

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090222\
 Data File : BN021589.D
 Acq On : 03 Sep 2022 09:57
 Operator : CG/JU
 Sample : N4471-17
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EB01-083122

Quant Time: Sep 05 02:37:49 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 02 00:53:31 2022
 Response via : Initial Calibration

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

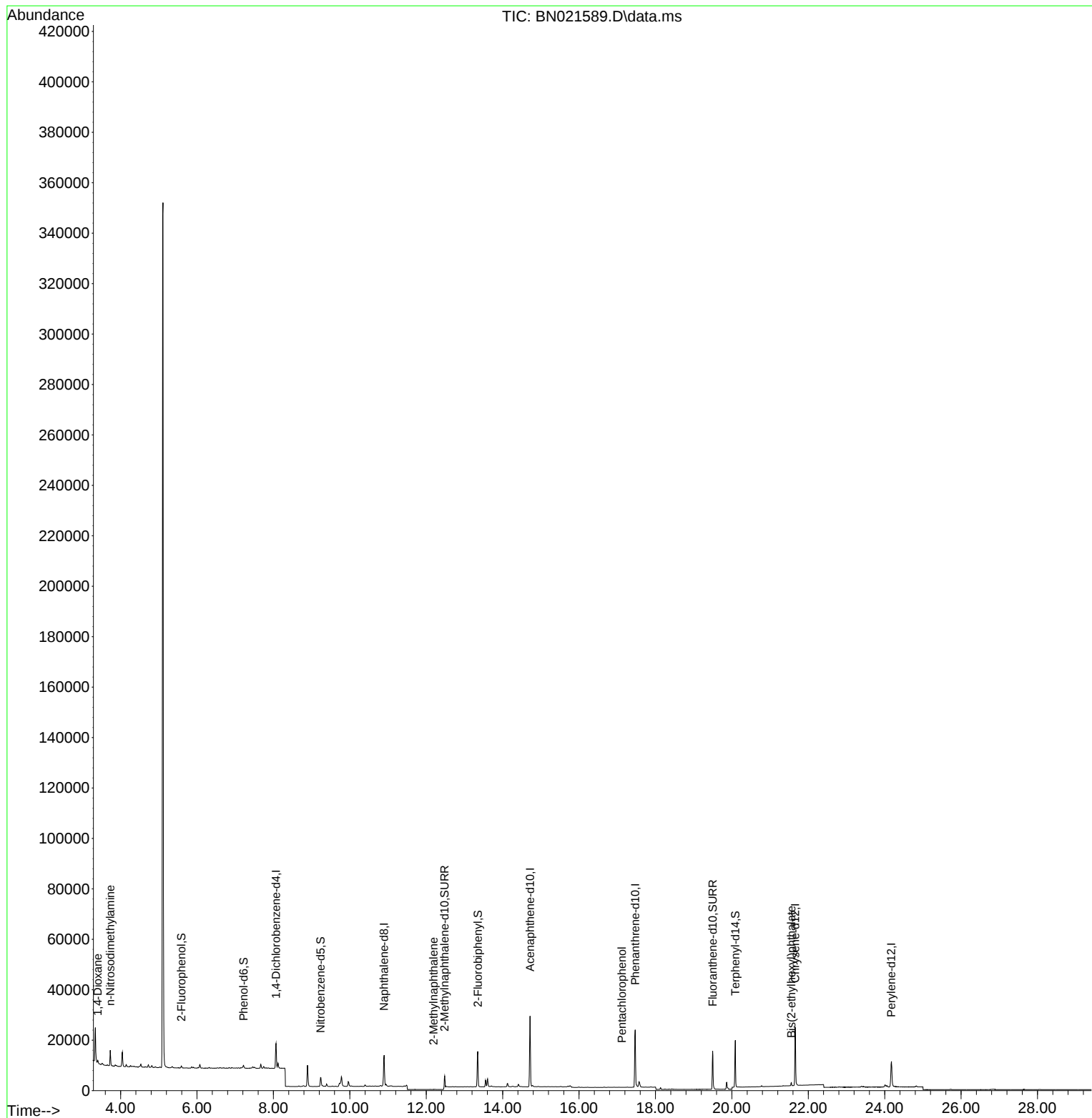
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.069	152	4990	0.400	ng	0.00
7) Naphthalene-d8	10.898	136	17264	0.400	ng	0.00
13) Acenaphthene-d10	14.718	164	14467	0.400	ng	0.00
19) Phenanthrene-d10	17.470	188	32690	0.400	ng	0.00
29) Chrysene-d12	21.655	240	21373	0.400	ng	# 0.00
35) Perylene-d12	24.173	264	15756	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.592	112	538	0.055	ng	0.00
5) Phenol-d6	7.217	99	1102	0.089	ng	0.00
8) Nitrobenzene-d5	9.233	82	3376	0.290	ng	-0.01
11) 2-Methylnaphthalene-d10	12.482	152	10534	0.271	ng	0.00
14) 2,4,6-Tribromophenol	16.218	330	47	0.010	ng	0.00
15) 2-Fluorobiphenyl	13.349	172	13025	0.206	ng	0.00
27) Fluoranthene-d10	19.497	212	16682	0.198	ng	0.00
31) Terphenyl-d14	20.088	244	15471	0.322	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.403	88	610	0.098	ng	# 66
3) n-Nitrosodimethylamine	3.728	42	448	0.080	ng	# 1
12) 2-Methylnaphthalene	12.191	142	39	0.131	ng	# 1
24) Pentachlorophenol	17.121	266	33	0.207	ng	92
34) Bis(2-ethylhexyl)phtha...	21.557	149	1382	0.046	ng	94

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

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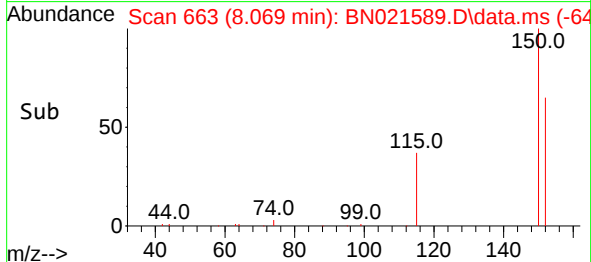
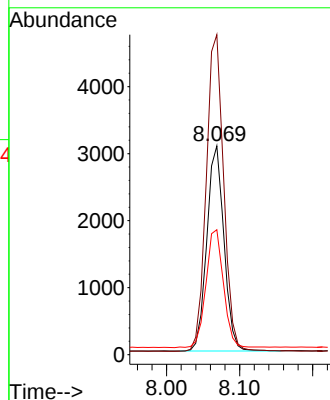
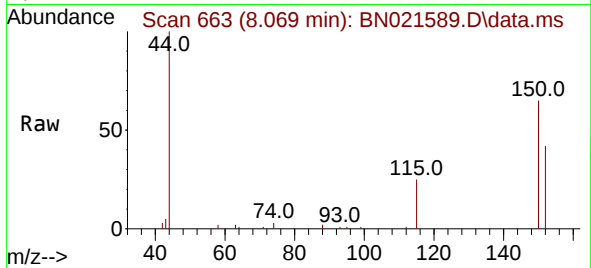




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.069 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN021589.D
Acq: 03 Sep 2022 09:57

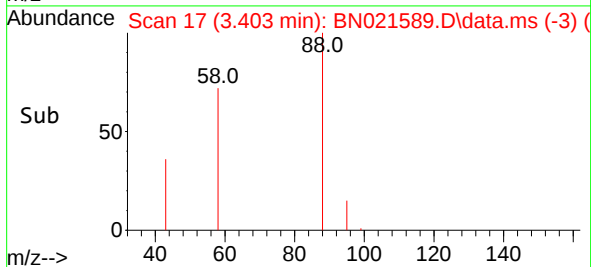
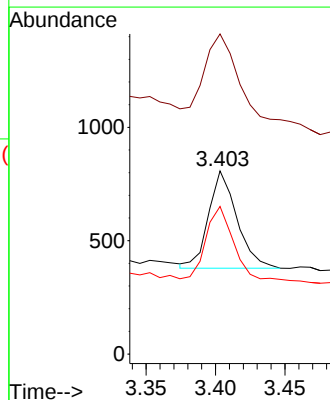
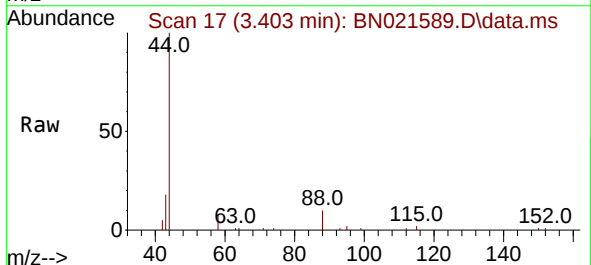
Instrument :
BNA_N
ClientSampleId :
EB01-083122

Tgt Ion:152 Resp: 4990
Ion Ratio Lower Upper
152 100
150 153.3 121.4 182.0
115 59.9 48.6 72.8



#2
1,4-Dioxane
Concen: 0.098 ng
RT: 3.403 min Scan# 17
Delta R.T. -0.000 min
Lab File: BN021589.D
Acq: 03 Sep 2022 09:57

Tgt Ion: 88 Resp: 610
Ion Ratio Lower Upper
88 100
43 101.0 35.8 53.8#
58 70.5 57.1 85.7

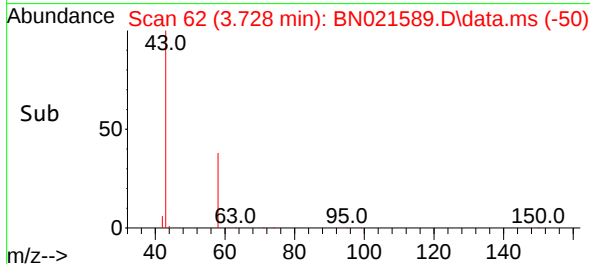
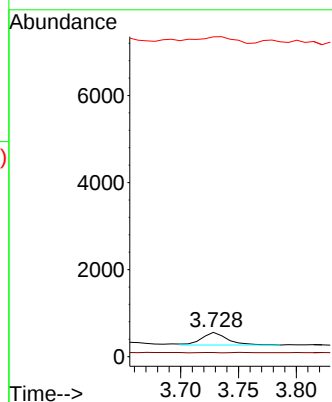
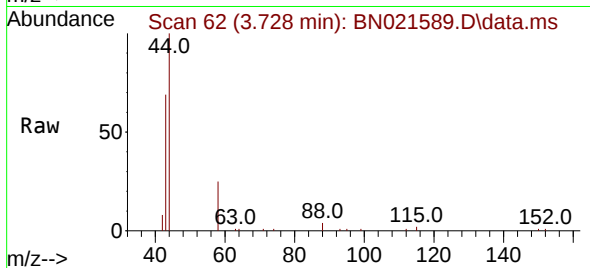




#3
 n-Nitrosodimethylamine
 Concen: 0.080 ng
 RT: 3.728 min Scan# 61
 Delta R.T. -0.014 min
 Lab File: BN021589.D
 Acq: 03 Sep 2022 09:57

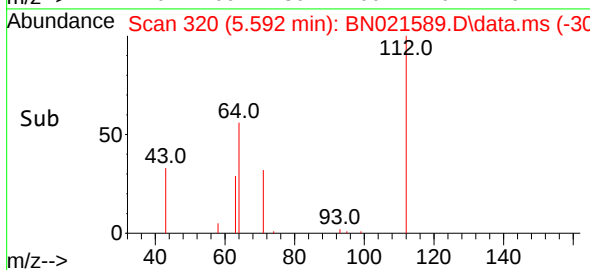
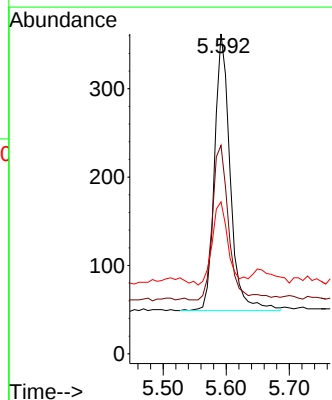
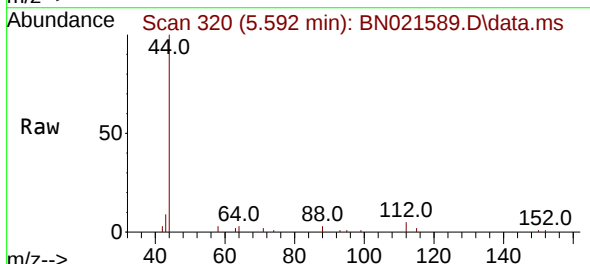
Instrument :
 BNA_N
 ClientSampleId :
 EB01-083122

Tgt Ion: 42 Resp: 448
 Ion Ratio Lower Upper
 42 100
 74 1.3 113.0 169.6#
 44 0.0 10.5 15.7#



#4
 2-Fluorophenol
 Concen: 0.055 ng
 RT: 5.592 min Scan# 320
 Delta R.T. -0.000 min
 Lab File: BN021589.D
 Acq: 03 Sep 2022 09:57

Tgt Ion: 112 Resp: 538
 Ion Ratio Lower Upper
 112 100
 64 58.7 43.5 65.3
 63 30.9 22.6 34.0

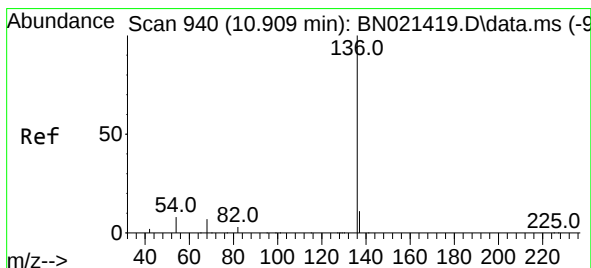
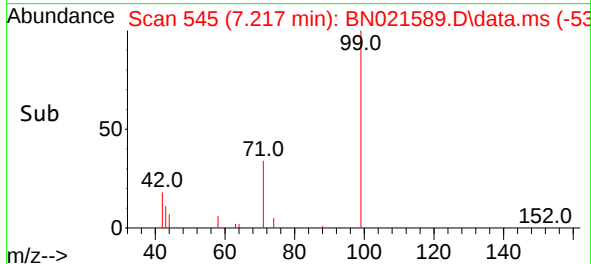
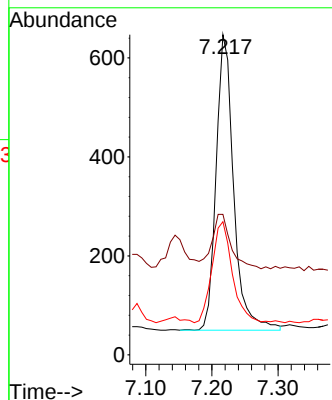
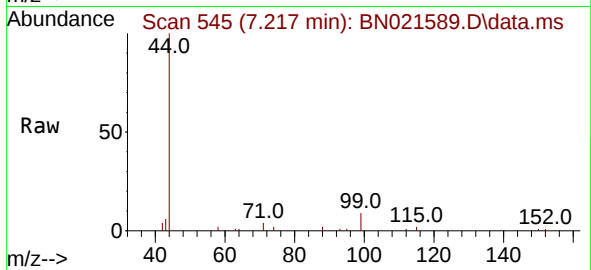




#5
Phenol-d6
Concen: 0.089 ng
RT: 7.217 min Scan# 54
Delta R.T. -0.000 min
Lab File: BN021589.D
Acq: 03 Sep 2022 09:57

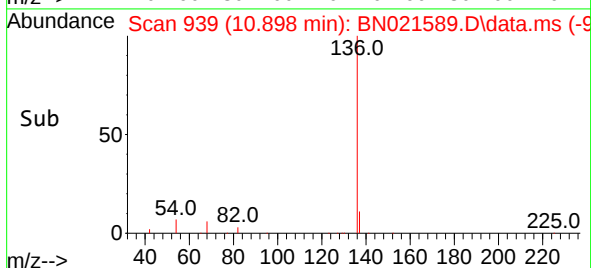
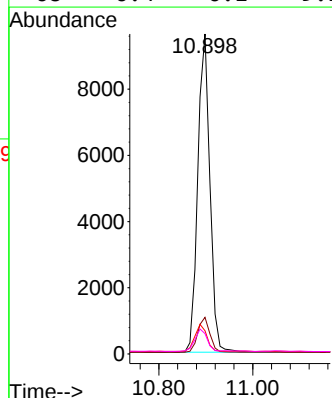
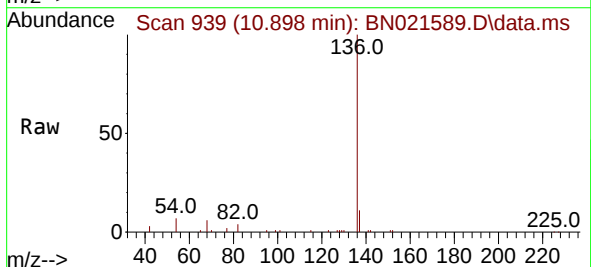
Instrument :
BNA_N
ClientSampleId :
EB01-083122

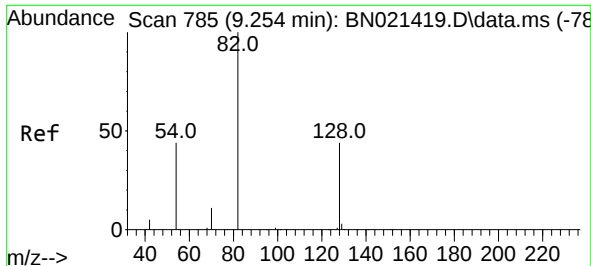
Tgt Ion: 99 Resp: 1102
Ion Ratio Lower Upper
99 100
42 19.7 15.5 23.3
71 39.7 24.2 36.2#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.898 min Scan# 939
Delta R.T. -0.000 min
Lab File: BN021589.D
Acq: 03 Sep 2022 09:57

Tgt Ion: 136 Resp: 17264
Ion Ratio Lower Upper
136 100
137 11.5 9.3 13.9
54 7.3 6.9 10.3
68 6.4 6.1 9.1

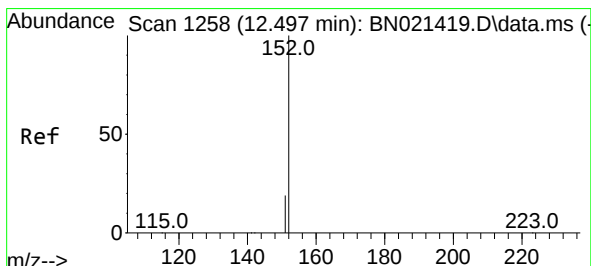
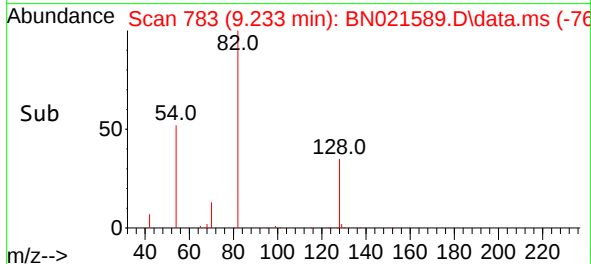
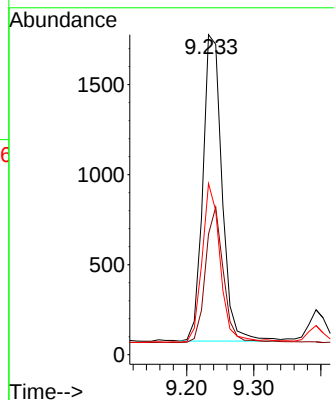
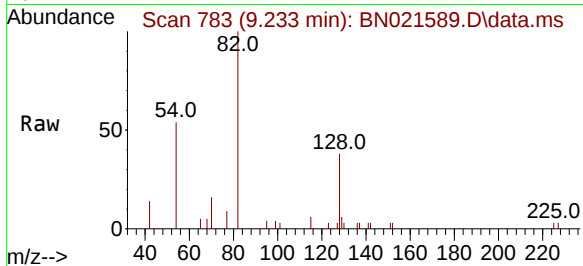




#8
 Nitrobenzene-d5
 Concen: 0.290 ng
 RT: 9.233 min Scan# 785
 Delta R.T. -0.011 min
 Lab File: BN021589.D
 Acq: 03 Sep 2022 09:57

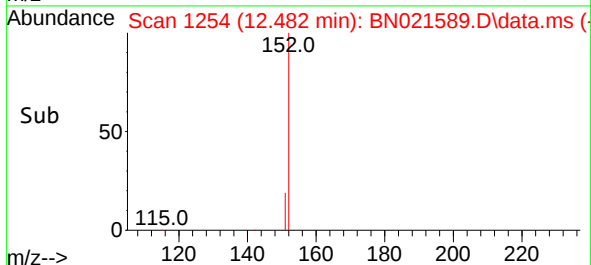
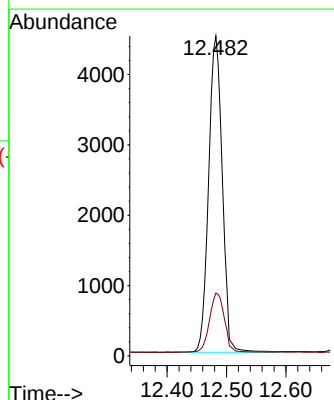
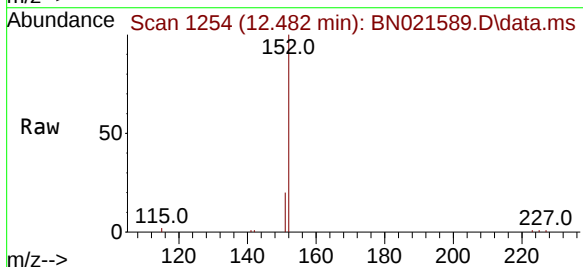
Instrument :
 BNA_N
 ClientSampleId :
 EB01-083122

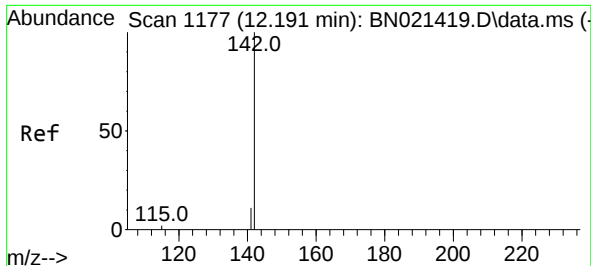
Tgt Ion: 82 Resp: 3376
 Ion Ratio Lower Upper
 82 100
 128 37.7 30.9 46.3
 54 53.5 42.7 64.1



#11
 2-Methylnaphthalene-d10
 Concen: 0.271 ng
 RT: 12.482 min Scan# 1254
 Delta R.T. -0.004 min
 Lab File: BN021589.D
 Acq: 03 Sep 2022 09:57

Tgt Ion: 152 Resp: 10534
 Ion Ratio Lower Upper
 152 100
 151 19.1 14.5 21.7

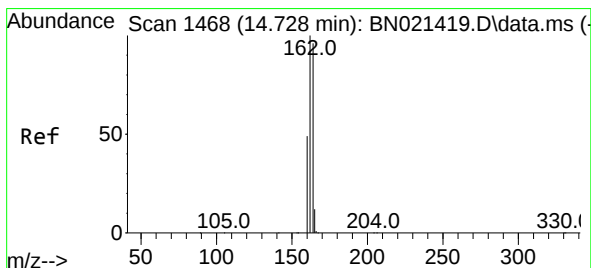
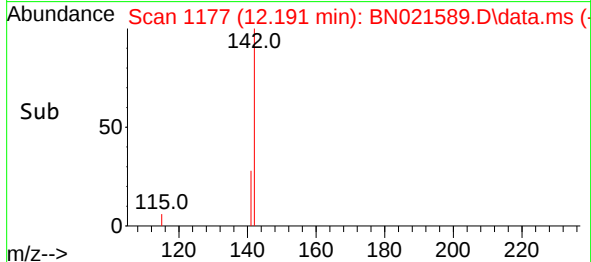
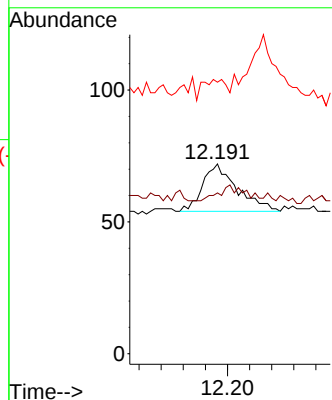
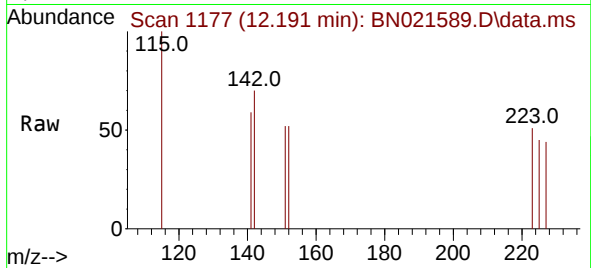




#12
2-Methylnaphthalene
Concen: 0.131 ng
RT: 12.191 min Scan# 1177
Delta R.T. 0.008 min
Lab File: BN021589.D
Acq: 03 Sep 2022 09:57

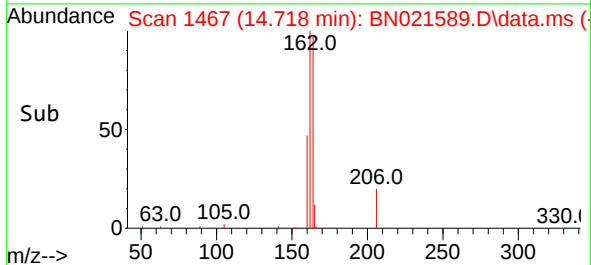
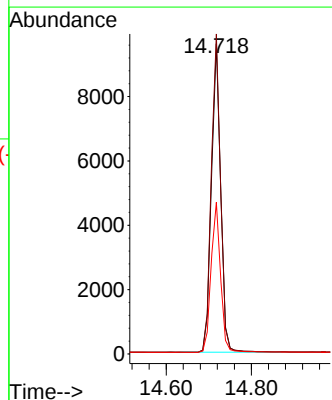
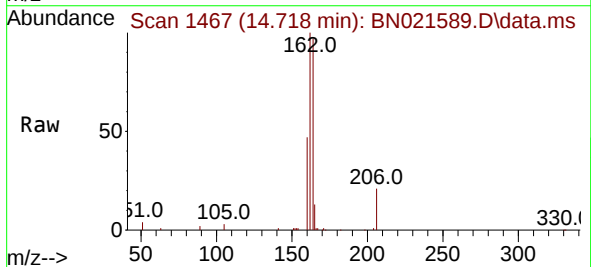
Instrument :
BNA_N
ClientSampleId :
EB01-083122

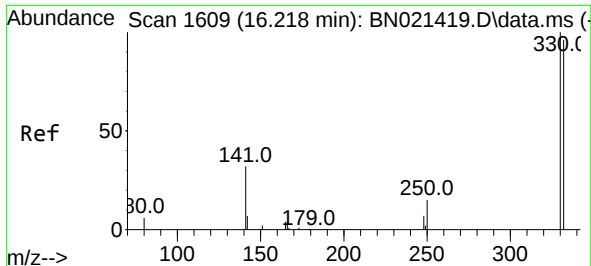
Tgt Ion:142 Resp: 39
Ion Ratio Lower Upper
142 100
141 84.7 12.2 18.2#
115 143.1 7.9 11.9#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.718 min Scan# 1467
Delta R.T. -0.000 min
Lab File: BN021589.D
Acq: 03 Sep 2022 09:57

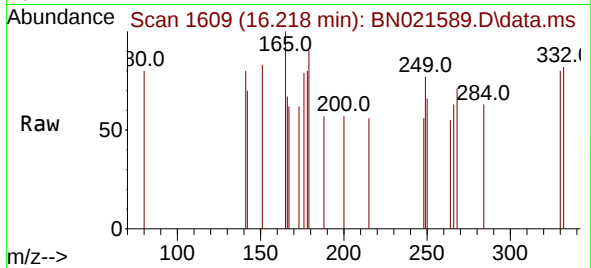
Tgt Ion:164 Resp: 14467
Ion Ratio Lower Upper
164 100
162 103.2 82.2 123.4
160 48.9 39.5 59.3



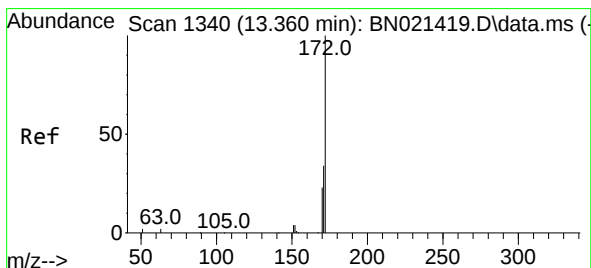
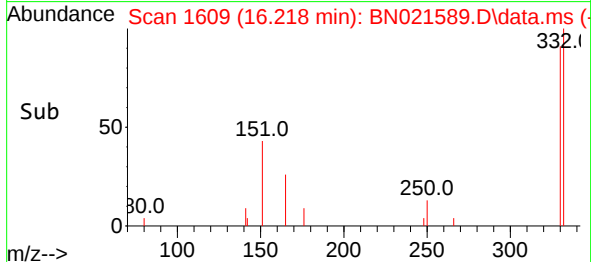
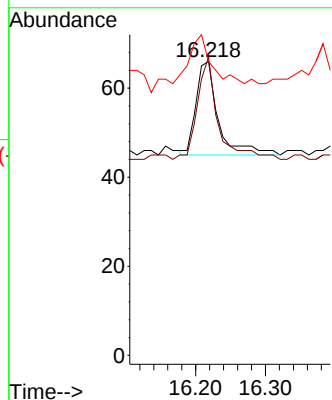


#14
2,4,6-Tribromophenol
Concen: 0.010 ng
RT: 16.218 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN021589.D
Acq: 03 Sep 2022 09:57

Instrument :
BNA_N
ClientSampleId :
EB01-083122

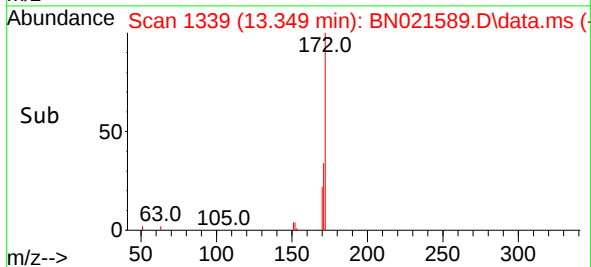
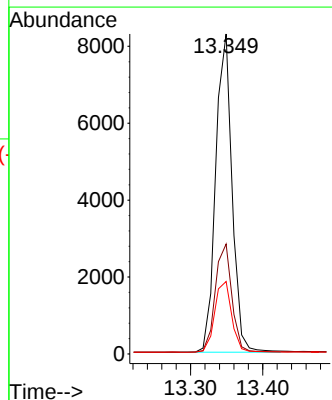
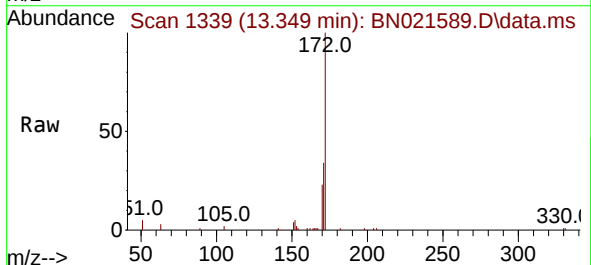


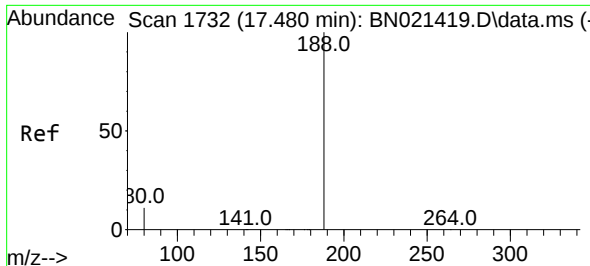
Tgt Ion:330 Resp: 47
Ion Ratio Lower Upper
330 100
332 100.0 79.3 118.9
141 93.6 37.1 55.7#



#15
2-Fluorobiphenyl
Concen: 0.206 ng
RT: 13.349 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BN021589.D
Acq: 03 Sep 2022 09:57

Tgt Ion:172 Resp: 13025
Ion Ratio Lower Upper
172 100
171 34.4 27.8 41.6
170 22.6 18.6 28.0

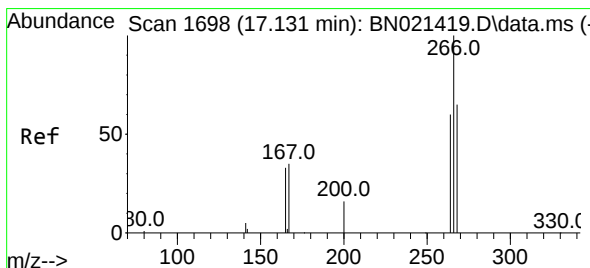
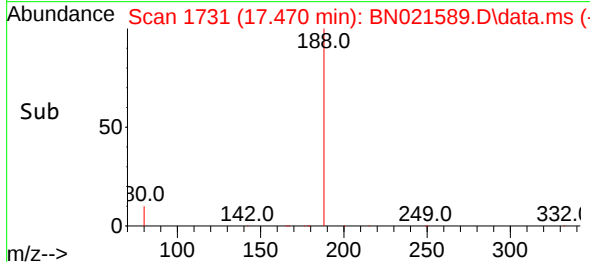
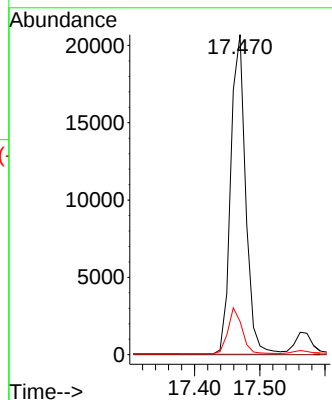
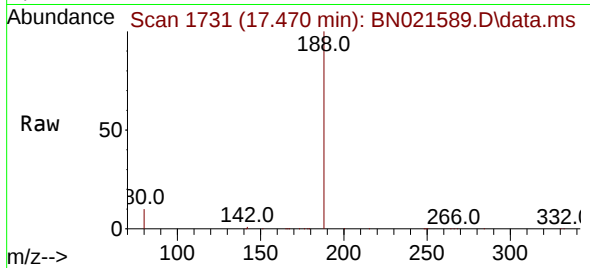




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.470 min Scan# 1732
Delta R.T. -0.000 min
Lab File: BN021589.D
Acq: 03 Sep 2022 09:57

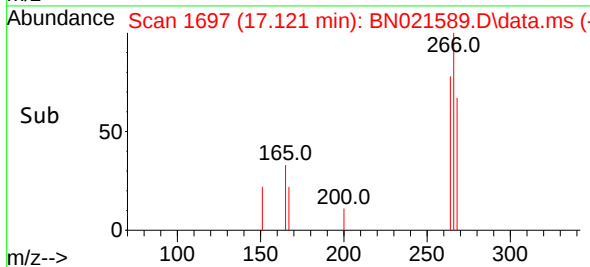
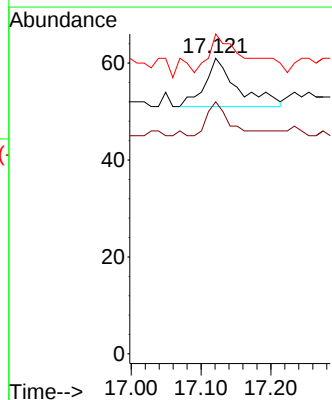
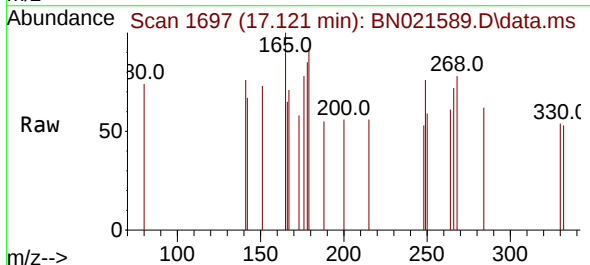
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BNA_N
ClientSampleId :
EB01-083122

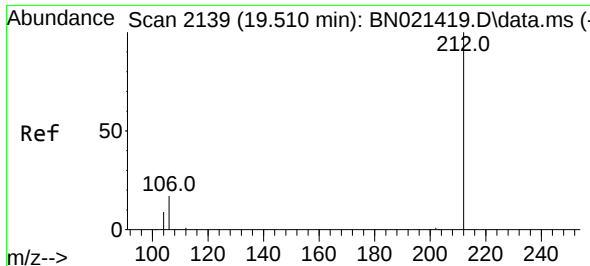
Tgt Ion:188 Resp: 32690
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.4 9.5 14.3



#24
Pentachlorophenol
Concen: 0.207 ng
RT: 17.121 min Scan# 1697
Delta R.T. -0.000 min
Lab File: BN021589.D
Acq: 03 Sep 2022 09:57

Tgt Ion:266 Resp: 33
Ion Ratio Lower Upper
266 100
264 51.5 49.0 73.6
268 66.7 50.9 76.3

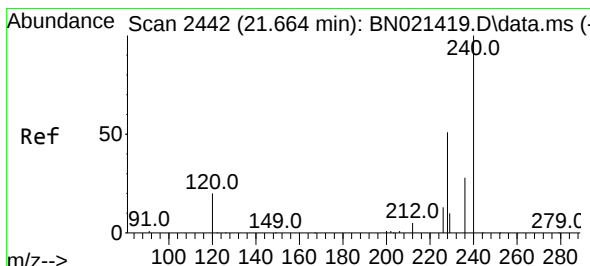
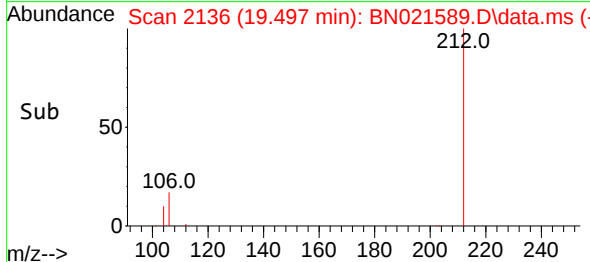
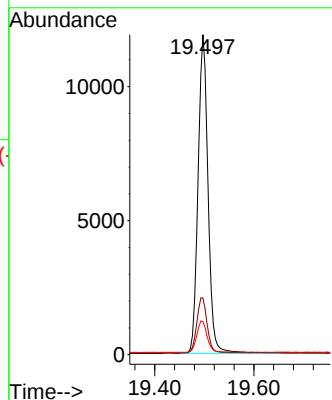
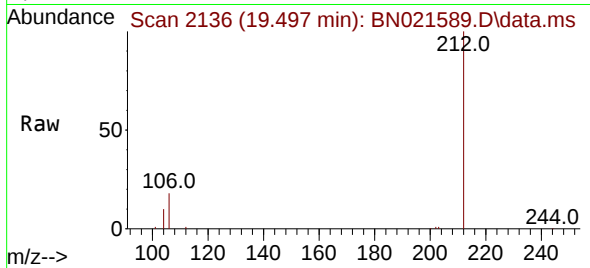




#27
Fluoranthene-d10
Concen: 0.198 ng
RT: 19.497 min Scan# 2136
Delta R.T. -0.004 min
Lab File: BN021589.D
Acq: 03 Sep 2022 09:57

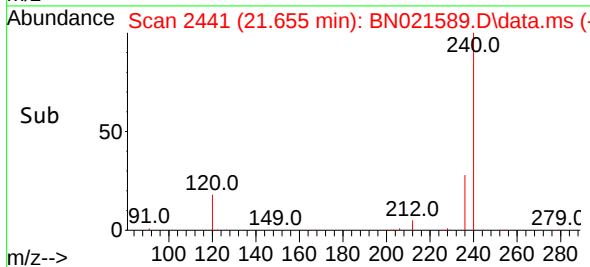
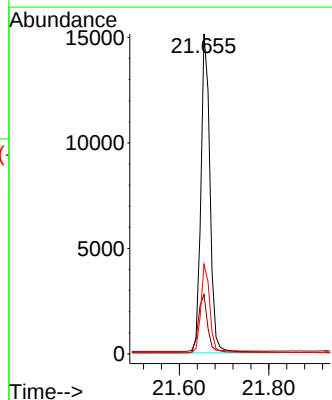
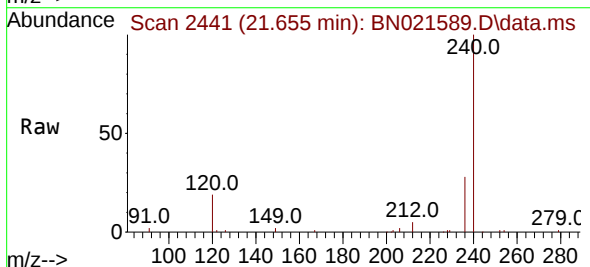
Instrument :
BNA_N
ClientSampleId :
EB01-083122

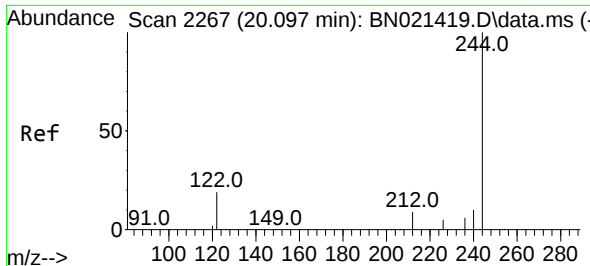
Tgt Ion:212 Resp: 16682
Ion Ratio Lower Upper
212 100
106 17.9 14.2 21.2
104 10.2 7.8 11.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.655 min Scan# 2441
Delta R.T. -0.009 min
Lab File: BN021589.D
Acq: 03 Sep 2022 09:57

Tgt Ion:240 Resp: 21373
Ion Ratio Lower Upper
240 100
120 18.6 10.2 15.4#
236 28.0 22.1 33.1

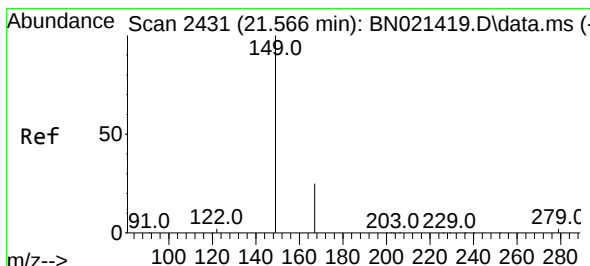
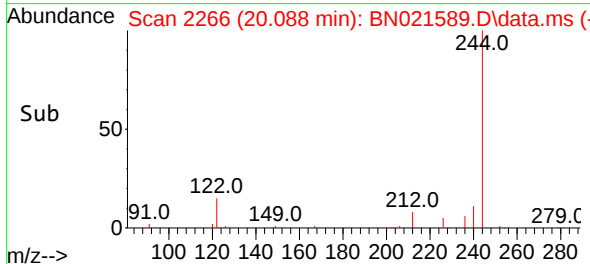
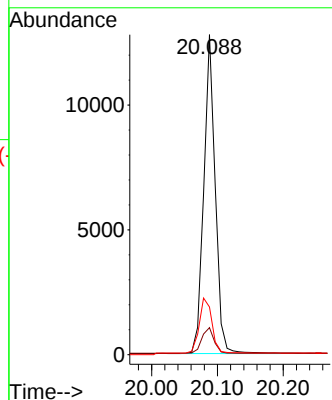
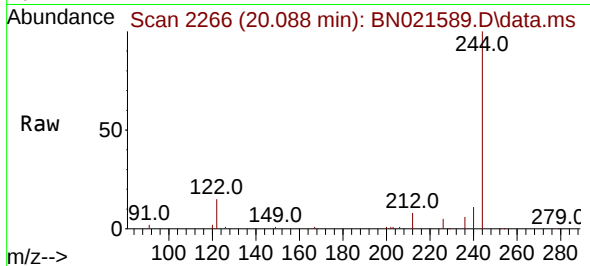




#31
 Terphenyl-d14
 Concen: 0.322 ng
 RT: 20.088 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN021589.D
 Acq: 03 Sep 2022 09:57

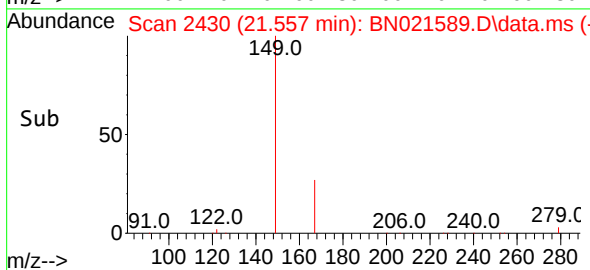
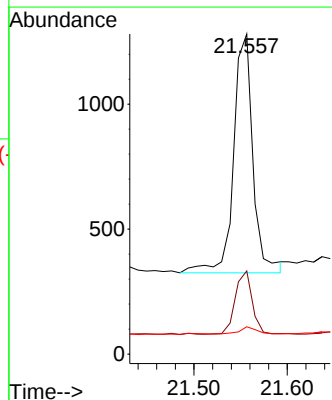
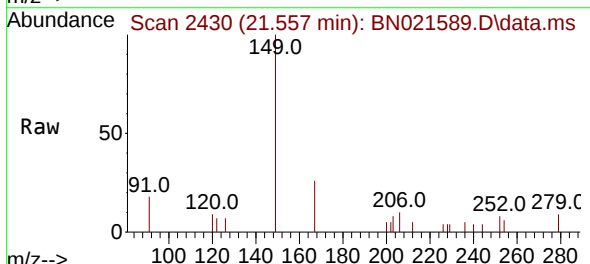
Instrument :
 BNA_N
 ClientSampleId :
 EB01-083122

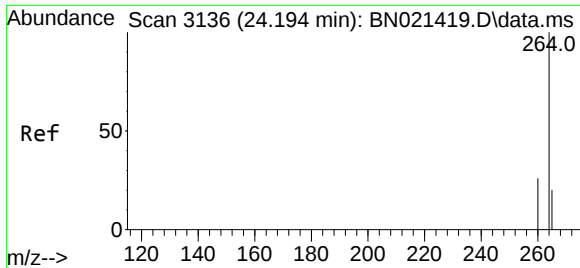
Tgt Ion:244 Resp: 15471
 Ion Ratio Lower Upper
 244 100
 212 8.5 6.5 9.7
 122 14.9 9.1 13.7#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.046 ng
 RT: 21.557 min Scan# 2430
 Delta R.T. -0.000 min
 Lab File: BN021589.D
 Acq: 03 Sep 2022 09:57

Tgt Ion:149 Resp: 1382
 Ion Ratio Lower Upper
 149 100
 167 23.5 21.4 32.0
 279 2.7 2.2 3.2





#35

Perylene-d12

Concen: 0.400 ng

RT: 24.173 min Scan# 31

Delta R.T. -0.012 min

Lab File: BN021589.D

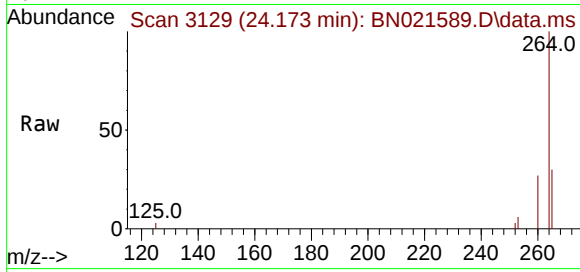
Acq: 03 Sep 2022 09:57

Instrument :

BNA_N

ClientSampleId :

EB01-083122



Tgt Ion:264 Resp: 15756

Ion Ratio Lower Upper

264 100

260 26.7 21.0 31.6

265 30.1 32.2 48.2#

