

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081622\
 Data File : BN021266.D
 Acq On : 16 Aug 2022 22:51
 Operator : CG/JU
 Sample : PB146962BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB146962BL

Quant Time: Aug 17 05:15:51 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN081622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 16 09:19:59 2022
 Response via : Initial Calibration

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

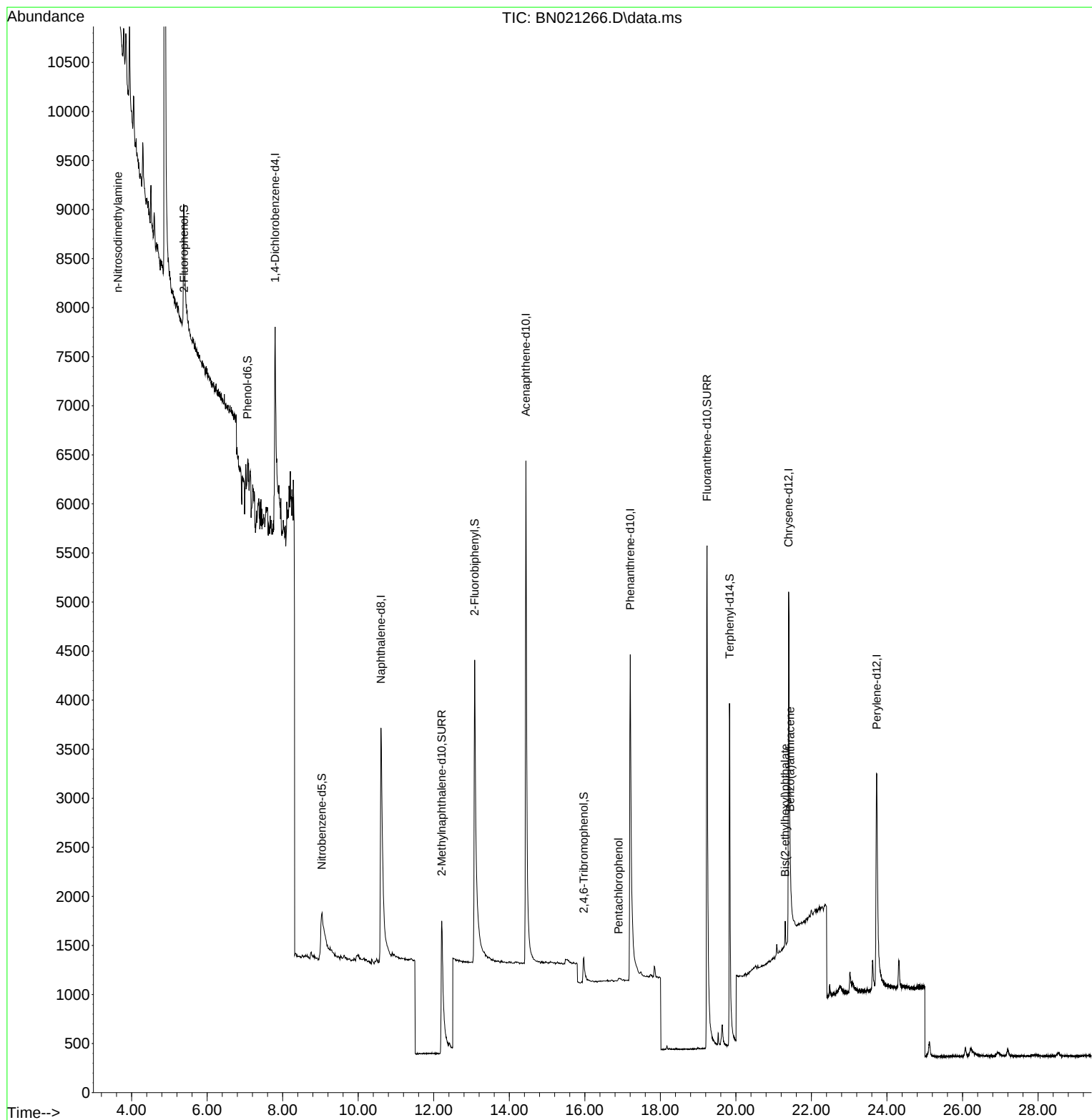
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	2368	0.400	ng	0.01
7) Naphthalene-d8	10.603	136	7411	0.400	ng	# 0.02
13) Acenaphthene-d10	14.439	164	4733	0.400	ng	0.01
19) Phenanthrene-d10	17.203	188	8727	0.400	ng	0.02
29) Chrysene-d12	21.395	240	5927	0.400	ng	# 0.00
35) Perylene-d12	23.729	264	4849	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.386	112	2087	0.353	ng	0.00
5) Phenol-d6	7.068	99	1150	0.167	ng	0.09
8) Nitrobenzene-d5	9.033	82	1176	0.302	ng	0.08
11) 2-Methylnaphthalene-d10	12.210	152	4674	0.362	ng	0.03
14) 2,4,6-Tribromophenol	15.972	330	257	0.166	ng	0.03
15) 2-Fluorobiphenyl	13.082	172	5035	0.267	ng	0.02
27) Fluoranthene-d10	19.235	212	9287	0.392	ng	0.00
31) Terphenyl-d14	19.830	244	5994	0.371	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.638	42	9	0.217	ng	# 1
24) Pentachlorophenol	16.895	266	32	0.024	ng	# 60
32) Benzo(a)anthracene	21.440	228	429	0.022	ng	# 44
34) Bis(2-ethylhexyl)phtha...	21.305	149	304	0.023	ng	# 95

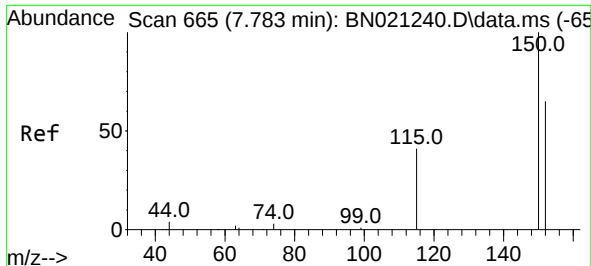
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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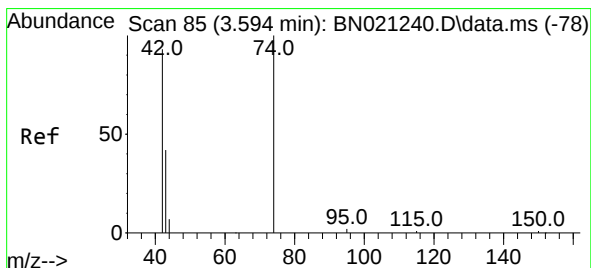
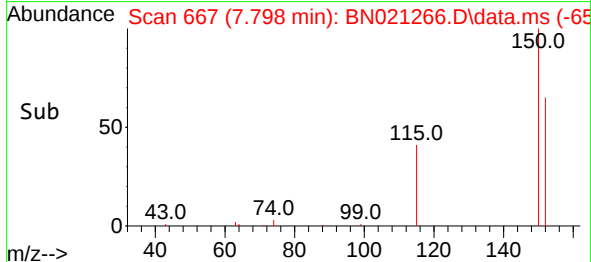
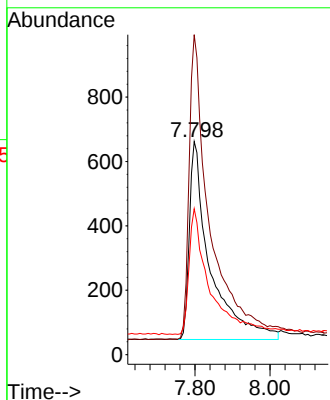
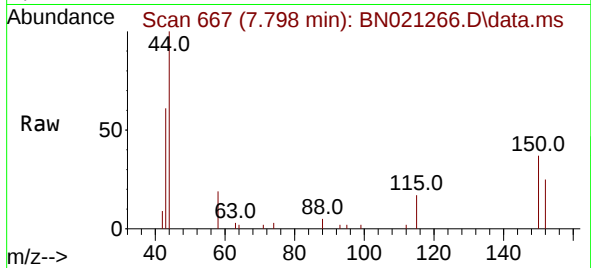




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.798 min Scan# 60
Delta R.T. 0.015 min
Lab File: BN021266.D
Acq: 16 Aug 2022 22:51

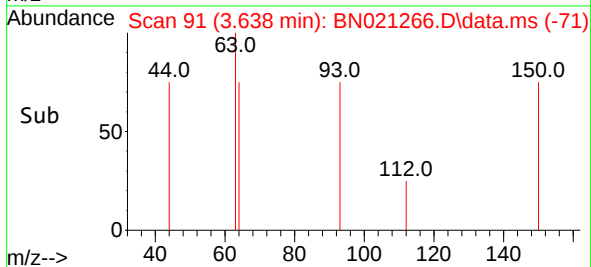
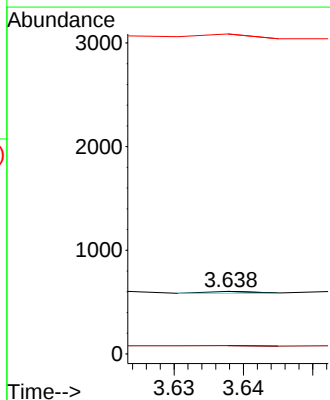
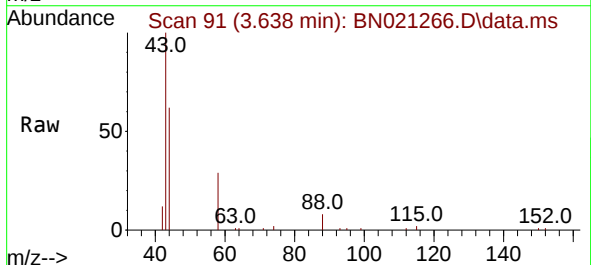
Instrument :
BNA_N
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PB146962BL

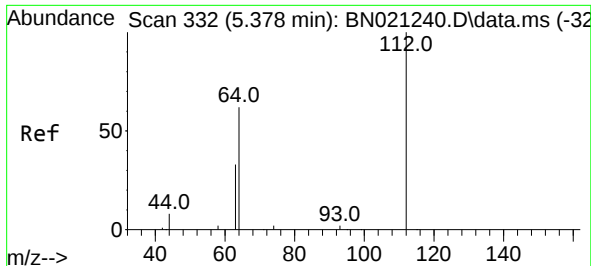
Tgt Ion:152 Resp: 2368
Ion Ratio Lower Upper
152 100
150 150.2 123.1 184.7
115 68.4 52.2 78.4



#3
n-Nitrosodimethylamine
Concen: 0.217 ng
RT: 3.638 min Scan# 91
Delta R.T. 0.044 min
Lab File: BN021266.D
Acq: 16 Aug 2022 22:51

Tgt Ion: 42 Resp: 9
Ion Ratio Lower Upper
42 100
74 0.0 82.4 123.6#
44 622.2 2.7 4.1#

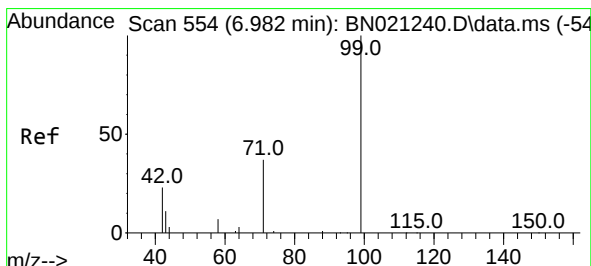
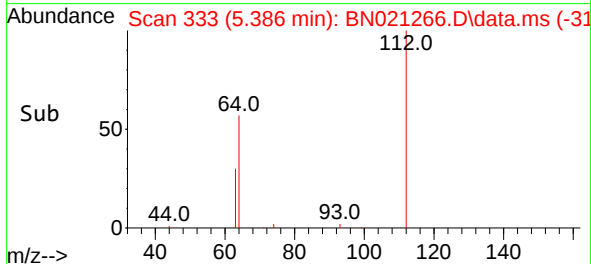
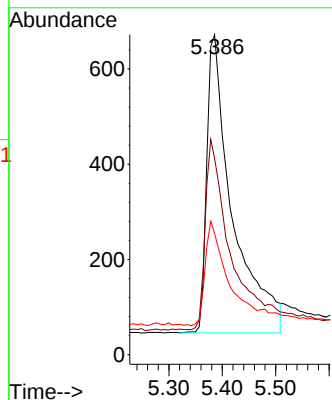
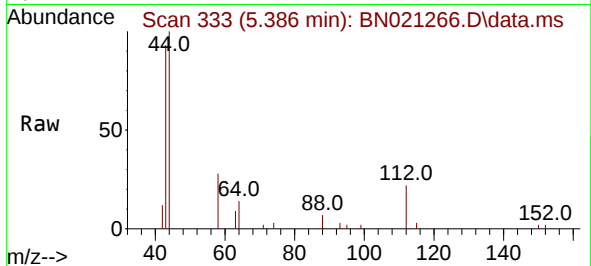




#4
2-Fluorophenol
Concen: 0.353 ng
RT: 5.386 min Scan# 311
Delta R.T. 0.007 min
Lab File: BN021266.D
Acq: 16 Aug 2022 22:51

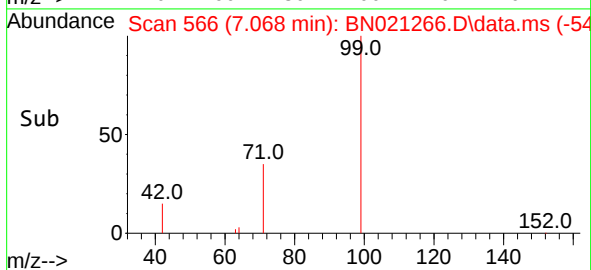
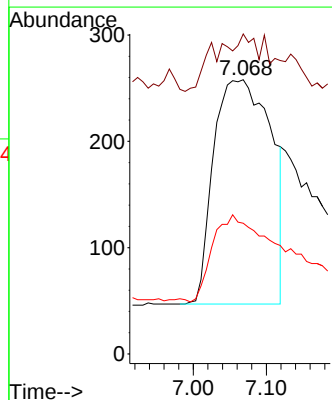
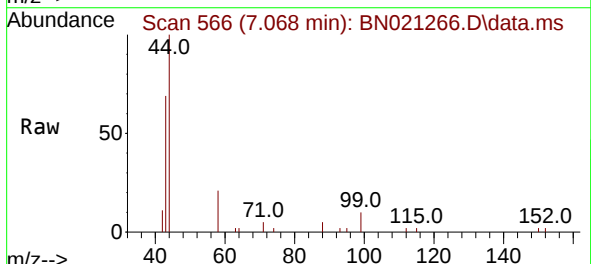
Instrument :
BNA_N
ClientSampleId :
PB146962BL

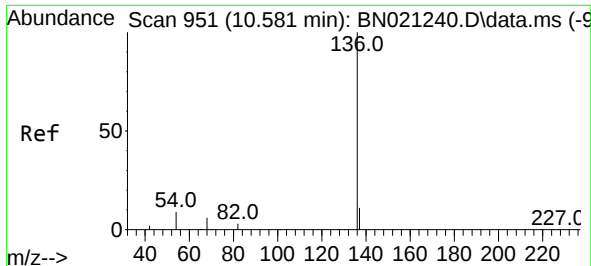
Tgt Ion:112 Resp: 2087
Ion Ratio Lower Upper
112 100
64 63.7 52.0 78.0
63 34.8 27.5 41.3



#5
Phenol-d6
Concen: 0.167 ng
RT: 7.068 min Scan# 566
Delta R.T. 0.087 min
Lab File: BN021266.D
Acq: 16 Aug 2022 22:51

Tgt Ion: 99 Resp: 1150
Ion Ratio Lower Upper
99 100
42 5.5 19.1 28.7#
71 36.6 28.9 43.3

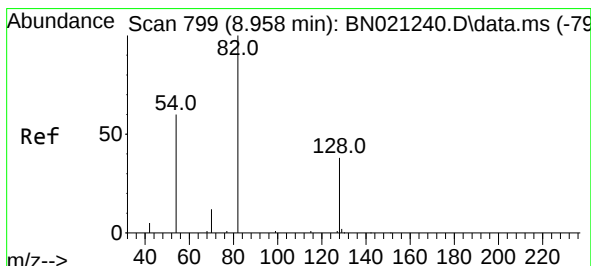
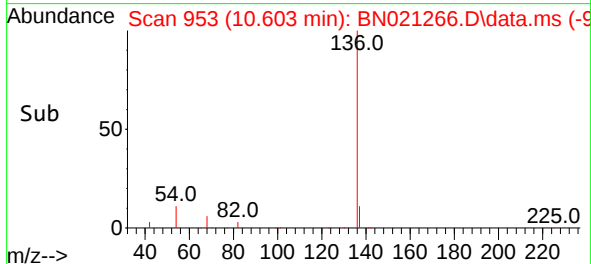
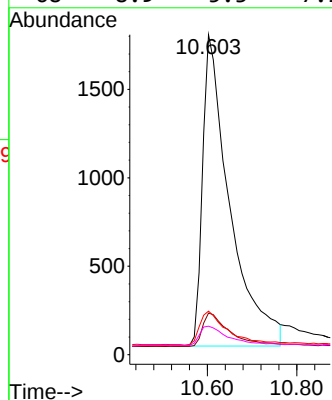
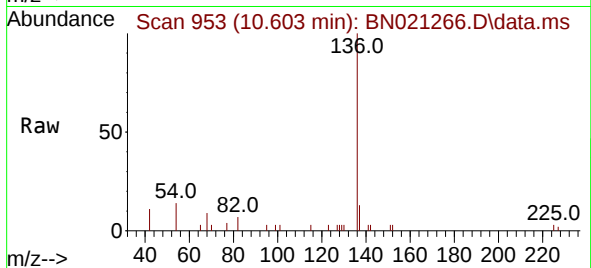




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.603 min Scan# 91
Delta R.T. 0.021 min
Lab File: BN021266.D
Acq: 16 Aug 2022 22:51

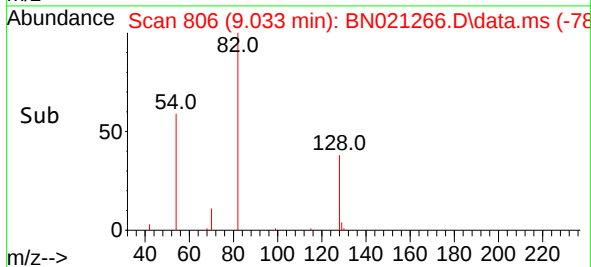
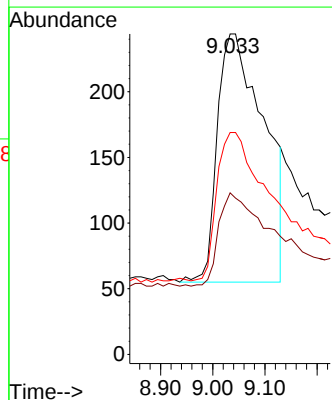
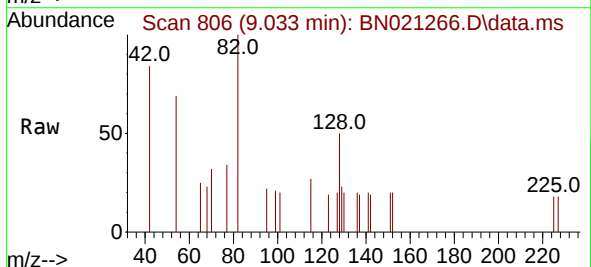
Instrument :
BNA_N
ClientSampleId :
PB146962BL

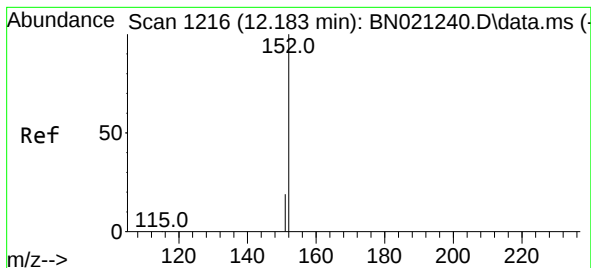
Tgt Ion:	136	Resp:	7411
Ion Ratio	Lower	Upper	
136	100		
137	13.0	9.6	14.4
54	13.6	8.2	12.2#
68	8.9	5.3	7.9#



#8
Nitrobenzene-d5
Concen: 0.302 ng
RT: 9.033 min Scan# 806
Delta R.T. 0.075 min
Lab File: BN021266.D
Acq: 16 Aug 2022 22:51

Tgt Ion:	82	Resp:	1176
Ion Ratio	Lower	Upper	
82	100		
128	50.4	33.6	50.4#
54	69.3	50.2	75.2

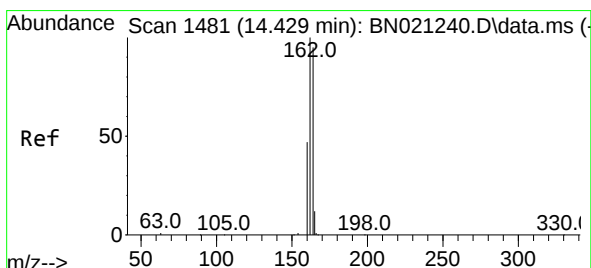
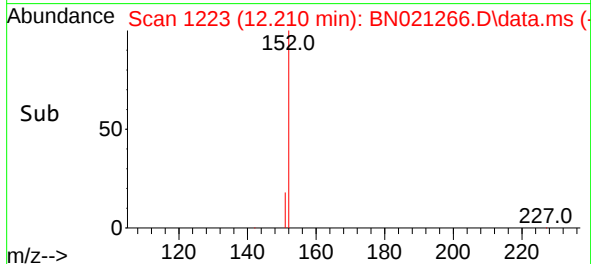
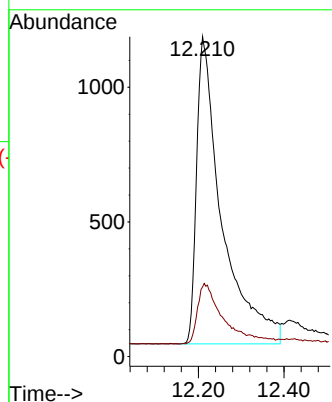
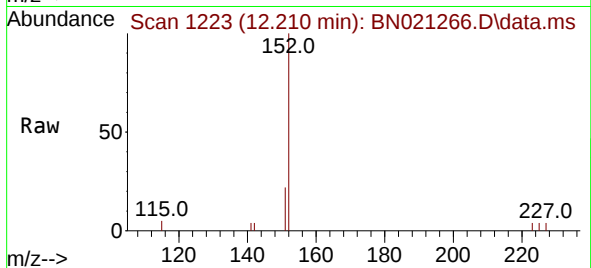




#11
2-Methylnaphthalene-d10
Concen: 0.362 ng
RT: 12.210 min Scan# 11
Delta R.T. 0.027 min
Lab File: BN021266.D
Acq: 16 Aug 2022 22:51

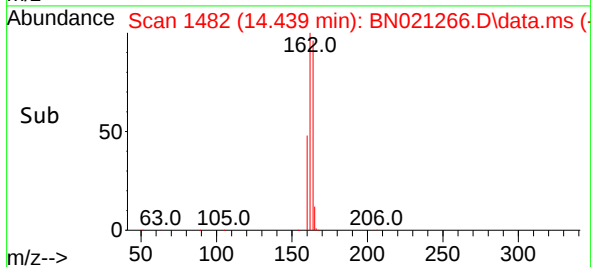
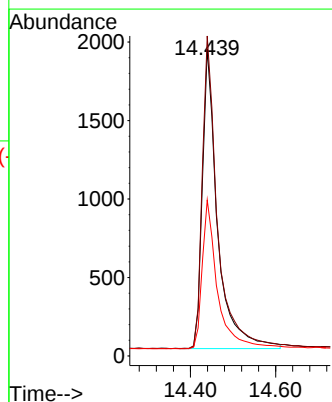
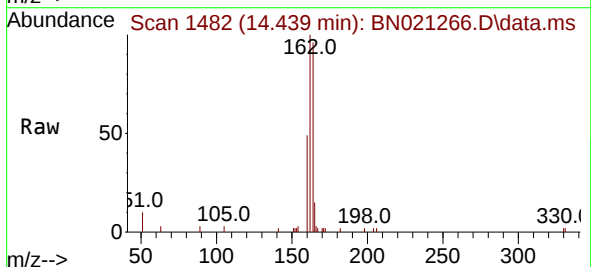
Instrument :
BNA_N
ClientSampleId :
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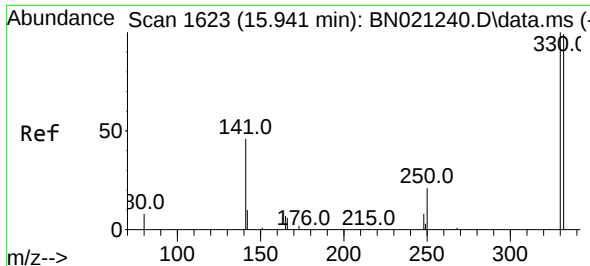
Tgt Ion:152 Resp: 4674
Ion Ratio Lower Upper
152 100
151 18.5 15.8 23.8



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.439 min Scan# 1482
Delta R.T. 0.011 min
Lab File: BN021266.D
Acq: 16 Aug 2022 22:51

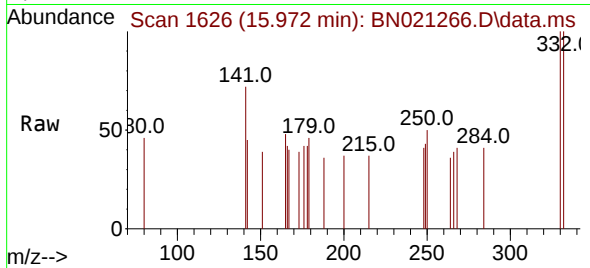
Tgt Ion:164 Resp: 4733
Ion Ratio Lower Upper
164 100
162 104.3 83.8 125.6
160 50.8 39.8 59.6



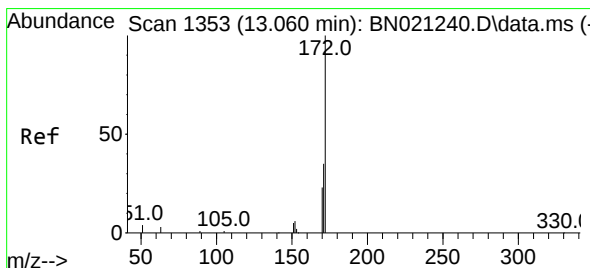
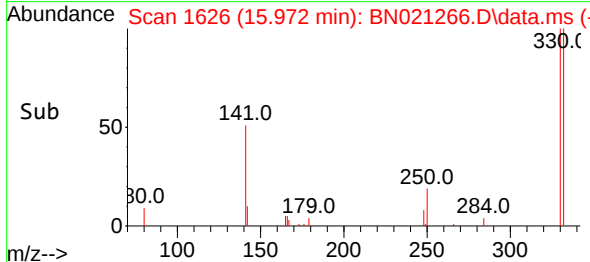
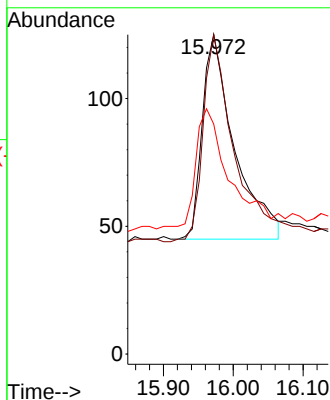


#14
2,4,6-Tribromophenol
Concen: 0.166 ng
RT: 15.972 min Scan# 1626
Delta R.T. 0.031 min
Lab File: BN021266.D
Acq: 16 Aug 2022 22:51

Instrument :
BNA_N
ClientSampleId :
PB146962BL

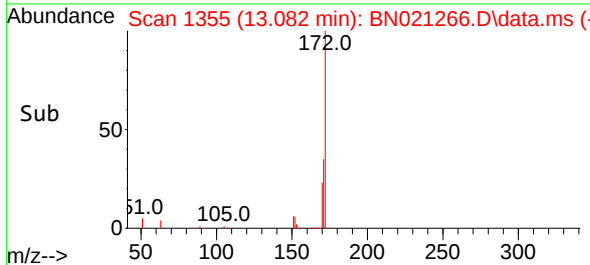
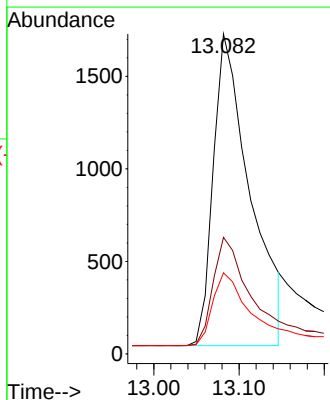
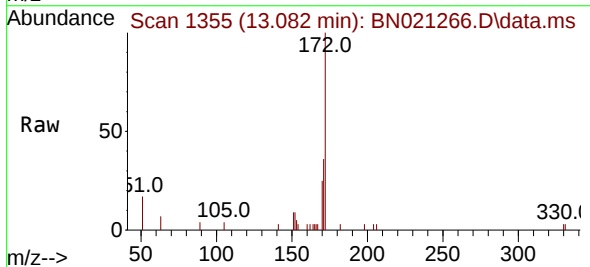


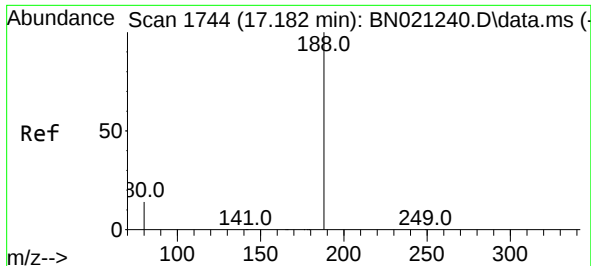
Tgt Ion: 330 Resp: 257
Ion Ratio Lower Upper
330 100
332 97.3 78.1 117.1
141 61.1 45.4 68.0



#15
2-Fluorobiphenyl
Concen: 0.267 ng
RT: 13.082 min Scan# 1355
Delta R.T. 0.021 min
Lab File: BN021266.D
Acq: 16 Aug 2022 22:51

Tgt Ion: 172 Resp: 5035
Ion Ratio Lower Upper
172 100
171 36.4 28.4 42.6
170 25.3 19.0 28.6

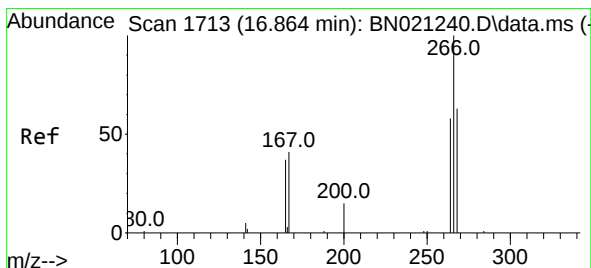
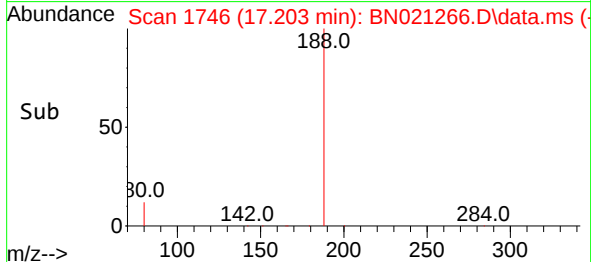
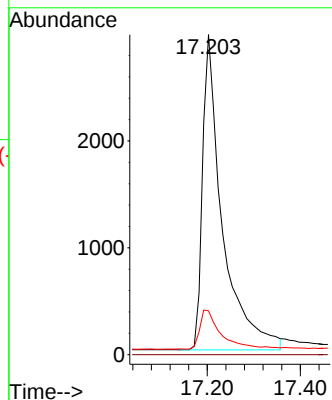
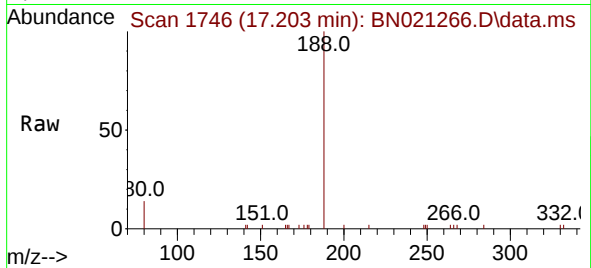




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.203 min Scan# 1716
Delta R.T. 0.021 min
Lab File: BN021266.D
Acq: 16 Aug 2022 22:51

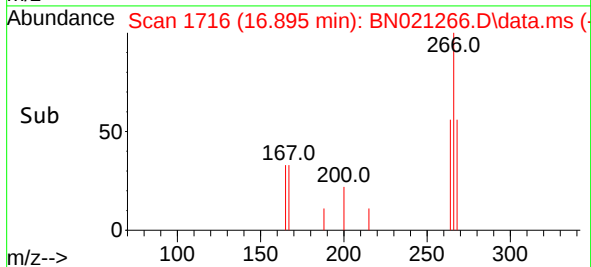
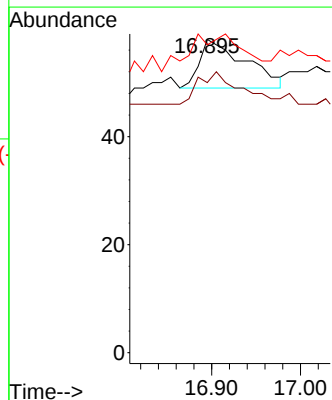
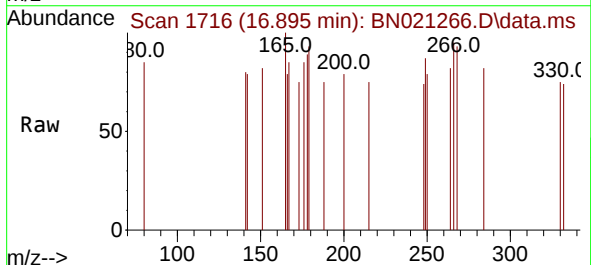
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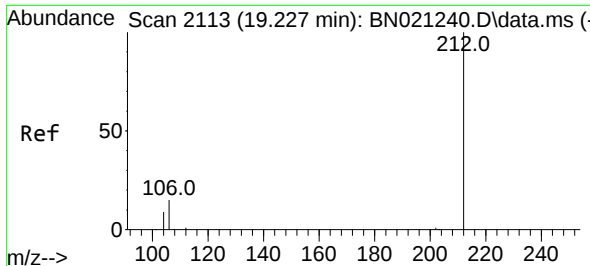
Tgt Ion:188 Resp: 8727
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.7 11.8 17.6



#24
Pentachlorophenol
Concen: 0.024 ng
RT: 16.895 min Scan# 1716
Delta R.T. 0.031 min
Lab File: BN021266.D
Acq: 16 Aug 2022 22:51

Tgt Ion:266 Resp: 32
Ion Ratio Lower Upper
266 100
264 65.6 50.0 75.0
268 0.0 47.1 70.7#

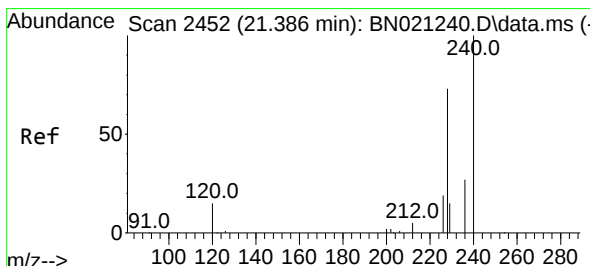
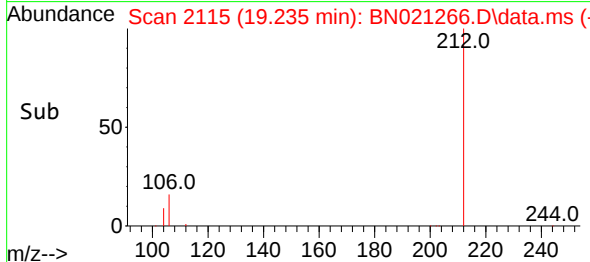
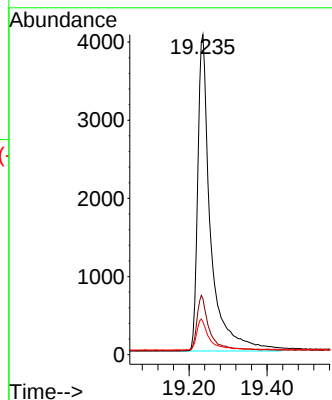
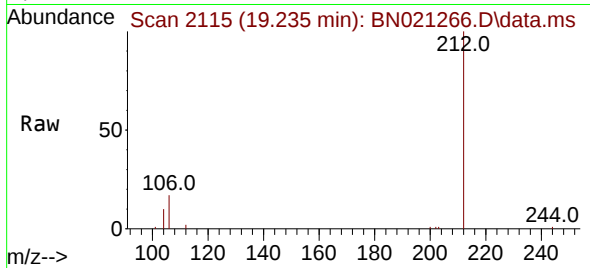




#27
Fluoranthene-d10
Concen: 0.392 ng
RT: 19.235 min Scan# 2115
Delta R.T. 0.009 min
Lab File: BN021266.D
Acq: 16 Aug 2022 22:51

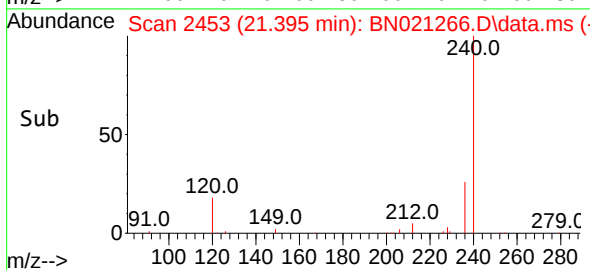
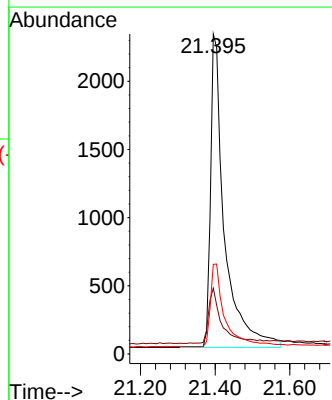
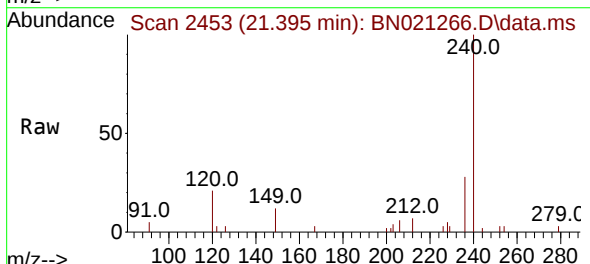
Instrument :
BNA_N
ClientSampleId :
PB146962BL

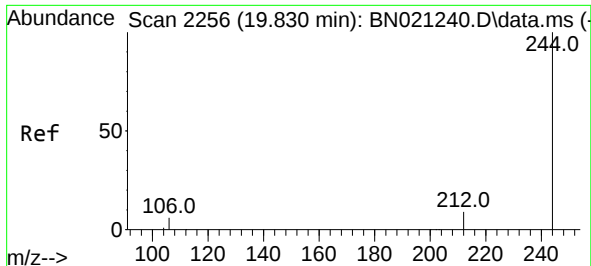
Tgt Ion:212 Resp: 9287
Ion Ratio Lower Upper
212 100
106 16.6 12.6 18.8
104 9.2 7.2 10.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.395 min Scan# 2453
Delta R.T. 0.009 min
Lab File: BN021266.D
Acq: 16 Aug 2022 22:51

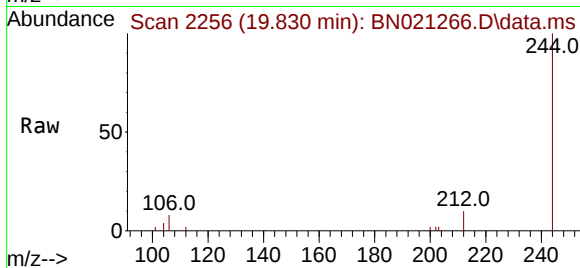
Tgt Ion:240 Resp: 5927
Ion Ratio Lower Upper
240 100
120 20.6 13.4 20.2#
236 28.0 22.6 33.8



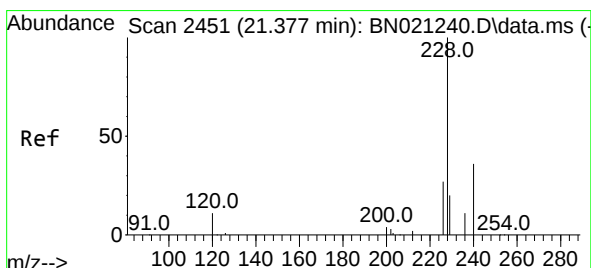
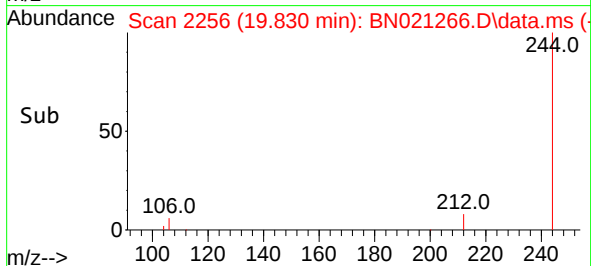
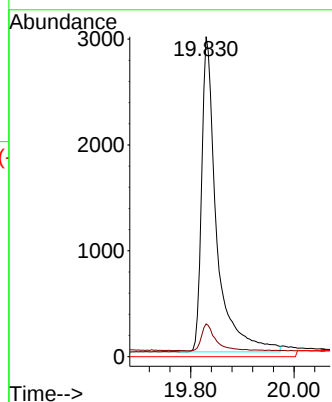


#31
 Terphenyl-d14
 Concen: 0.371 ng
 RT: 19.830 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN021266.D
 Acq: 16 Aug 2022 22:51

Instrument :
 BNA_N
 ClientSampleId :
 PB146962BL

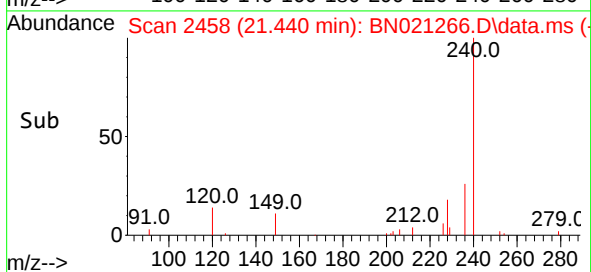
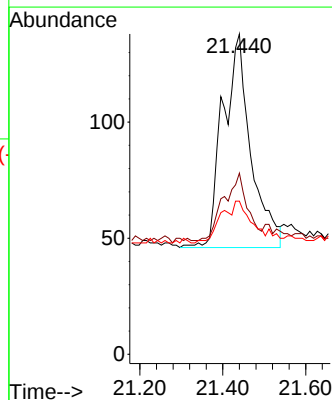
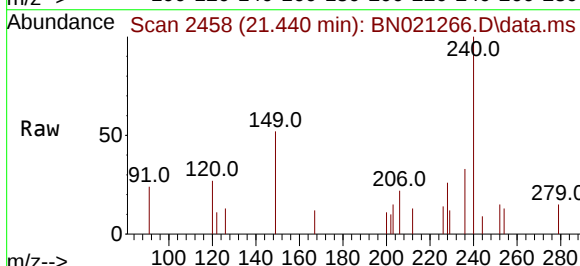


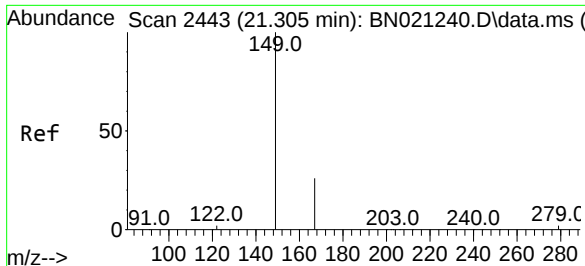
Tgt Ion:244 Resp: 5994
 Ion Ratio Lower Upper
 244 100
 212 10.3 8.3 12.5
 122 0.0 0.0 0.0



#32
 Benzo(a)anthracene
 Concen: 0.022 ng
 RT: 21.440 min Scan# 2458
 Delta R.T. 0.063 min
 Lab File: BN021266.D
 Acq: 16 Aug 2022 22:51

Tgt Ion:228 Resp: 429
 Ion Ratio Lower Upper
 228 100
 226 56.5 22.4 33.6#
 229 47.8 16.6 24.8#

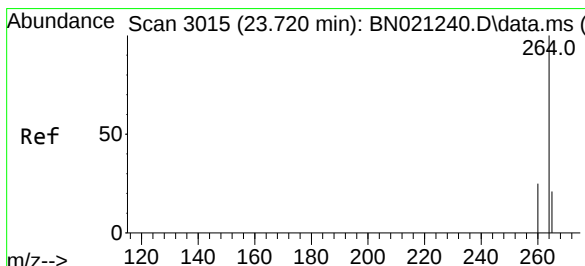
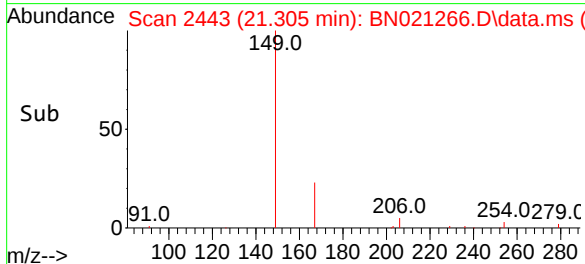
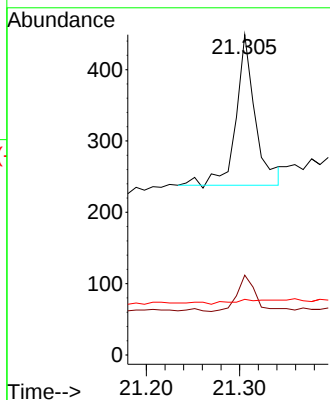
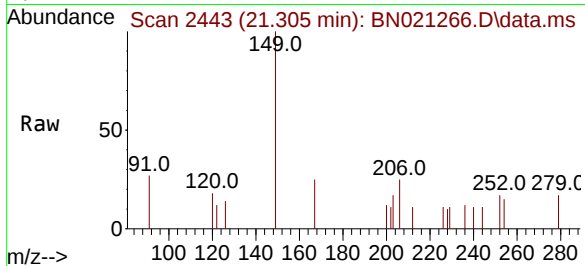




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.023 ng
 RT: 21.305 min Scan# 2443
 Delta R.T. 0.000 min
 Lab File: BN021266.D
 Acq: 16 Aug 2022 22:51

Instrument :
 BNA_N
 ClientSampleId :
 PB146962BL

Tgt Ion:149 Resp: 304
 Ion Ratio Lower Upper
 149 100
 167 23.7 20.6 31.0
 279 0.0 2.4 3.6#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.729 min Scan# 3018
 Delta R.T. 0.009 min
 Lab File: BN021266.D
 Acq: 16 Aug 2022 22:51

Tgt Ion:264 Resp: 4849
 Ion Ratio Lower Upper
 264 100
 260 27.2 21.4 32.2
 265 49.4 34.3 51.5

