41.7	62.5#

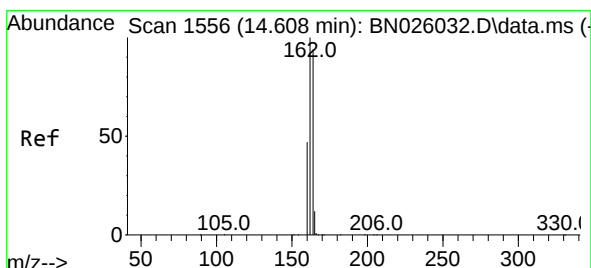
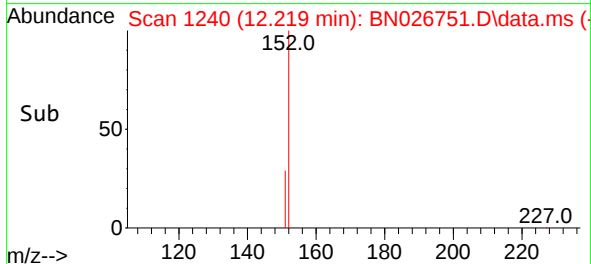
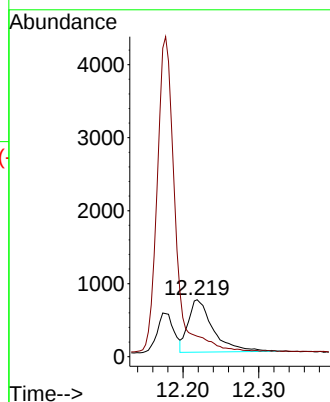
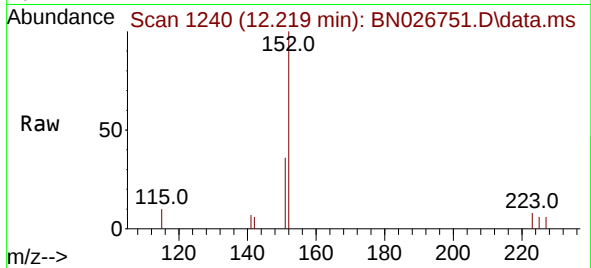




#11
 2-Methylnaphthalene-d10
 Concen: 0.304 ng
 RT: 12.219 min Scan# 1584
 Delta R.T. -0.011 min
 Lab File: BN026751.D
 Acq: 25 Jul 2023 18:07

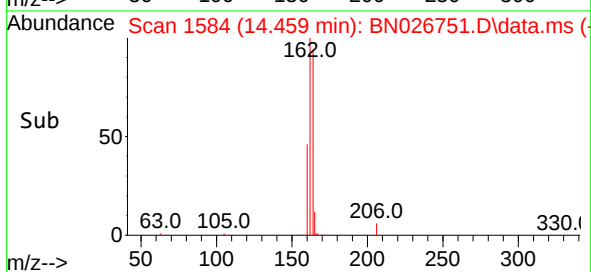
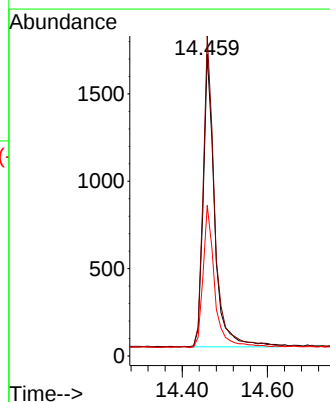
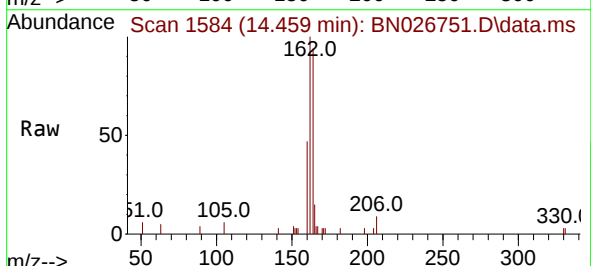
Instrument :
 BNA_N
 ClientSampleId :
 EB-01-072023

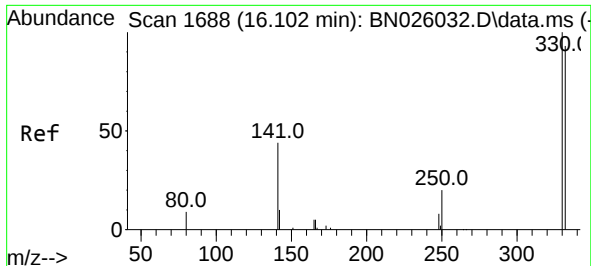
Tgt Ion:152 Resp: 1644
 Ion Ratio Lower Upper
 152 100
 151 0.0 16.2 24.2#



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.459 min Scan# 1584
 Delta R.T. 0.000 min
 Lab File: BN026751.D
 Acq: 25 Jul 2023 18:07

Tgt Ion:164 Resp: 3128
 Ion Ratio Lower Upper
 164 100
 162 106.1 85.3 127.9
 160 49.9 40.0 60.0

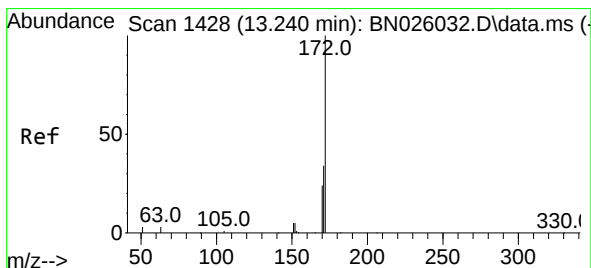
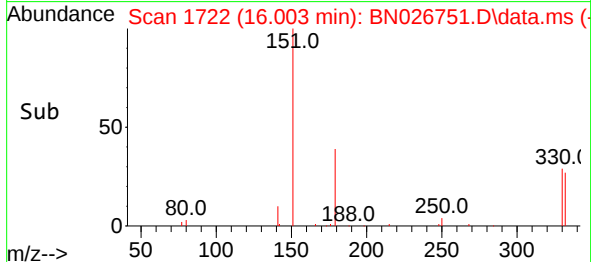
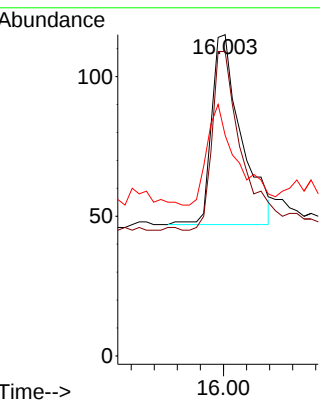
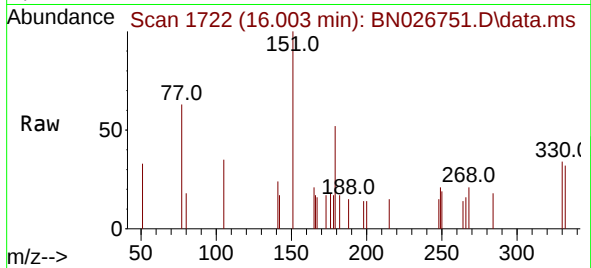




#14
2,4,6-Tribromophenol
Concen: 0.212 ng
RT: 16.003 min Scan# 11
Delta R.T. 0.025 min
Lab File: BN026751.D
Acq: 25 Jul 2023 18:07

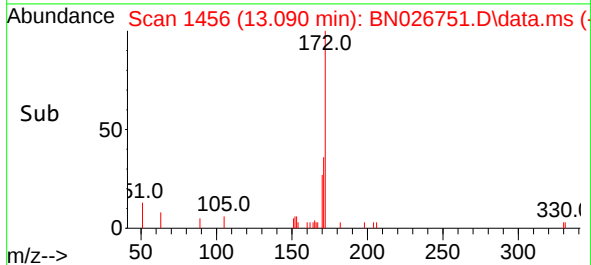
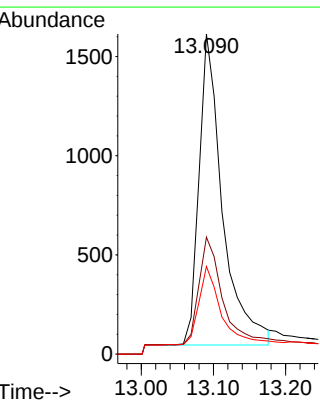
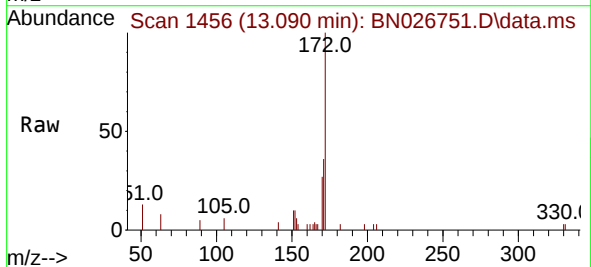
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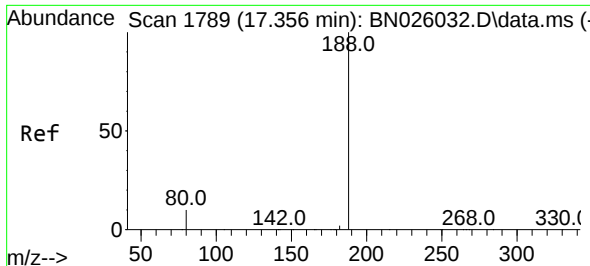
Tgt Ion:330 Resp: 241
Ion Ratio Lower Upper
330 100
332 91.3 76.0 114.0
141 53.1 42.8 64.2



#15
2-Fluorobiphenyl
Concen: 0.293 ng
RT: 13.090 min Scan# 1456
Delta R.T. -0.011 min
Lab File: BN026751.D
Acq: 25 Jul 2023 18:07

Tgt Ion:172 Resp: 3540
Ion Ratio Lower Upper
172 100
171 36.5 27.8 41.8
170 27.4 19.3 28.9

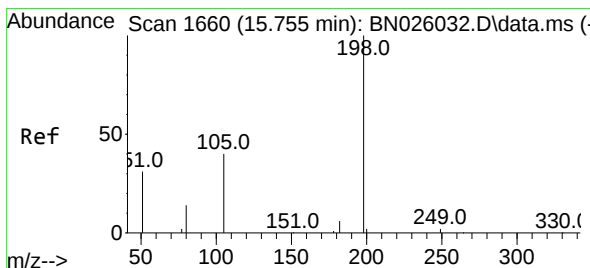
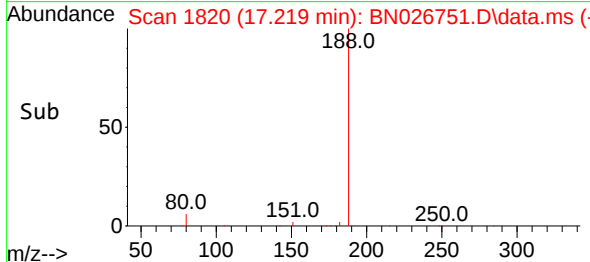
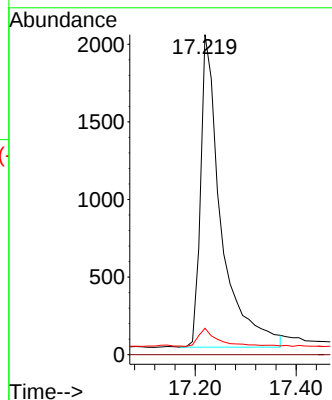
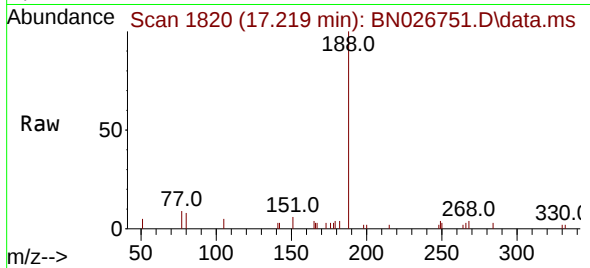




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.219 min Scan# 1741
Delta R.T. 0.000 min
Lab File: BN026751.D
Acq: 25 Jul 2023 18:07

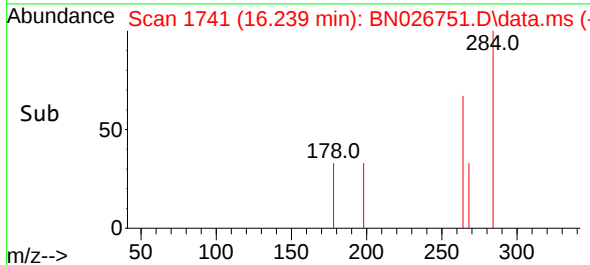
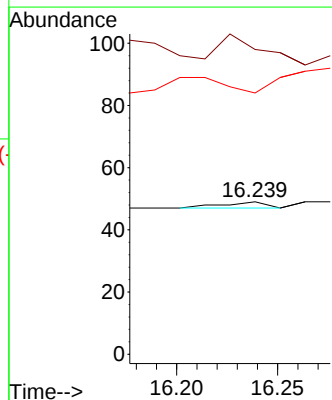
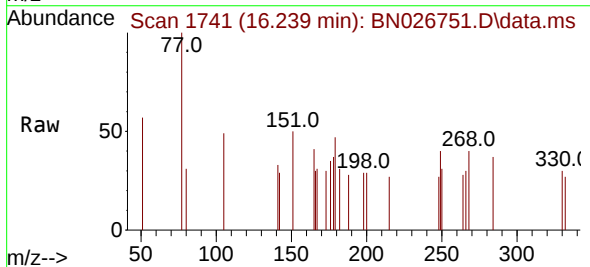
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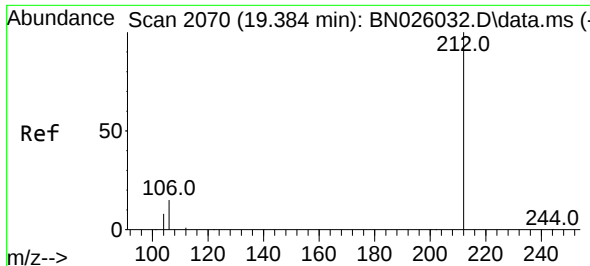
Tgt Ion:188 Resp: 5686
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.2 8.6 13.0#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.062 ng
RT: 16.239 min Scan# 1741
Delta R.T. 0.087 min
Lab File: BN026751.D
Acq: 25 Jul 2023 18:07

Tgt Ion:198 Resp: 3
Ion Ratio Lower Upper
198 100
51 200.0 85.8 128.8#
105 171.4 48.2 72.2#

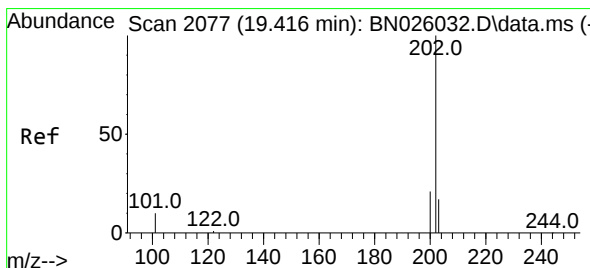
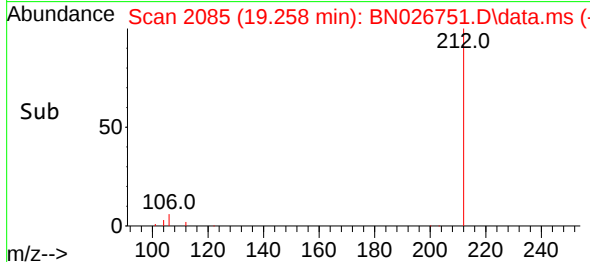
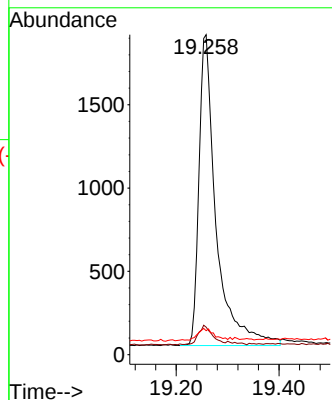
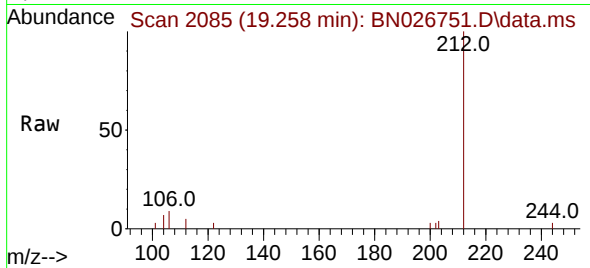




#27
Fluoranthene-d10
Concen: 0.360 ng
RT: 19.258 min Scan# 2085
Delta R.T. 0.009 min
Lab File: BN026751.D
Acq: 25 Jul 2023 18:07

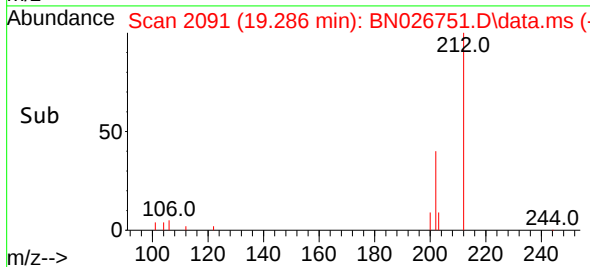
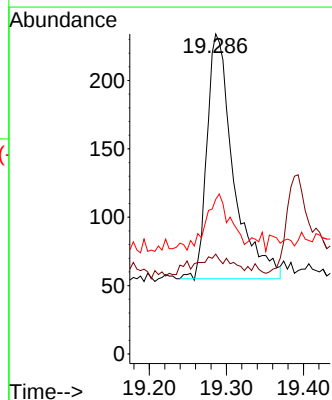
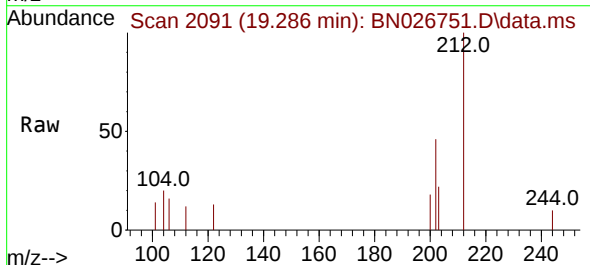
Instrument :
BNA_N
ClientSampleId :
EB-01-072023

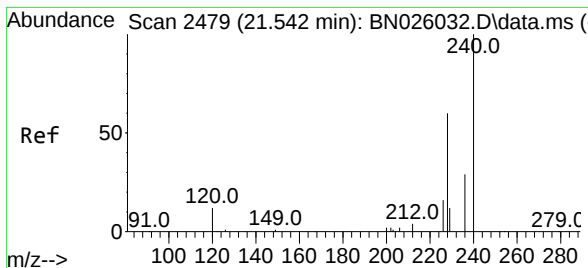
Tgt Ion:212 Resp: 4343
Ion Ratio Lower Upper
212 100
106 4.9 11.6 17.4#
104 3.5 7.2 10.8#



#28
Fluoranthene
Concen: 0.024 ng
RT: 19.286 min Scan# 2091
Delta R.T. 0.005 min
Lab File: BN026751.D
Acq: 25 Jul 2023 18:07

Tgt Ion:202 Resp: 426
Ion Ratio Lower Upper
202 100
101 1.9 8.3 12.5#
203 20.7 13.5 20.3#





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.426 min Scan# 21

Delta R.T. 0.018 min

Lab File: BN026751.D

Acq: 25 Jul 2023 18:07

Instrument :

BNA_N

ClientSampleId :

EB-01-072023

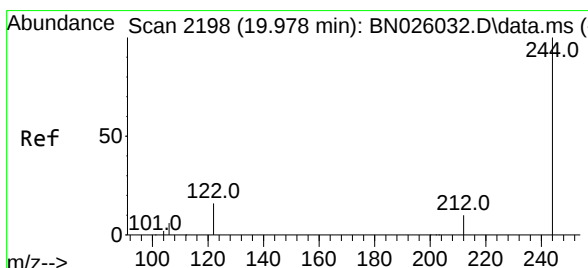
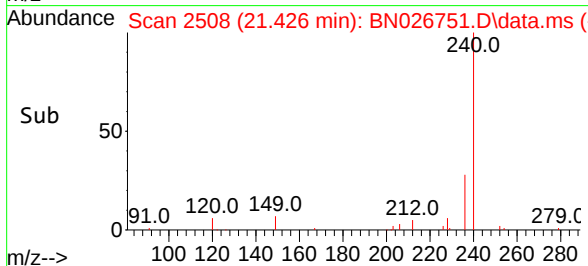
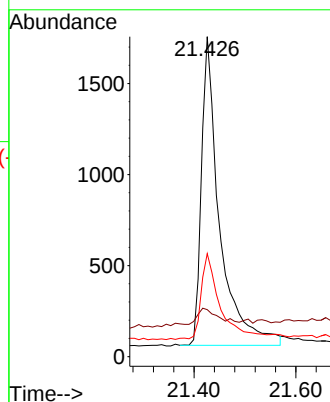
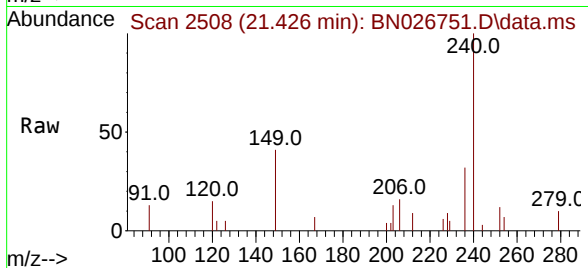
Tgt Ion:240 Resp: 4196

Ion Ratio Lower Upper

240 100

120 14.7 14.6 22.0

236 32.2 24.2 36.2



#31

Terphenyl-d14

Concen: 0.425 ng

RT: 19.844 min Scan# 2211

Delta R.T. -0.005 min

Lab File: BN026751.D

Acq: 25 Jul 2023 18:07

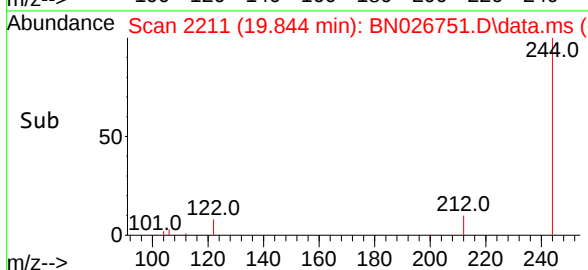
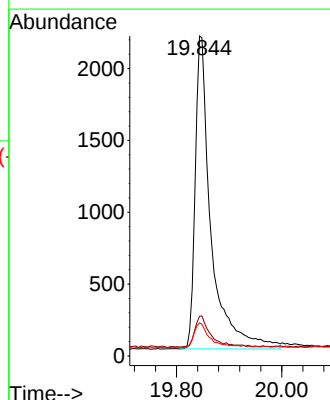
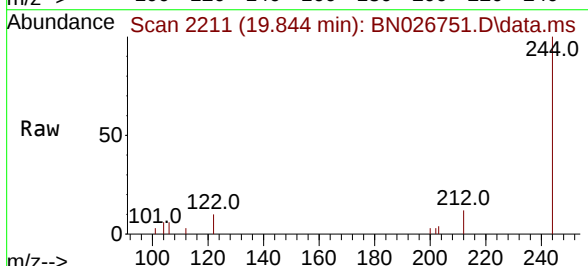
Tgt Ion:244 Resp: 4565

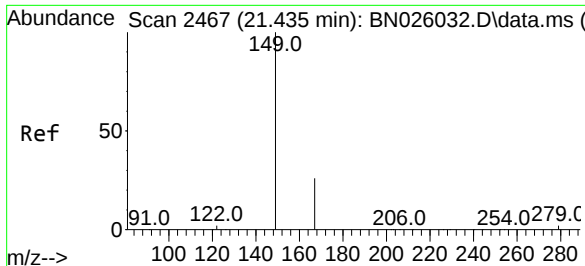
Ion Ratio Lower Upper

244 100

212 12.4 8.7 13.1

122 10.3 13.7 20.5#

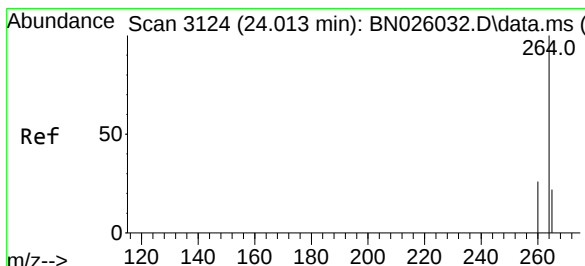
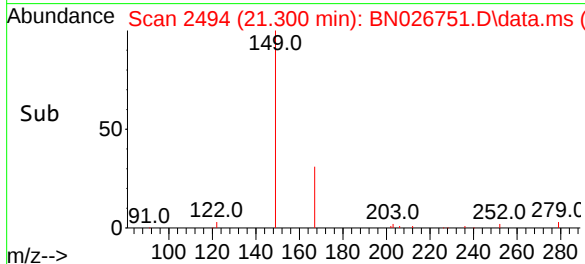
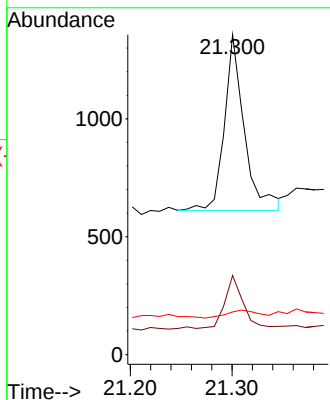
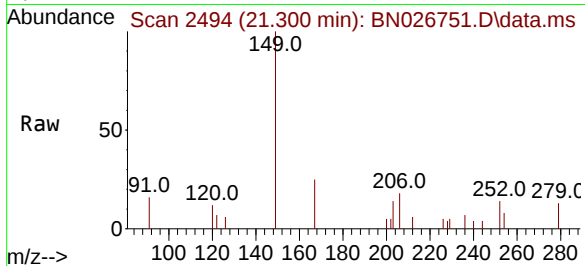




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.075 ng
 RT: 21.300 min Scan# 2467
 Delta R.T. 0.000 min
 Lab File: BN026751.D
 Acq: 25 Jul 2023 18:07

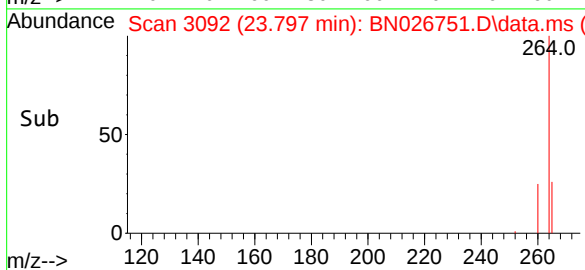
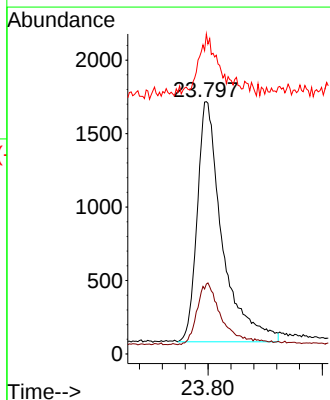
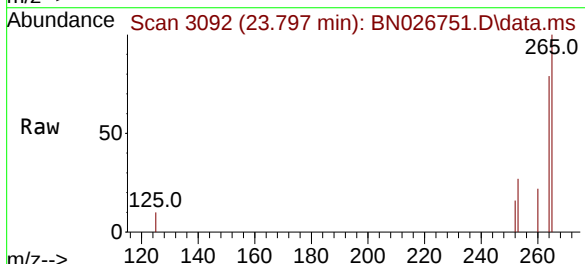
Instrument :
 BNA_N
 ClientSampleId :
 EB-01-072023

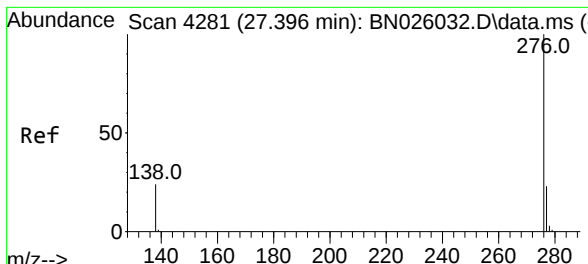
Tgt Ion:149 Resp: 1010
 Ion Ratio Lower Upper
 149 100
 167 27.6 20.2 30.4
 279 7.2 2.4 3.6#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.797 min Scan# 3092
 Delta R.T. 0.015 min
 Lab File: BN026751.D
 Acq: 25 Jul 2023 18:07

Tgt Ion:264 Resp: 4969
 Ion Ratio Lower Upper
 264 100
 260 27.7 21.9 32.9
 265 126.8 80.3 120.5#





#41

Benzo(g,h,i)perylene

Concen: 0.028 ng

RT: 27.025 min Scan# 41

Delta R.T. 0.032 min

Lab File: BN026751.D

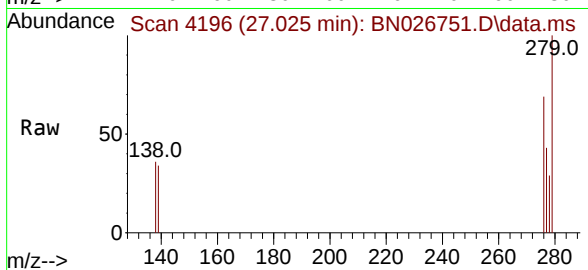
Acq: 25 Jul 2023 18:07

Instrument :

BNA_N

ClientSampleId :

EB-01-072023



Tgt Ion:276 Resp: 522

Ion Ratio Lower Upper

276 100

277 62.5 20.3 30.5#

138 52.6 21.5 32.3#

