

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082523\
 Data File : BN027146.D
 Acq On : 26 Aug 2023 09:15
 Operator : MA/JU
 Sample : 04025-11
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT158S1-20230815

Quant Time: Aug 26 22:32:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 26 02:13:59 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

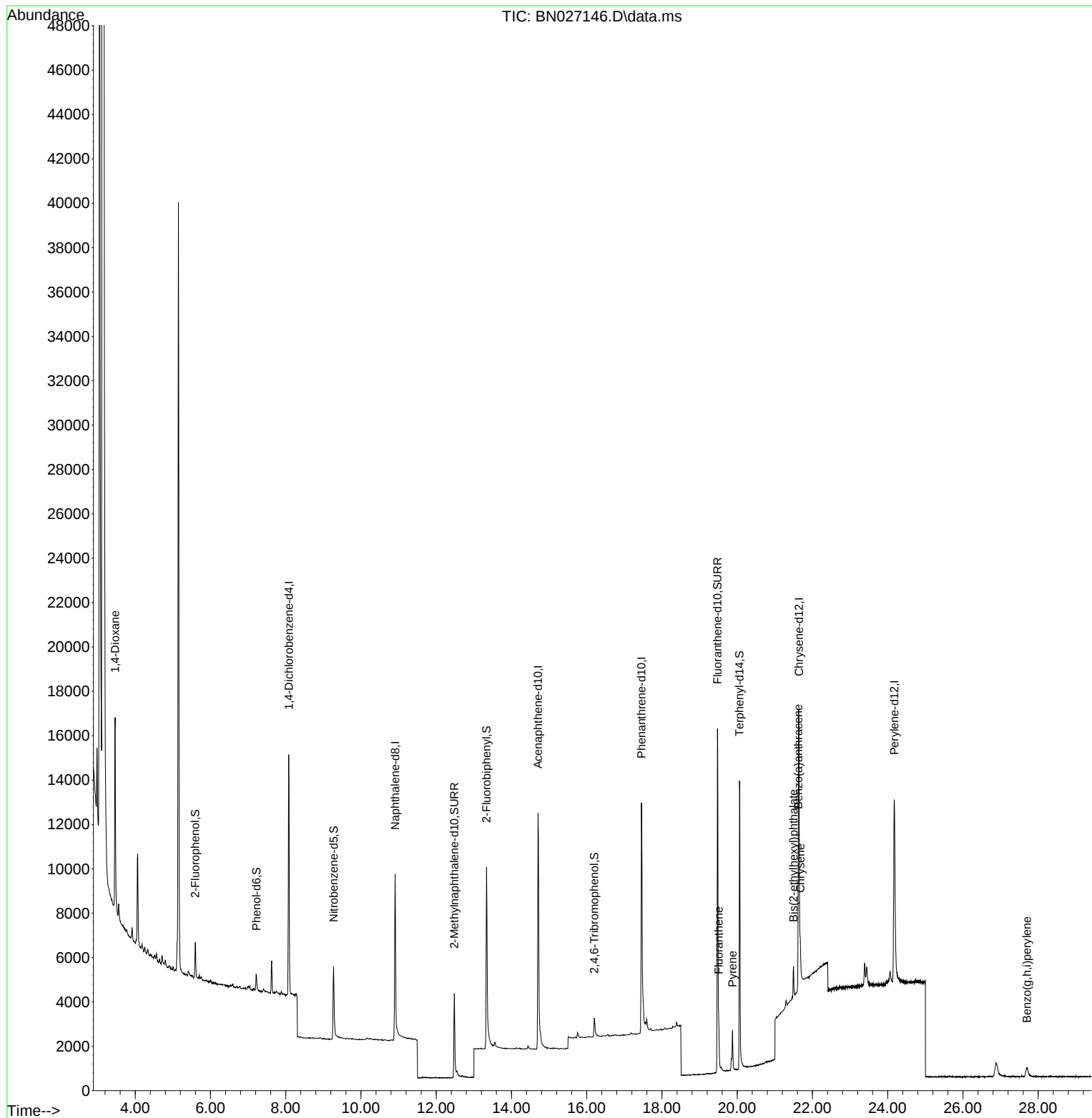
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	5478	0.400	ng	0.00
7) Naphthalene-d8	10.906	136	11946	0.400	ng	# 0.00
13) Acenaphthene-d10	14.705	164	8190	0.400	ng	0.00
19) Phenanthrene-d10	17.455	188	18950	0.400	ng	# 0.00
29) Chrysene-d12	21.641	240	15786	0.400	ng	0.00
35) Perylene-d12	24.174	264	15624	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.596	112	1315	0.085	ng	0.00
5) Phenol-d6	7.221	99	853	0.045	ng	0.00
8) Nitrobenzene-d5	9.273	82	3212	0.318	ng	0.00
11) 2-Methylnaphthalene-d10	12.479	152	6502	0.342	ng	0.00
14) 2,4,6-Tribromophenol	16.202	330	663	0.152	ng	0.00
15) 2-Fluorobiphenyl	13.336	172	9443	0.311	ng	0.00
27) Fluoranthene-d10	19.477	212	18992	0.391	ng	0.00
31) Terphenyl-d14	20.062	244	14864	0.451	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.466	88	6485	1.101	ng	# 93
28) Fluoranthene	19.509	202	1748	0.027	ng	# 92
30) Pyrene	19.876	202	1743	0.029	ng	# 99
32) Benzo(a)anthracene	21.623	228	1332	0.023	ng	# 88
33) Chrysene	21.677	228	1593	0.028	ng	# 91
34) Bis(2-ethylhexyl)phtha...	21.497	149	1847	0.045	ng	# 90
41) Benzo(g,h,i)perylene	27.697	276	1300	0.024	ng	# 46

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

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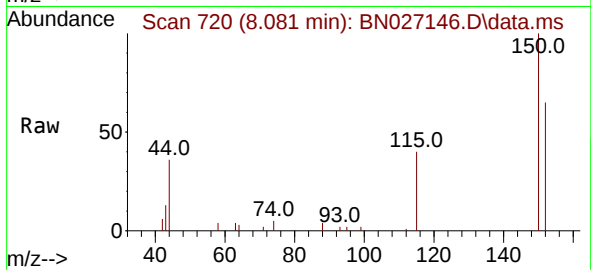
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 26 02:13:59 2023
Response via : Initial Calibration



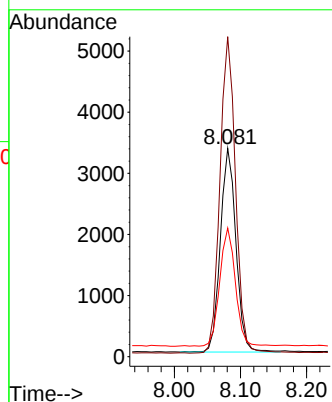
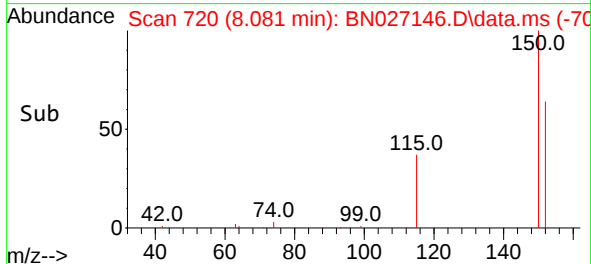


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.081 min Scan# 71
 Delta R.T. -0.007 min
 Lab File: BN027146.D
 Acq: 26 Aug 2023 09:15

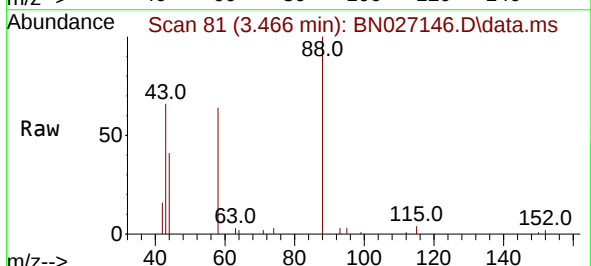
Instrument :
 BNA_N
 ClientSampleId :
 TT158S1-20230815



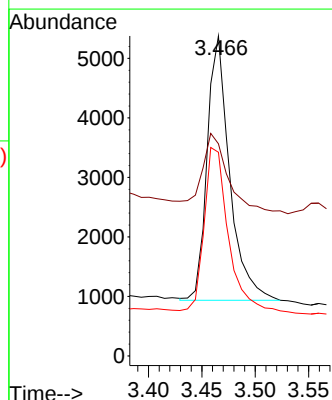
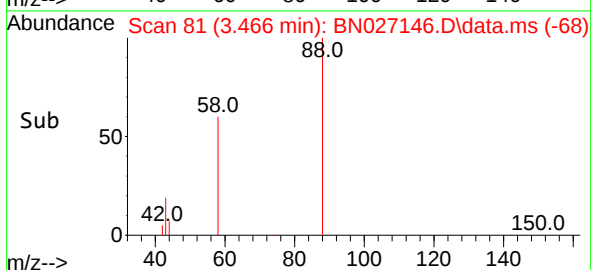
Tgt Ion:152 Resp: 5478
 Ion Ratio Lower Upper
 152 100
 150 153.6 123.8 185.6
 115 61.7 49.7 74.5



#2
 1,4-Dioxane
 Concen: 1.101 ng
 RT: 3.466 min Scan# 81
 Delta R.T. -0.007 min
 Lab File: BN027146.D
 Acq: 26 Aug 2023 09:15



Tgt Ion: 88 Resp: 6485
 Ion Ratio Lower Upper
 88 100
 43 33.1 19.2 28.8#
 58 65.4 54.5 81.7

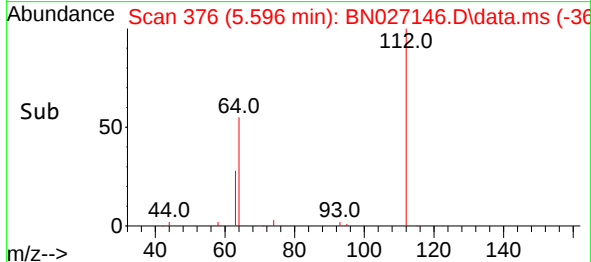
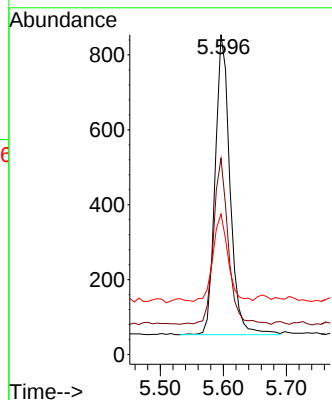
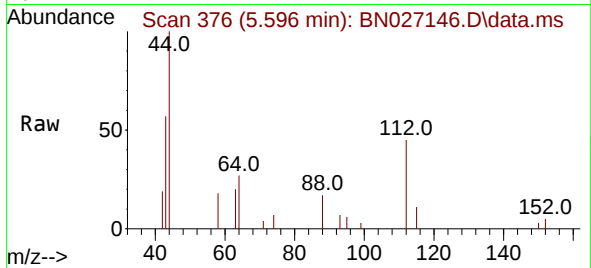




#4
2-Fluorophenol
Concen: 0.085 ng
RT: 5.596 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN027146.D
Acq: 26 Aug 2023 09:15

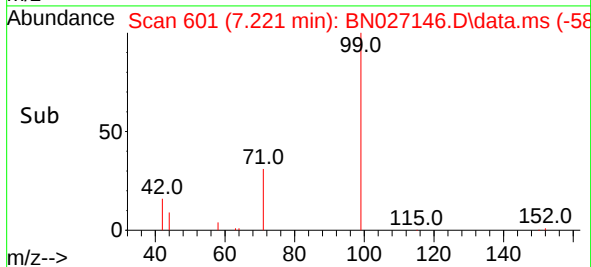
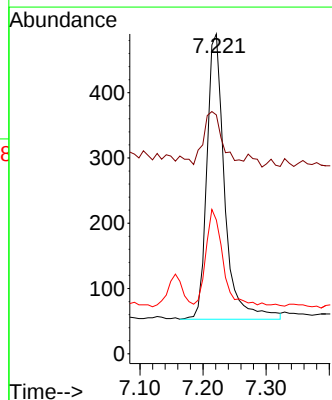
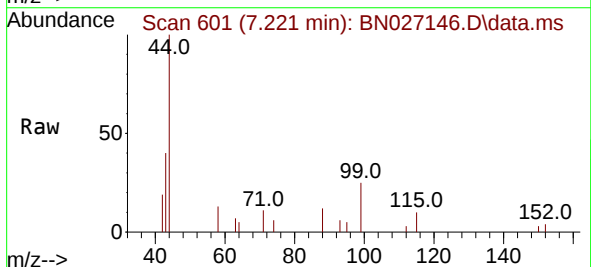
Instrument :
BNA_N
ClientSampleId :
TT158S1-20230815

Tgt Ion:112 Resp: 1315
Ion Ratio Lower Upper
112 100
64 54.5 41.5 62.3
63 29.4 21.7 32.5



#5
Phenol-d6
Concen: 0.045 ng
RT: 7.221 min Scan# 601
Delta R.T. 0.000 min
Lab File: BN027146.D
Acq: 26 Aug 2023 09:15

Tgt Ion: 99 Resp: 853
Ion Ratio Lower Upper
99 100
42 19.3 13.6 20.4
71 32.7 26.0 39.0

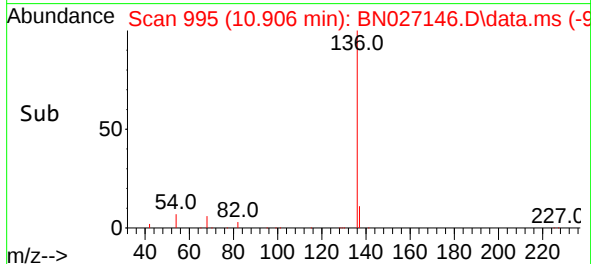
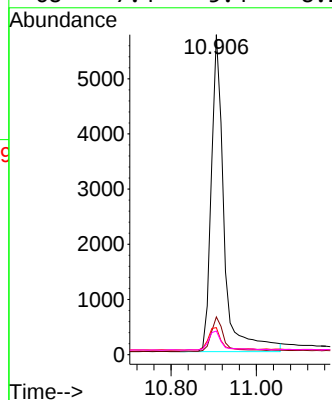
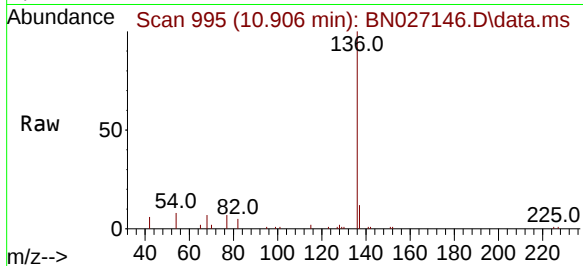




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.906 min Scan# 998
Delta R.T. 0.000 min
Lab File: BN027146.D
Acq: 26 Aug 2023 09:15

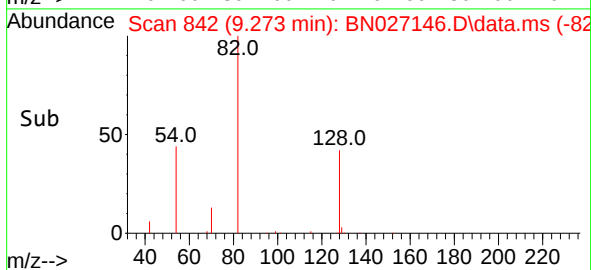
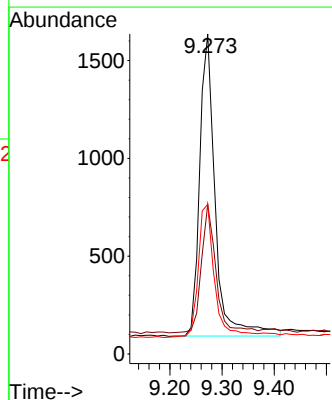
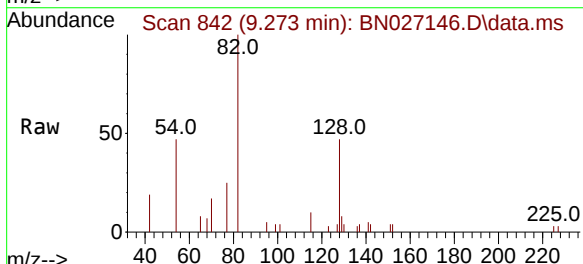
Instrument :
BNA_N
ClientSampleId :
TT158S1-20230815

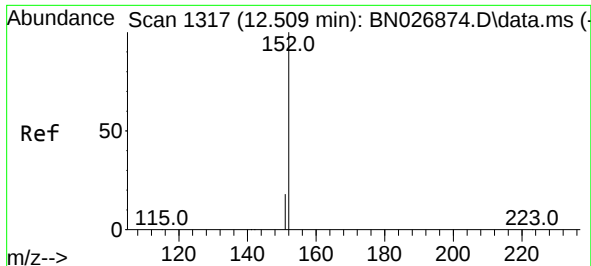
Tgt Ion:	136	Resp:	11946
Ion Ratio	Lower	Upper	
136	100		
137	11.8	9.0	13.6
54	8.4	5.5	8.3
68	7.4	5.4	8.2



#8
Nitrobenzene-d5
Concen: 0.318 ng
RT: 9.273 min Scan# 842
Delta R.T. 0.000 min
Lab File: BN027146.D
Acq: 26 Aug 2023 09:15

Tgt Ion:	82	Resp:	3212
Ion Ratio	Lower	Upper	
82	100		
128	46.8	34.1	51.1
54	46.8	37.0	55.4

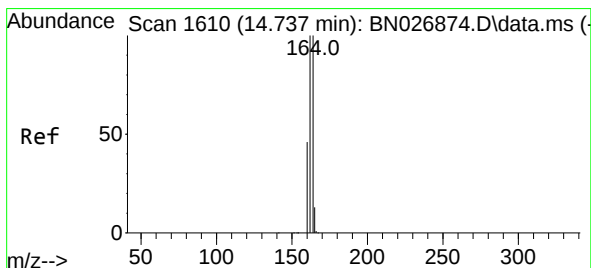
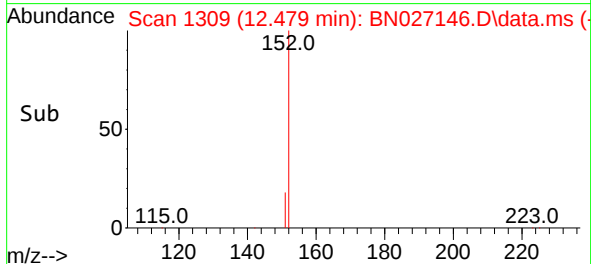
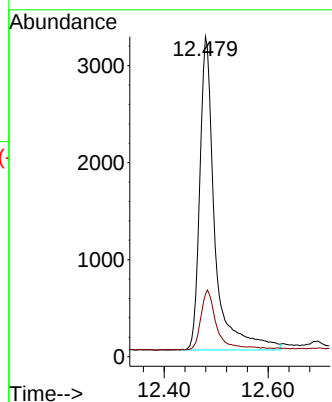
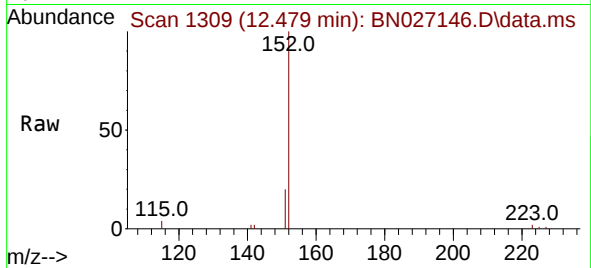




#11
2-Methylnaphthalene-d10
Concen: 0.342 ng
RT: 12.479 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN027146.D
Acq: 26 Aug 2023 09:15

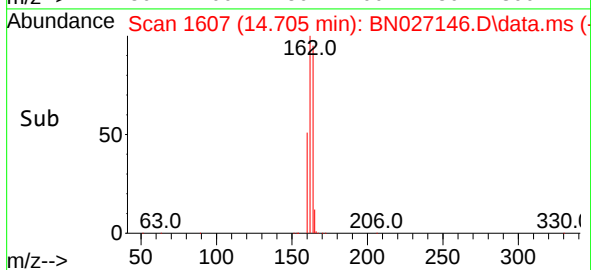
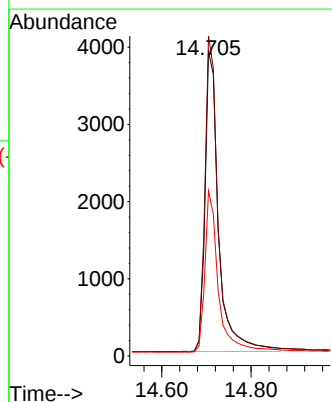
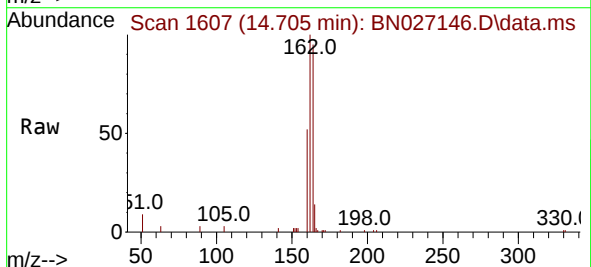
Instrument :
BNA_N
ClientSampleId :
TT158S1-20230815

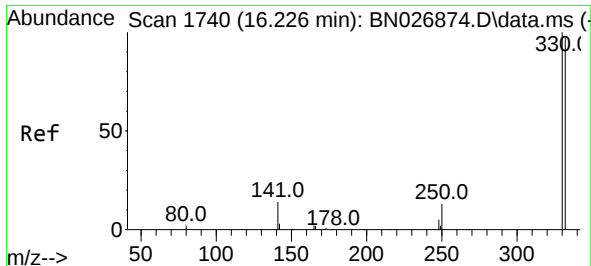
Tgt Ion:152 Resp: 6502
Ion Ratio Lower Upper
152 100
151 19.2 16.3 24.5



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.705 min Scan# 1607
Delta R.T. 0.000 min
Lab File: BN027146.D
Acq: 26 Aug 2023 09:15

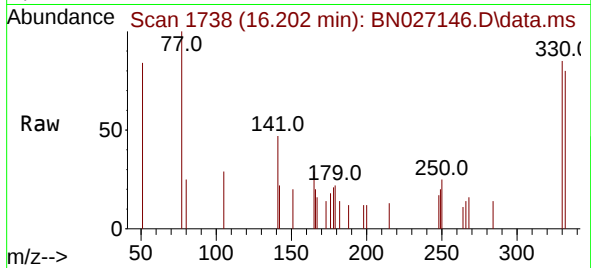
Tgt Ion:164 Resp: 8190
Ion Ratio Lower Upper
164 100
162 105.1 79.7 119.5
160 54.2 37.4 56.0



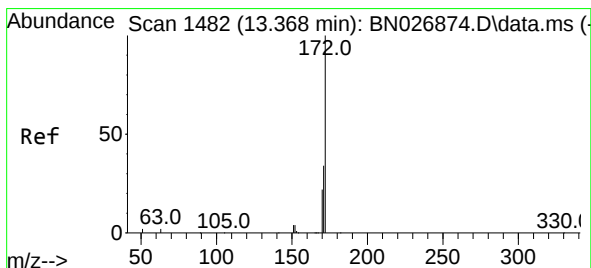
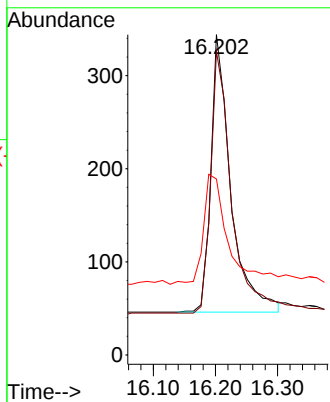
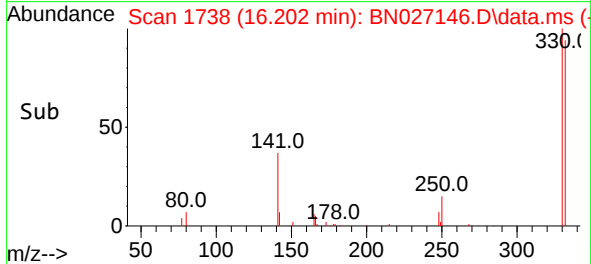


#14
2,4,6-Tribromophenol
Concen: 0.152 ng
RT: 16.202 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN027146.D
Acq: 26 Aug 2023 09:15

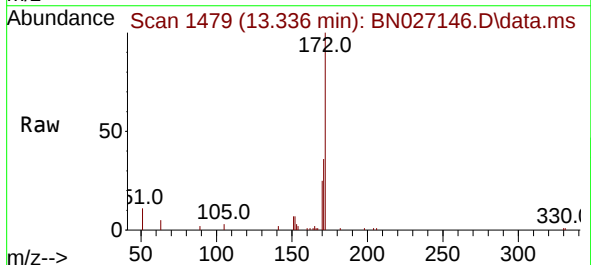
Instrument :
BNA_N
ClientSampleId :
TT158S1-20230815



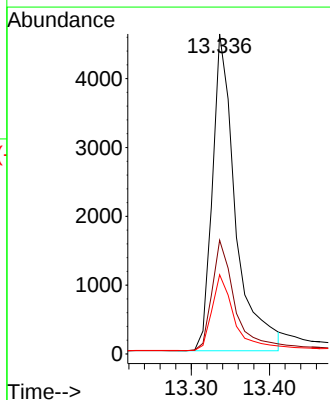
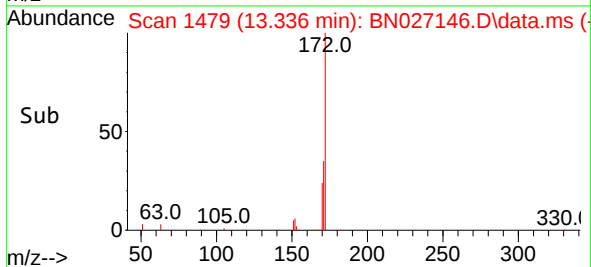
Tgt Ion:330 Resp: 663
Ion Ratio Lower Upper
330 100
332 98.3 76.6 114.8
141 49.5 32.3 48.5#

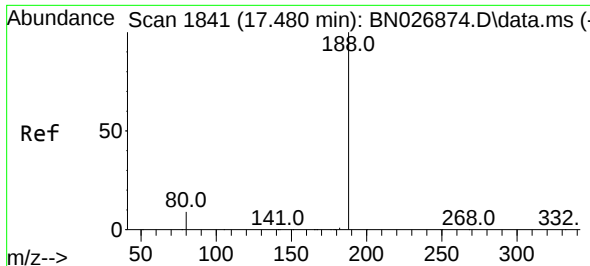


#15
2-Fluorobiphenyl
Concen: 0.311 ng
RT: 13.336 min Scan# 1479
Delta R.T. 0.000 min
Lab File: BN027146.D
Acq: 26 Aug 2023 09:15



Tgt Ion:172 Resp: 9443
Ion Ratio Lower Upper
172 100
171 35.6 27.4 41.0
170 24.8 18.0 27.0

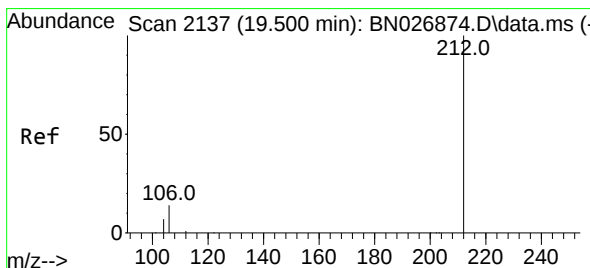
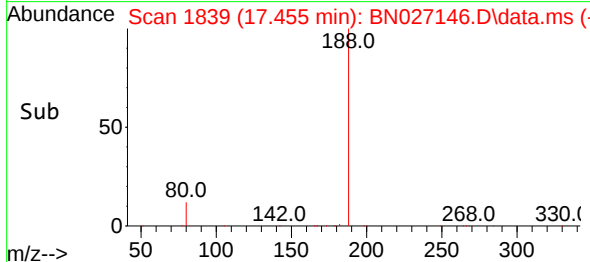
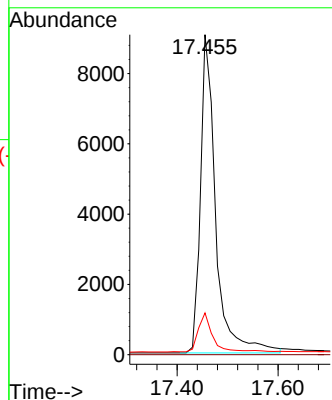
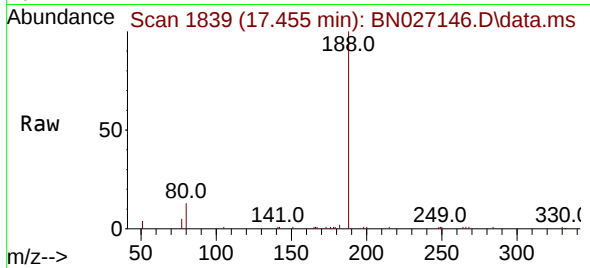




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.455 min Scan# 1839
Delta R.T. 0.000 min
Lab File: BN027146.D
Acq: 26 Aug 2023 09:15

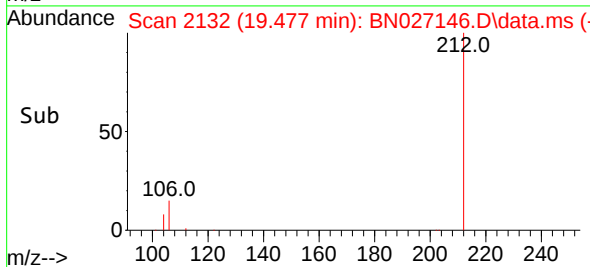
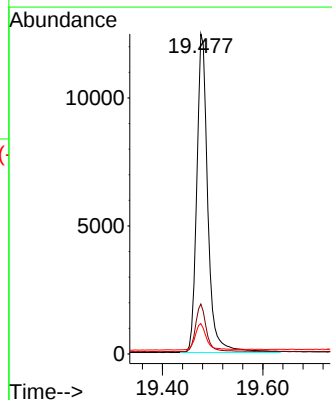
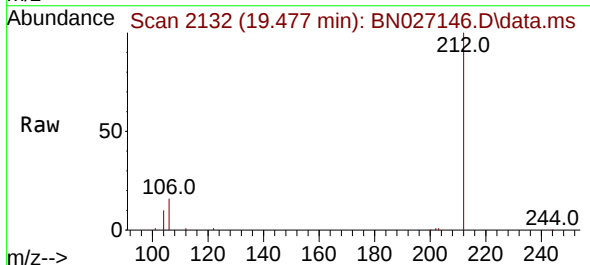
Instrument :
BNA_N
ClientSampleId :
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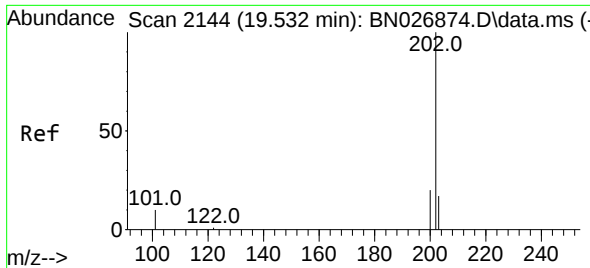
Tgt Ion:188 Resp: 18950
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.0 7.4 11.2#



#27
Fluoranthene-d10
Concen: 0.391 ng
RT: 19.477 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BN027146.D
Acq: 26 Aug 2023 09:15

Tgt Ion:212 Resp: 18992
Ion Ratio Lower Upper
212 100
106 14.8 10.9 16.3
104 8.5 5.9 8.9

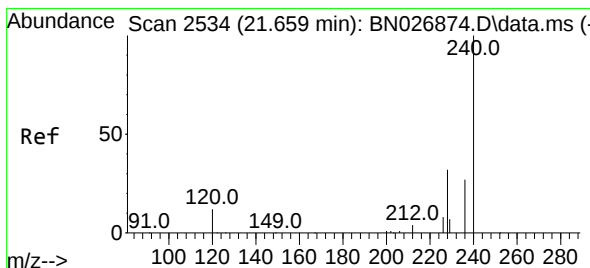
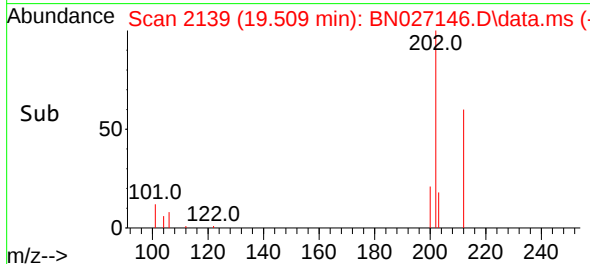
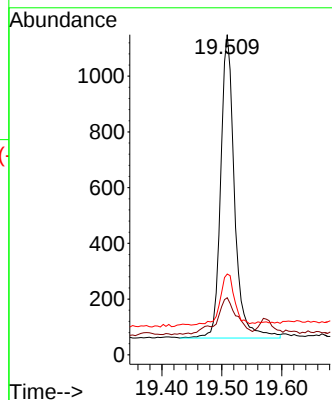
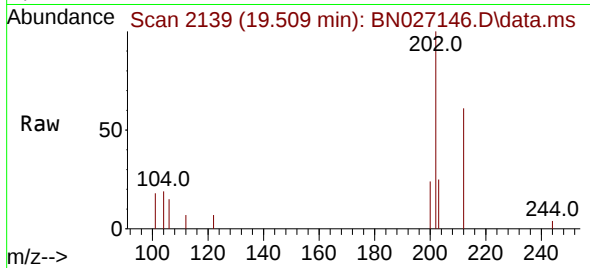




#28
Fluoranthene
Concen: 0.027 ng
RT: 19.509 min Scan# 2144
Delta R.T. 0.000 min
Lab File: BN027146.D
Acq: 26 Aug 2023 09:15

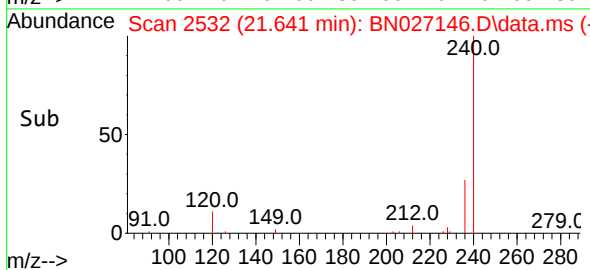
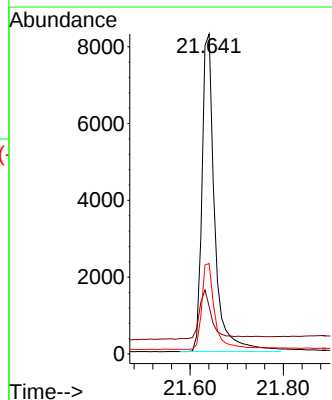
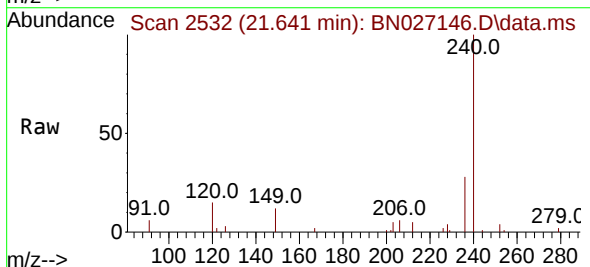
Instrument :
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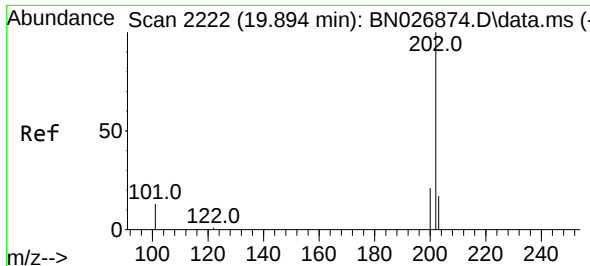
Tgt Ion:202 Resp: 1748
Ion Ratio Lower Upper
202 100
101 18.2 8.9 13.3#
203 17.8 13.7 20.5



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.641 min Scan# 2532
Delta R.T. 0.009 min
Lab File: BN027146.D
Acq: 26 Aug 2023 09:15

Tgt Ion:240 Resp: 15786
Ion Ratio Lower Upper
240 100
120 14.9 11.1 16.7
236 28.2 22.2 33.2

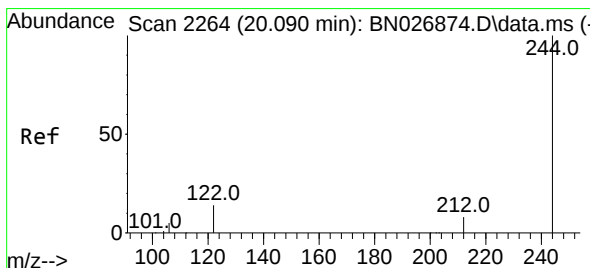
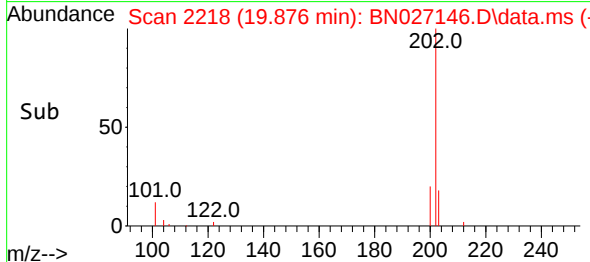
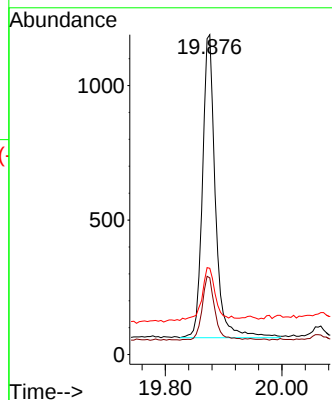
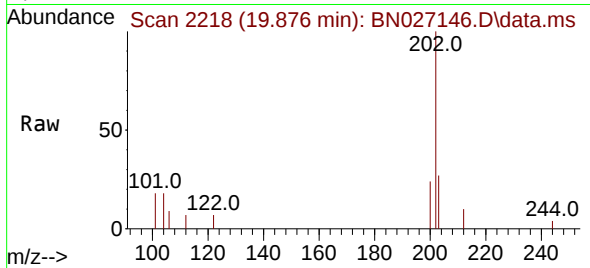




#30
Pyrene
Concen: 0.029 ng
RT: 19.876 min Scan# 21
Delta R.T. 0.005 min
Lab File: BN027146.D
Acq: 26 Aug 2023 09:15

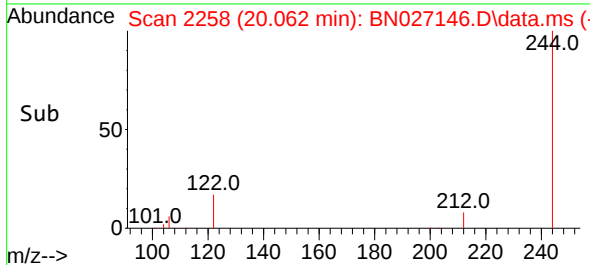
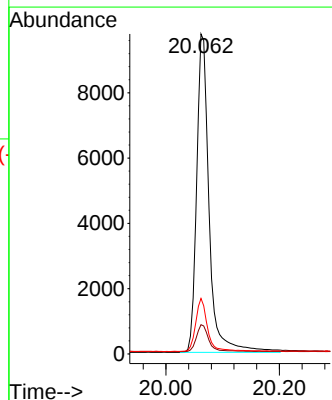
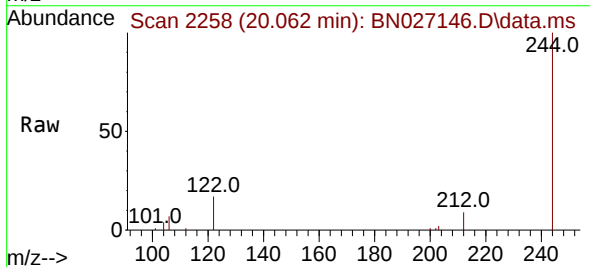
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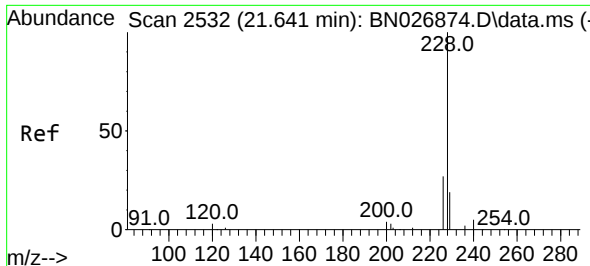
Tgt Ion:202 Resp: 1743
Ion Ratio Lower Upper
202 100
200 20.5 16.6 25.0
203 18.6 14.4 21.6



#31
Terphenyl-d14
Concen: 0.451 ng
RT: 20.062 min Scan# 2258
Delta R.T. 0.000 min
Lab File: BN027146.D
Acq: 26 Aug 2023 09:15

Tgt Ion:244 Resp: 14864
Ion Ratio Lower Upper
244 100
212 9.1 6.9 10.3
122 17.4 11.9 17.9

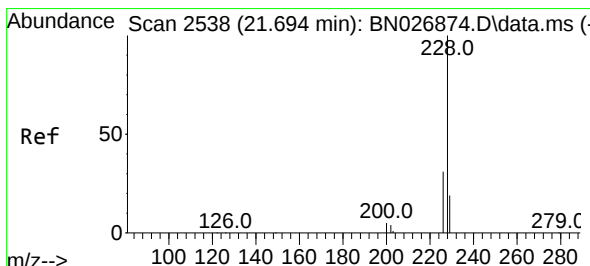
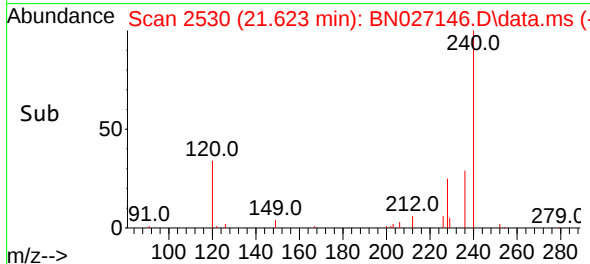
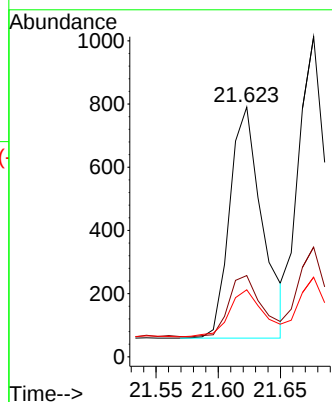
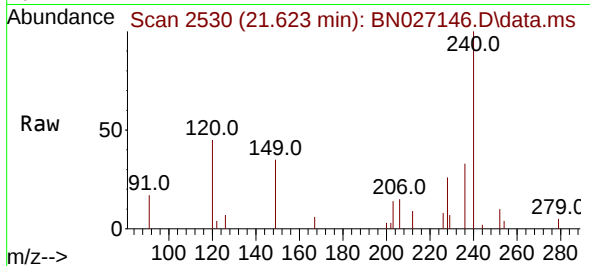




#32
Benzo(a)anthracene
Concen: 0.023 ng
RT: 21.623 min Scan# 2153
Delta R.T. 0.009 min
Lab File: BN027146.D
Acq: 26 Aug 2023 09:15

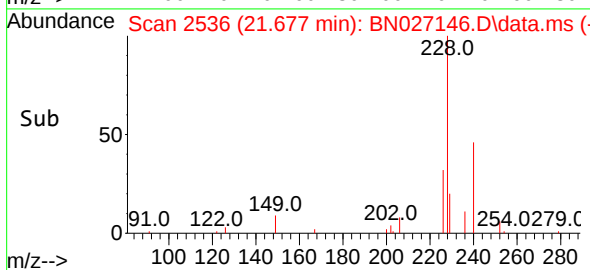
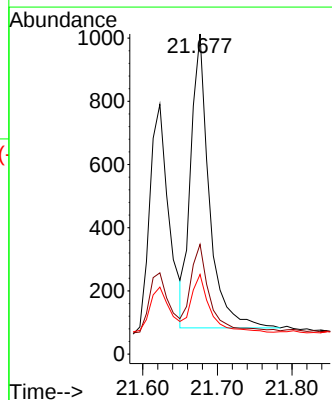
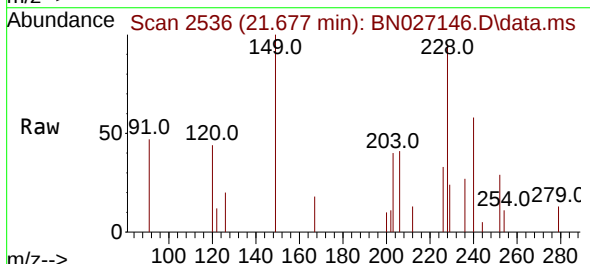
Instrument :
BNA_N
ClientSampleId :
TT158S1-20230815

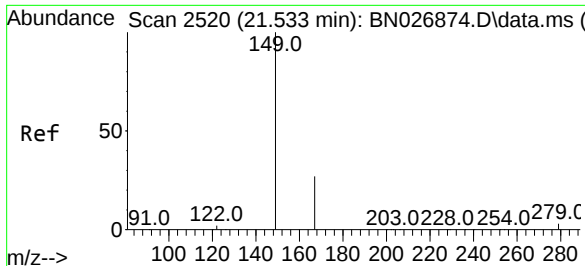
Tgt Ion:228 Resp: 1332
Ion Ratio Lower Upper
228 100
226 32.5 22.1 33.1
229 26.8 15.5 23.3#



#33
Chrysene
Concen: 0.028 ng
RT: 21.677 min Scan# 2536
Delta R.T. 0.009 min
Lab File: BN027146.D
Acq: 26 Aug 2023 09:15

Tgt Ion:228 Resp: 1593
Ion Ratio Lower Upper
228 100
226 34.3 24.6 37.0
229 24.9 15.5 23.3#

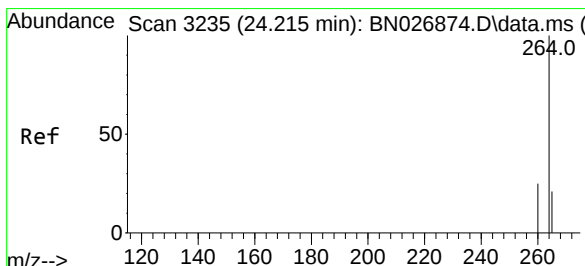
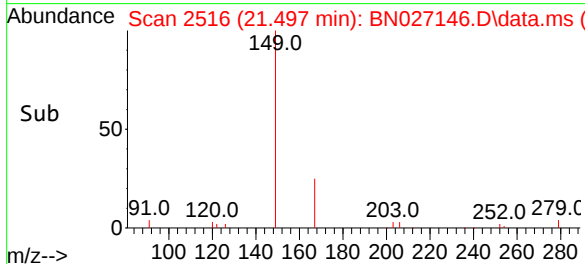
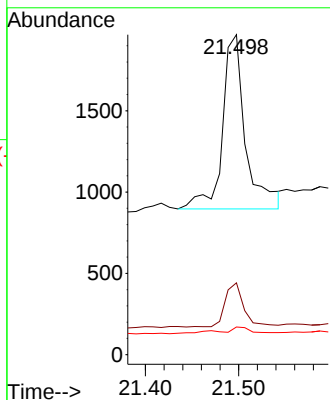
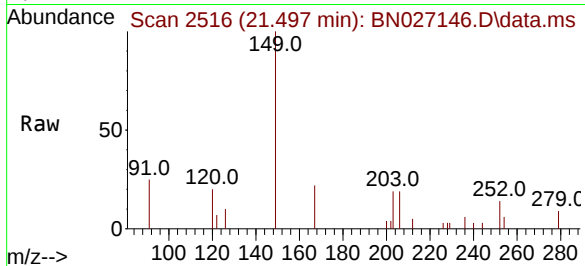




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.045 ng
 RT: 21.497 min Scan# 2149
 Delta R.T. 0.000 min
 Lab File: BN027146.D
 Acq: 26 Aug 2023 09:15

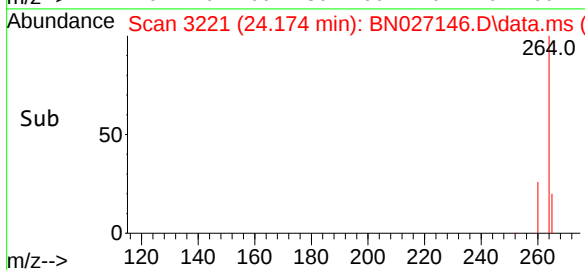
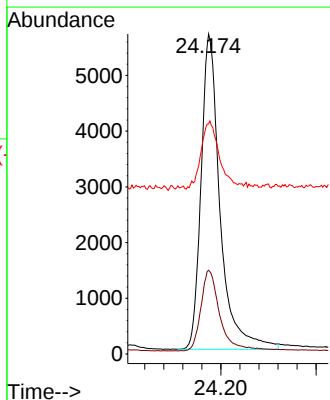
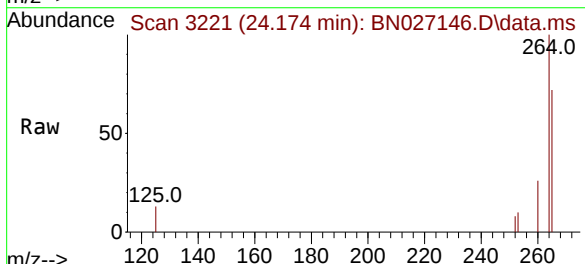
Instrument :
 BNA_N
 ClientSampleId :
 TT158S1-20230815

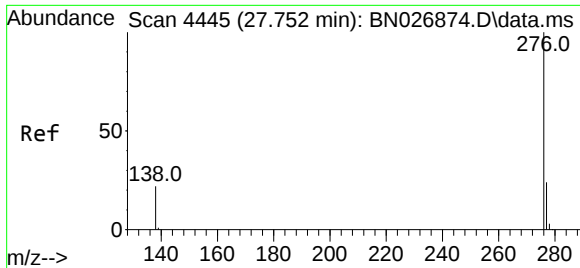
Tgt Ion:149 Resp: 1847
 Ion Ratio Lower Upper
 149 100
 167 20.8 21.4 32.0#
 279 5.0 3.6 5.4



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.174 min Scan# 3221
 Delta R.T. 0.003 min
 Lab File: BN027146.D
 Acq: 26 Aug 2023 09:15

Tgt Ion:264 Resp: 15624
 Ion Ratio Lower Upper
 264 100
 260 26.2 20.4 30.6
 265 71.9 27.0 40.6#





#41

Benzo(g,h,i)perylene

Concen: 0.024 ng

RT: 27.697 min Scan# 44

Delta R.T. 0.009 min

Lab File: BN027146.D

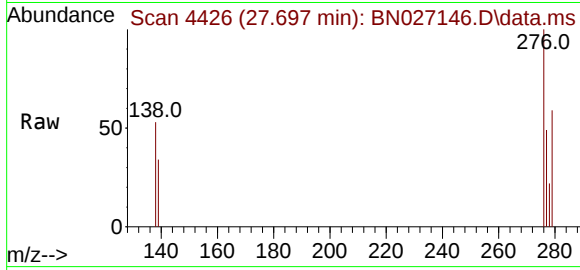
Acq: 26 Aug 2023 09:15

Instrument :

BNA_N

ClientSampleId :

TT158S1-20230815



Tgt Ion:276 Resp: 1300

Ion Ratio Lower Upper

276 100

277 49.2 19.8 29.8#

138 52.6 19.0 28.4#

