

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090222\
 Data File : BN021564.D
 Acq On : 02 Sep 2022 16:46
 Operator : CG/JU
 Sample : N4373-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE114D1-20220825

Quant Time: Sep 03 03:07:52 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)

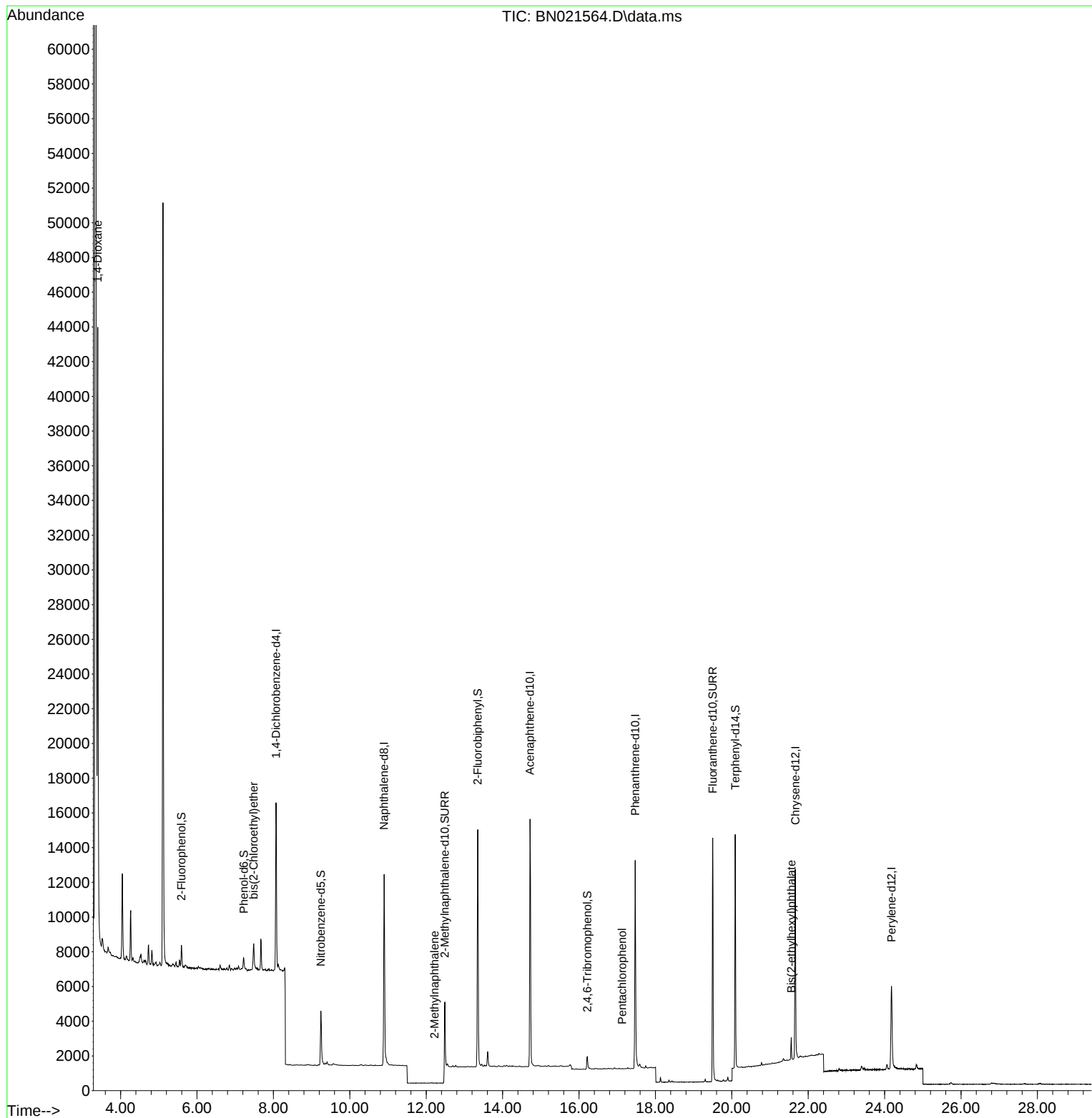
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.069	152	4861	0.400	ng	0.00
7) Naphthalene-d8	10.898	136	15273	0.400	ng	0.00
13) Acenaphthene-d10	14.718	164	8393	0.400	ng	0.00
19) Phenanthrene-d10	17.470	188	17538	0.400	ng	0.00
29) Chrysene-d12	21.664	240	11199	0.400	ng	0.00
35) Perylene-d12	24.179	264	7898	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.592	112	1110	0.117	ng	0.00
5) Phenol-d6	7.224	99	813	0.067	ng	0.00
8) Nitrobenzene-d5	9.243	82	2988	0.290	ng	0.00
11) 2-Methylnaphthalene-d10	12.486	152	10610	0.308	ng	0.00
14) 2,4,6-Tribromophenol	16.219	330	507	0.184	ng	0.00
15) 2-Fluorobiphenyl	13.349	172	12088	0.329	ng	0.00
27) Fluoranthene-d10	19.501	212	15817	0.351	ng	0.00
31) Terphenyl-d14	20.088	244	11664	0.463	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.403	88	21338	3.510	ng	Qvalue 90
6) bis(2-Chloroethyl)ether	7.484	93	935	0.061	ng	97
12) 2-Methylnaphthalene	12.218	142	1	0.127	ng	# 1
24) Pentachlorophenol	17.131	266	9	0.204	ng	# 55
34) Bis(2-ethylhexyl)phtha...	21.557	149	1282	0.082	ng	96

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

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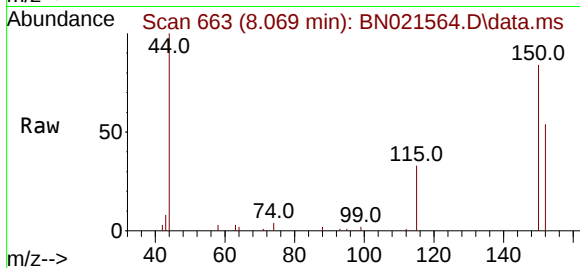
Quant Time: Sep 03 03:07:52 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 02 00:53:31 2022
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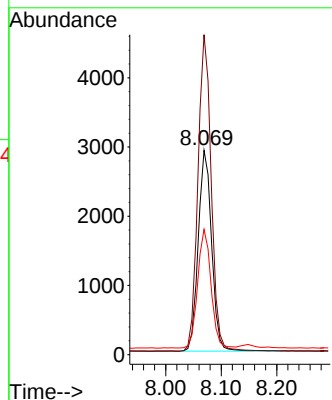
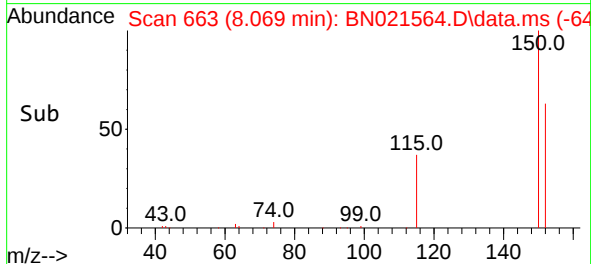


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.069 min Scan# 60
 Delta R.T. -0.000 min
 Lab File: BN021564.D
 Acq: 02 Sep 2022 16:46

Instrument :
 BNA_N
 ClientSampleId :
 RE114D1-20220825

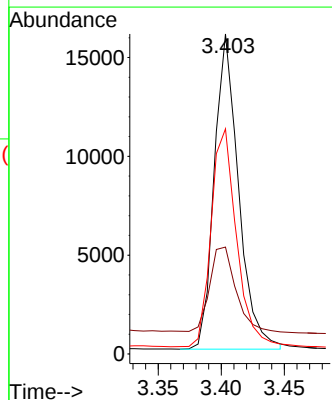
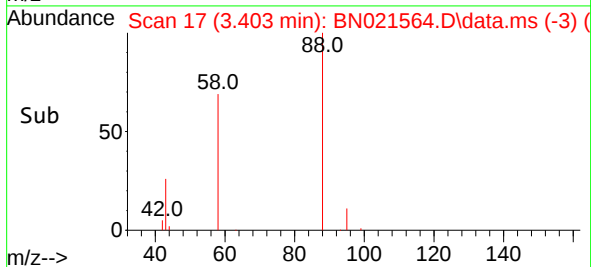
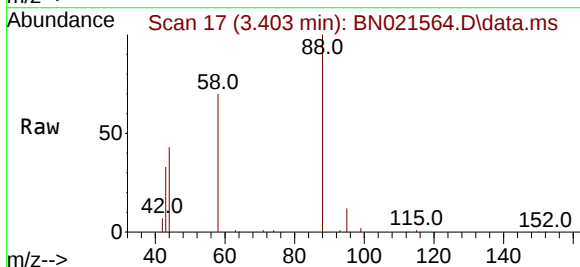


Tgt Ion:152 Resp: 4861
 Ion Ratio Lower Upper
 152 100
 150 156.6 121.4 182.0
 115 61.3 48.6 72.8



#2
 1,4-Dioxane
 Concen: 3.510 ng
 RT: 3.403 min Scan# 17
 Delta R.T. 0.000 min
 Lab File: BN021564.D
 Acq: 02 Sep 2022 16:46

Tgt Ion: 88 Resp: 21338
 Ion Ratio Lower Upper
 88 100
 43 28.9 35.8 53.8#
 58 72.2 57.1 85.7

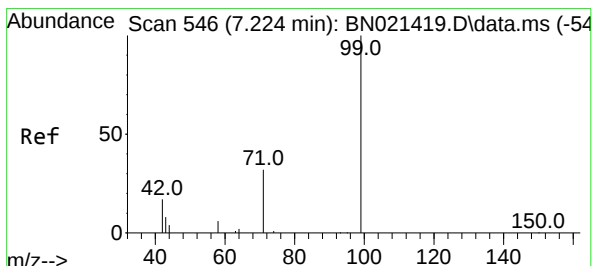
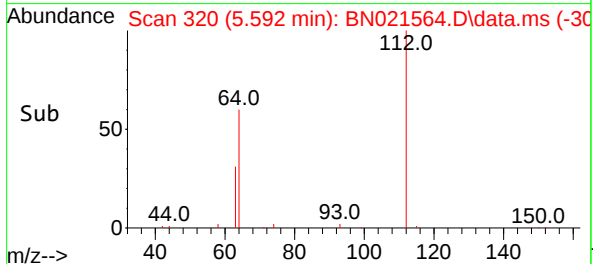
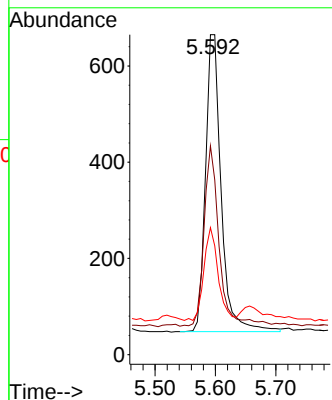
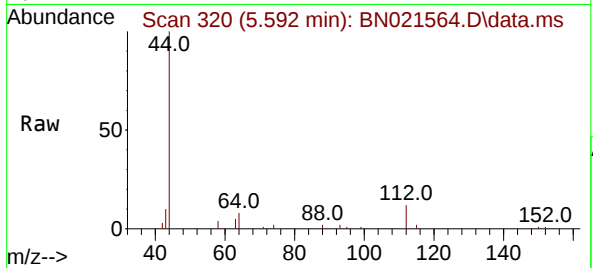




#4
2-Fluorophenol
Concen: 0.117 ng
RT: 5.592 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN021564.D
Acq: 02 Sep 2022 16:46

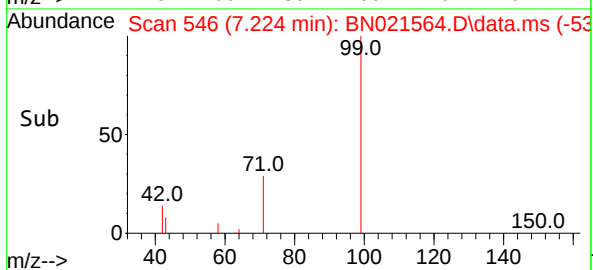
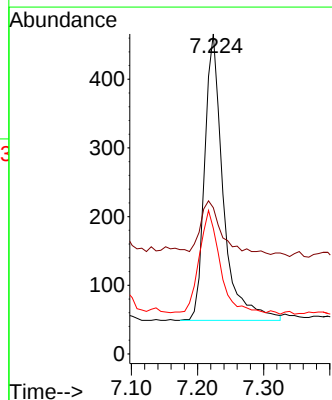
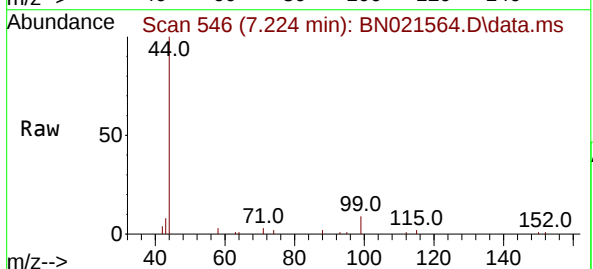
Instrument :
BNA_N
ClientSampleId :
RE114D1-20220825

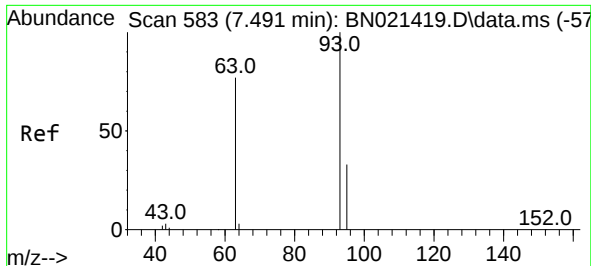
Tgt Ion:112 Resp: 1110
Ion Ratio Lower Upper
112 100
64 58.8 43.5 65.3
63 28.5 22.6 34.0



#5
Phenol-d6
Concen: 0.067 ng
RT: 7.224 min Scan# 546
Delta R.T. 0.007 min
Lab File: BN021564.D
Acq: 02 Sep 2022 16:46

Tgt Ion: 99 Resp: 813
Ion Ratio Lower Upper
99 100
42 21.2 15.5 23.3
71 39.6 24.2 36.2#

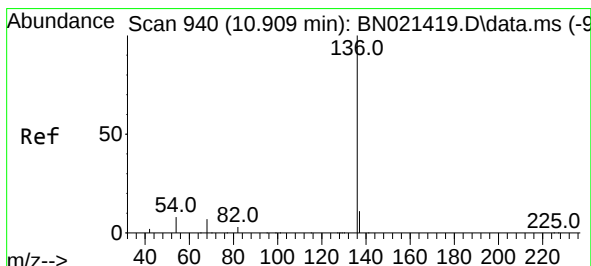
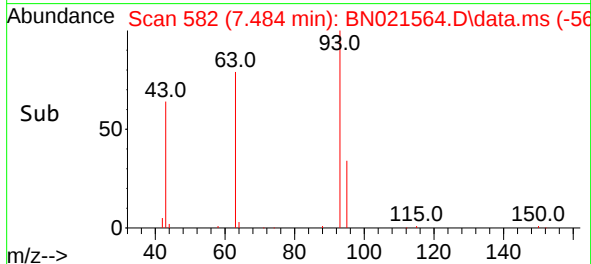
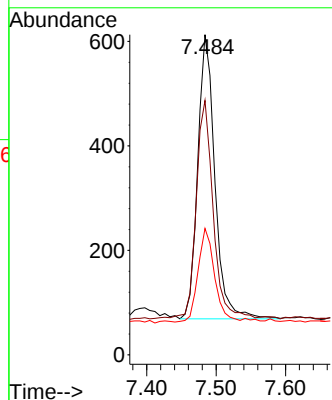
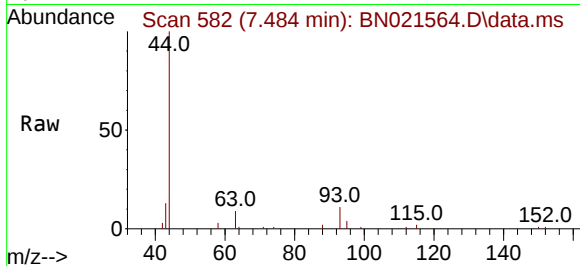




#6
bis(2-Chloroethyl)ether
Concen: 0.061 ng
RT: 7.484 min Scan# 583
Delta R.T. 0.000 min
Lab File: BN021564.D
Acq: 02 Sep 2022 16:46

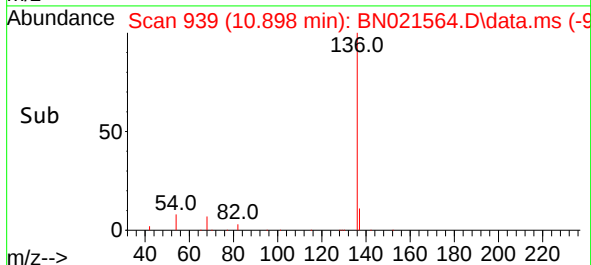
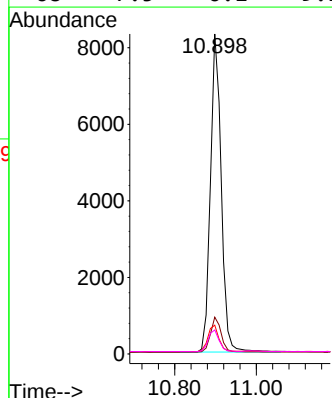
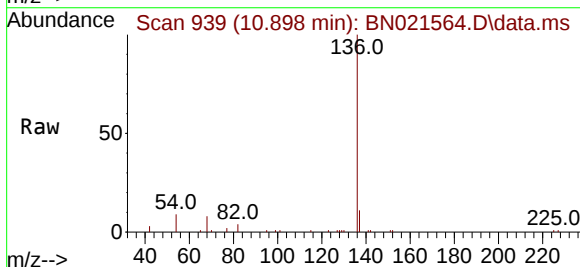
Instrument :
BNA_N
ClientSampleId :
RE114D1-20220825

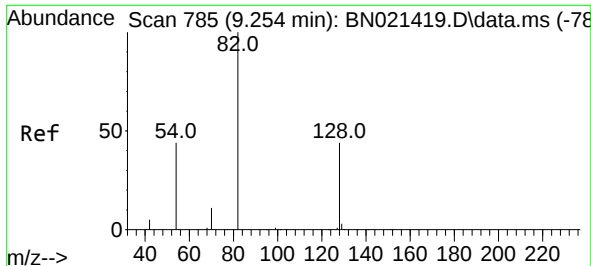
Tgt Ion:	93	Resp:	935
Ion	Ratio	Lower	Upper
93	100		
63	76.1	57.8	86.8
95	31.9	25.9	38.9



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.898 min Scan# 939
Delta R.T. 0.000 min
Lab File: BN021564.D
Acq: 02 Sep 2022 16:46

Tgt Ion:	136	Resp:	15273
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.3	13.9
54	9.0	6.9	10.3
68	7.5	6.1	9.1

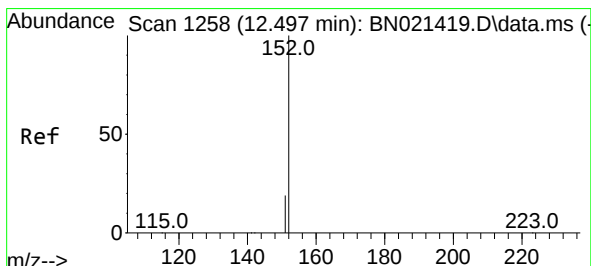
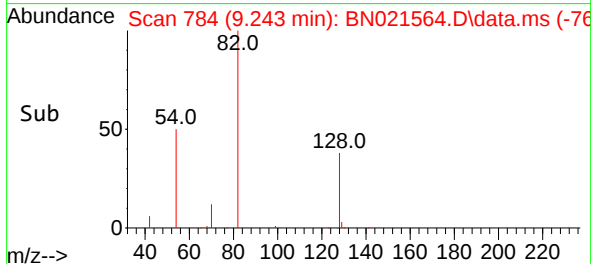
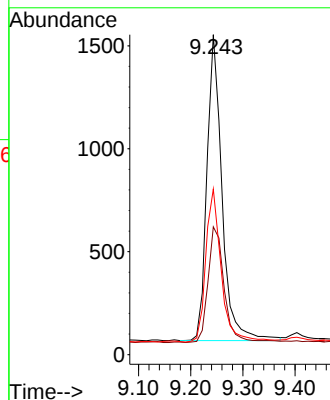
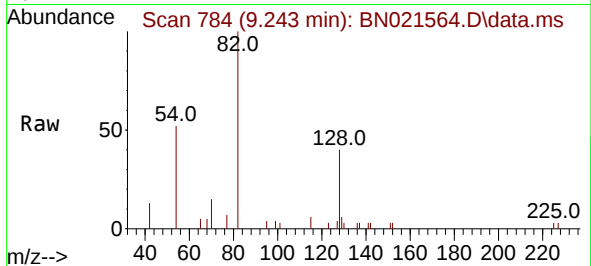




#8
Nitrobenzene-d5
Concen: 0.290 ng
RT: 9.243 min Scan# 785
Delta R.T. 0.000 min
Lab File: BN021564.D
Acq: 02 Sep 2022 16:46

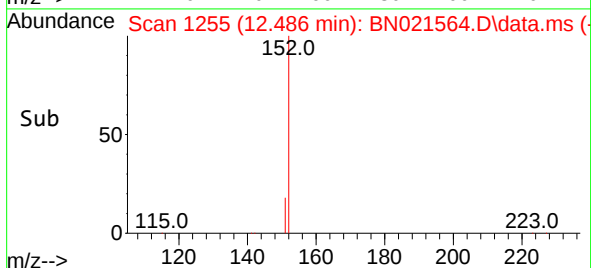
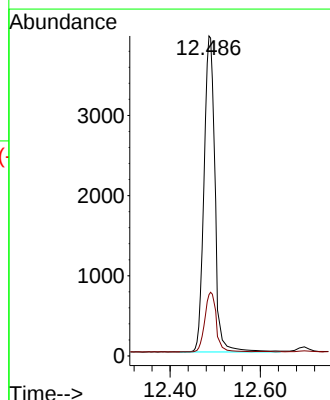
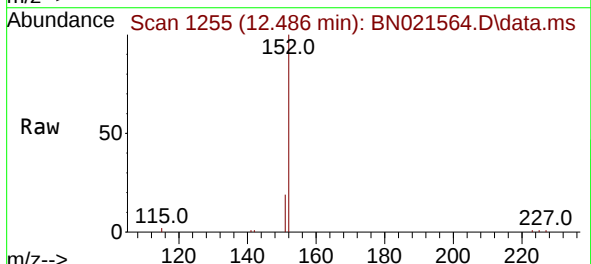
Instrument :
BNA_N
ClientSampleId :
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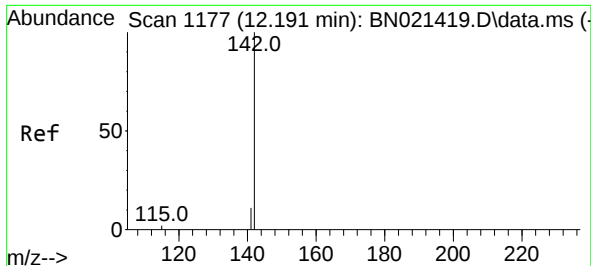
Tgt Ion: 82 Resp: 2988
Ion Ratio Lower Upper
82 100
128 40.0 30.9 46.3
54 51.7 42.7 64.1



#11
2-Methylnaphthalene-d10
Concen: 0.308 ng
RT: 12.486 min Scan# 1255
Delta R.T. 0.000 min
Lab File: BN021564.D
Acq: 02 Sep 2022 16:46

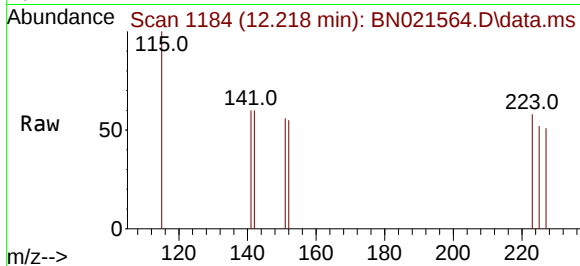
Tgt Ion: 152 Resp: 10610
Ion Ratio Lower Upper
152 100
151 17.7 14.5 21.7



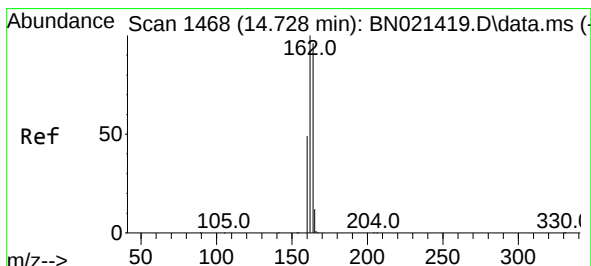
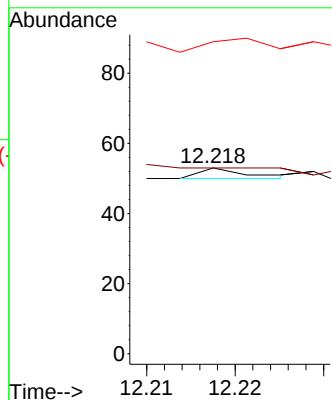
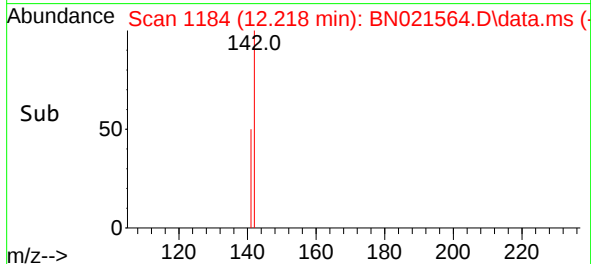


#12
2-Methylnaphthalene
Concen: 0.127 ng
RT: 12.218 min Scan# 1177
Delta R.T. 0.034 min
Lab File: BN021564.D
Acq: 02 Sep 2022 16:46

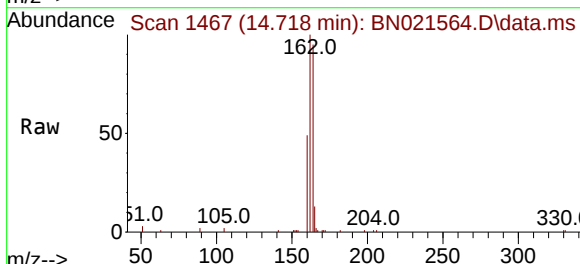
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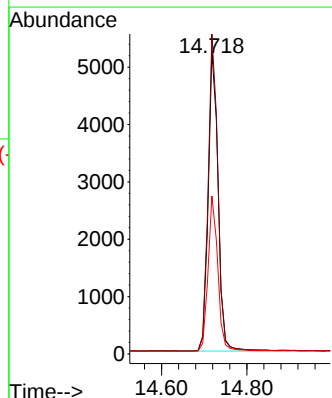
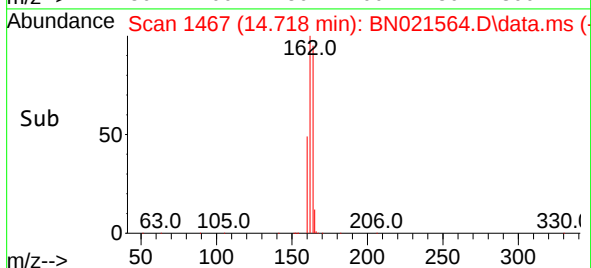
Tgt Ion:142 Resp: 1
Ion Ratio Lower Upper
142 100
141 100.0 12.2 18.2#
115 167.9 7.9 11.9#

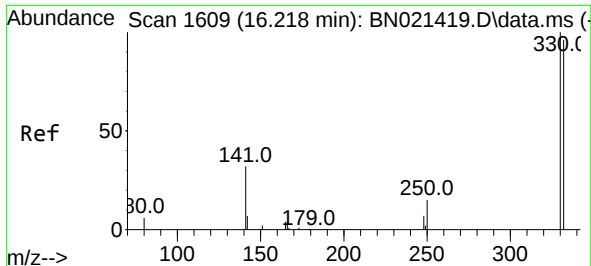


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.718 min Scan# 1467
Delta R.T. 0.000 min
Lab File: BN021564.D
Acq: 02 Sep 2022 16:46



Tgt Ion:164 Resp: 8393
Ion Ratio Lower Upper
164 100
162 105.6 82.2 123.4
160 52.1 39.5 59.3

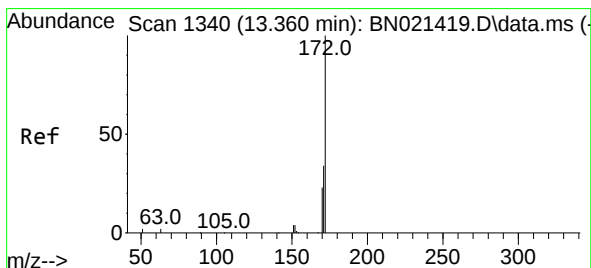
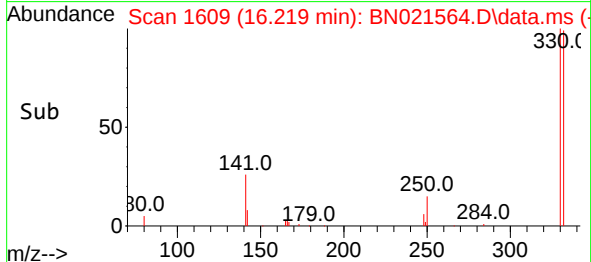
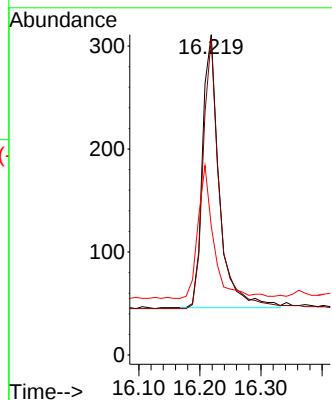
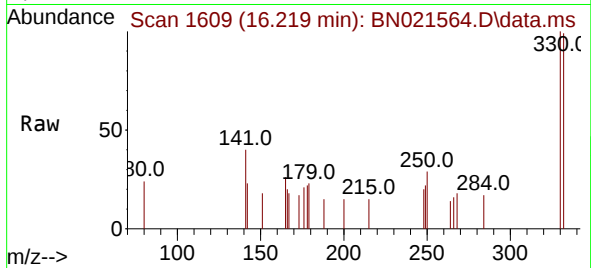




#14
2,4,6-Tribromophenol
Concen: 0.184 ng
RT: 16.219 min Scan# 1609
Delta R.T. 0.000 min
Lab File: BN021564.D
Acq: 02 Sep 2022 16:46

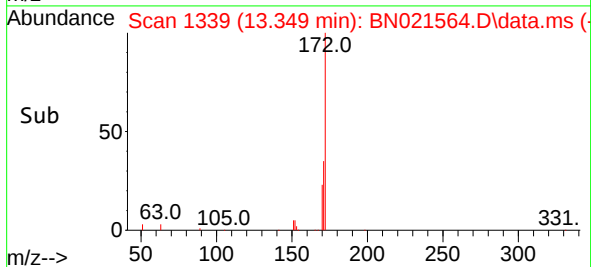
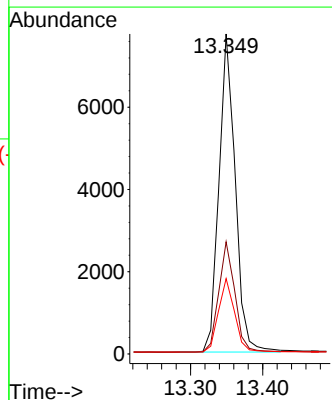
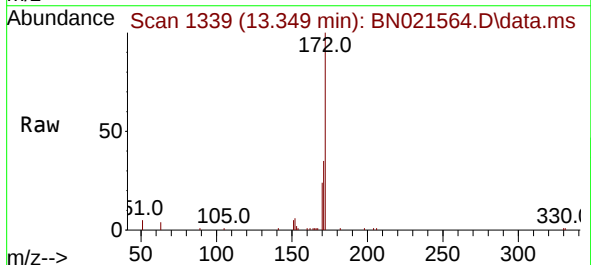
Instrument :
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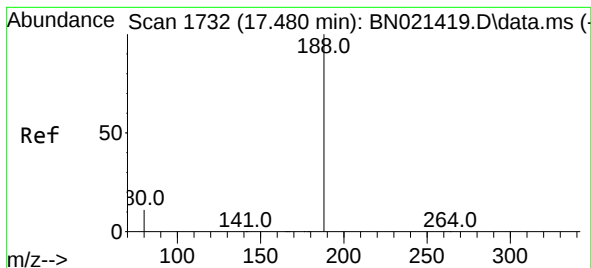
Tgt Ion:330 Resp: 507
Ion Ratio Lower Upper
330 100
332 96.8 79.3 118.9
141 46.2 37.1 55.7



#15
2-Fluorobiphenyl
Concen: 0.329 ng
RT: 13.349 min Scan# 1339
Delta R.T. 0.000 min
Lab File: BN021564.D
Acq: 02 Sep 2022 16:46

Tgt Ion:172 Resp: 12088
Ion Ratio Lower Upper
172 100
171 35.1 27.8 41.6
170 23.6 18.6 28.0





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.470 min Scan# 1731

Delta R.T. 0.000 min

Lab File: BN021564.D

Acq: 02 Sep 2022 16:46

Instrument :

BNA_N

ClientSampleId :

RE114D1-20220825

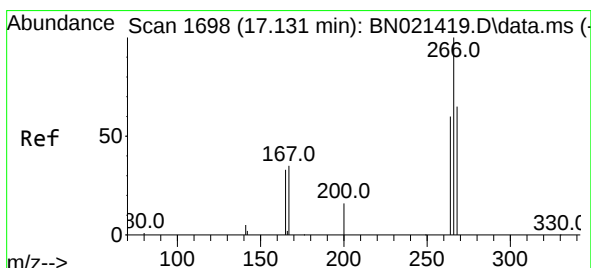
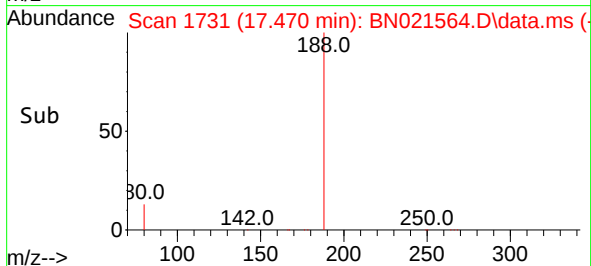
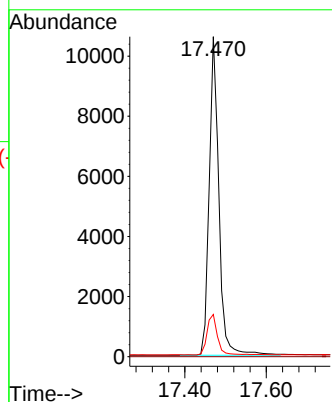
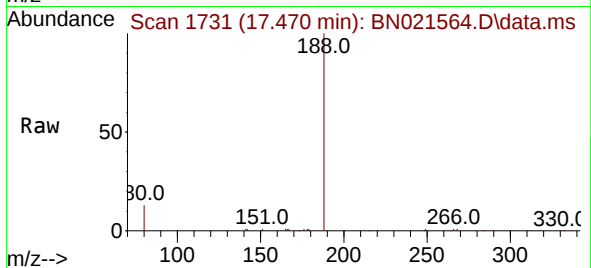
Tgt Ion:188 Resp: 17538

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.2 9.5 14.3



#24

Pentachlorophenol

Concen: 0.204 ng

RT: 17.131 min Scan# 1698

Delta R.T. 0.010 min

Lab File: BN021564.D

Acq: 02 Sep 2022 16:46

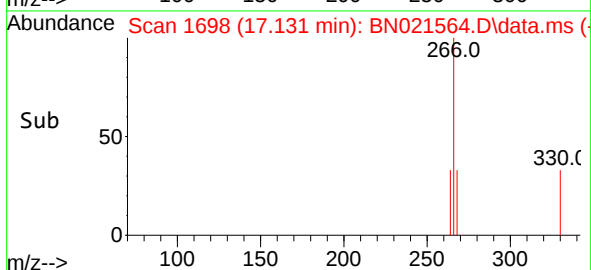
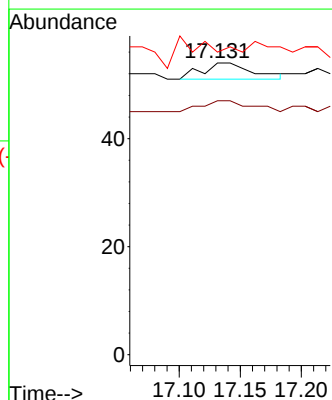
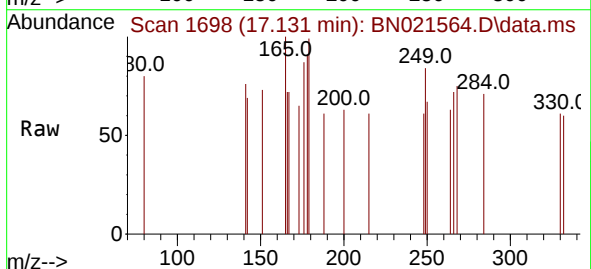
Tgt Ion:266 Resp: 9

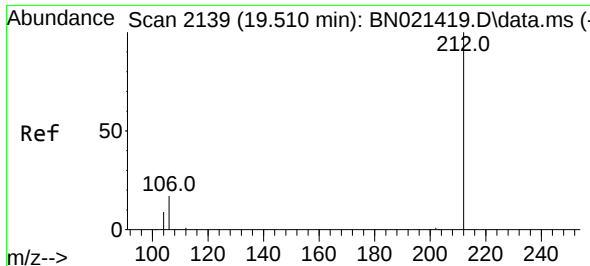
Ion Ratio Lower Upper

266 100

264 66.7 49.0 73.6

268 0.0 50.9 76.3#

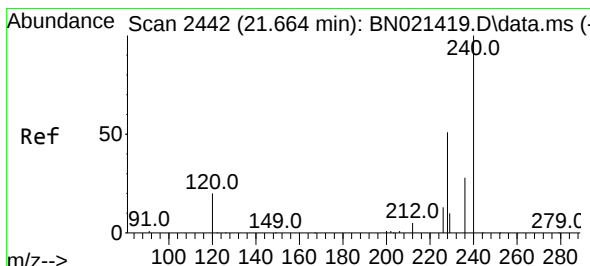
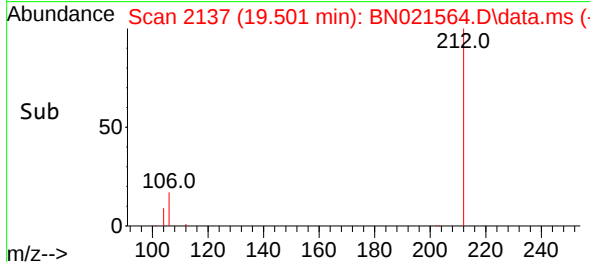
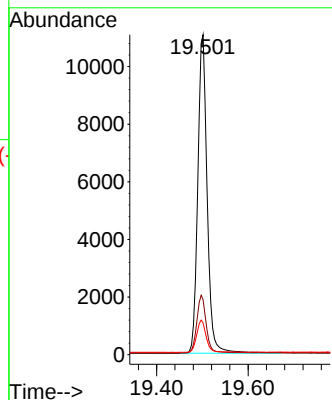
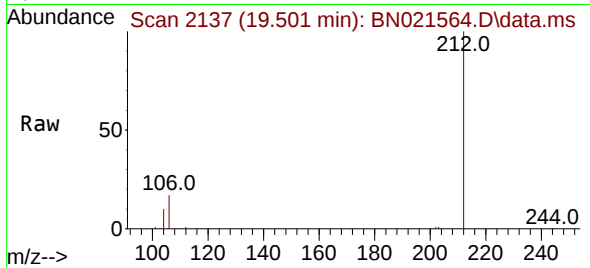




#27
Fluoranthene-d10
Concen: 0.351 ng
RT: 19.501 min Scan# 2137
Delta R.T. 0.000 min
Lab File: BN021564.D
Acq: 02 Sep 2022 16:46

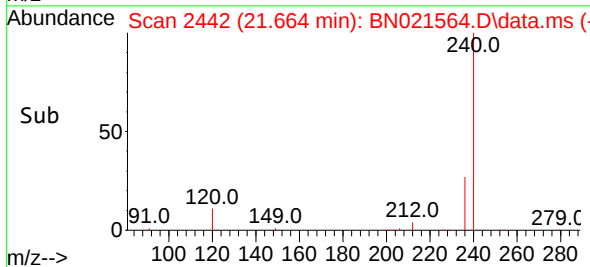
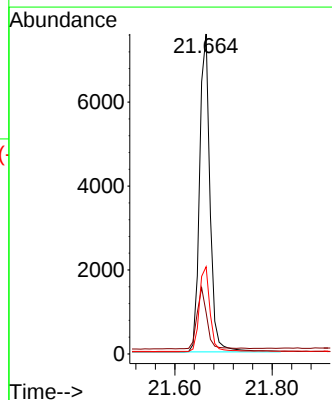
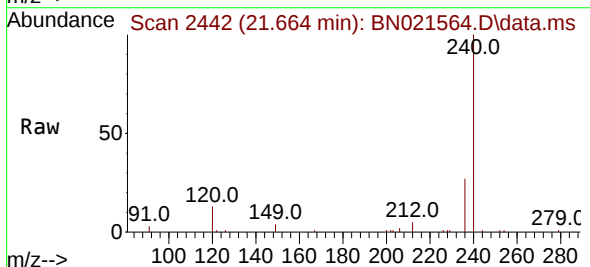
Instrument :
BNA_N
ClientSampleId :
RE114D1-20220825

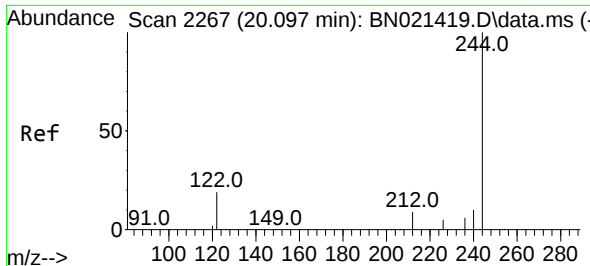
Tgt Ion:212 Resp: 15817
Ion Ratio Lower Upper
212 100
106 18.0 14.2 21.2
104 10.1 7.8 11.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.664 min Scan# 2442
Delta R.T. 0.000 min
Lab File: BN021564.D
Acq: 02 Sep 2022 16:46

Tgt Ion:240 Resp: 11199
Ion Ratio Lower Upper
240 100
120 13.0 10.2 15.4
236 27.2 22.1 33.1

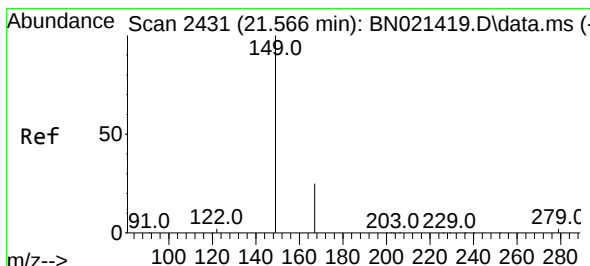
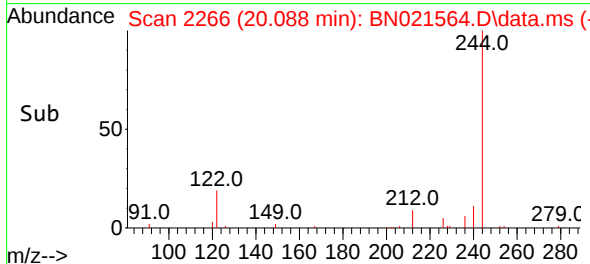
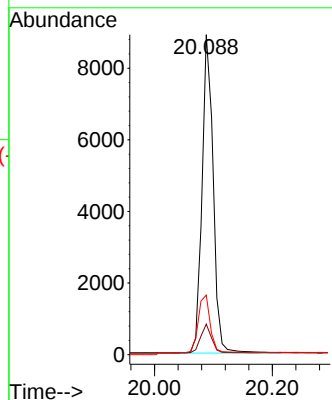
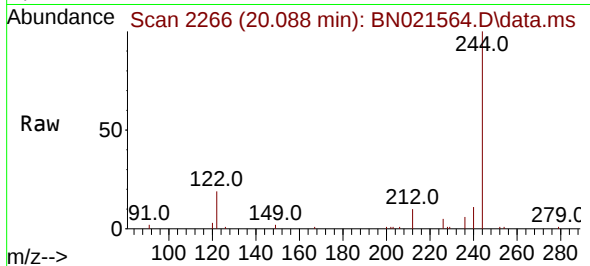




#31
 Terphenyl-d14
 Concen: 0.463 ng
 RT: 20.088 min Scan# 211
 Delta R.T. -0.009 min
 Lab File: BN021564.D
 Acq: 02 Sep 2022 16:46

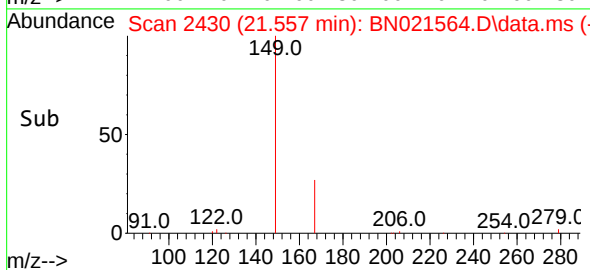
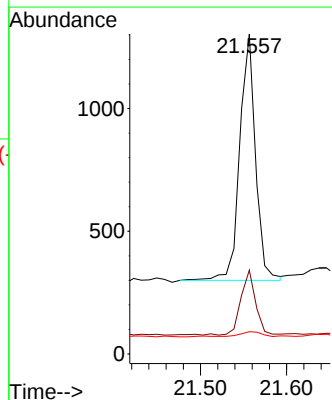
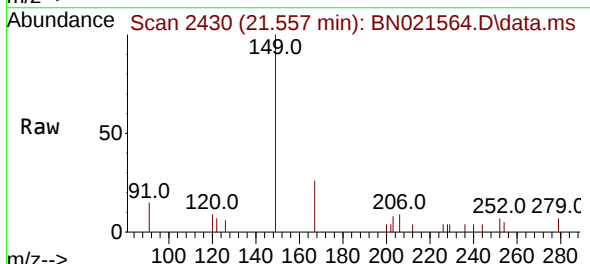
Instrument :
 BNA_N
 ClientSampleId :
 RE114D1-20220825

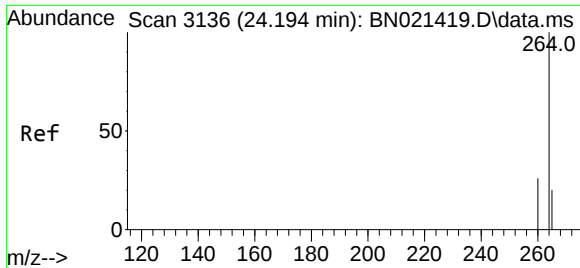
Tgt Ion:244 Resp: 11664
 Ion Ratio Lower Upper
 244 100
 212 9.6 6.5 9.7
 122 18.6 9.1 13.7#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.082 ng
 RT: 21.557 min Scan# 2430
 Delta R.T. 0.000 min
 Lab File: BN021564.D
 Acq: 02 Sep 2022 16:46

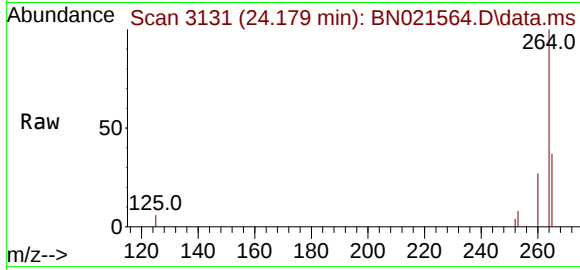
Tgt Ion:149 Resp: 1282
 Ion Ratio Lower Upper
 149 100
 167 24.7 21.4 32.0
 279 2.6 2.2 3.2





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.179 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BN021564.D
 Acq: 02 Sep 2022 16:46

Instrument :
 BNA_N
 ClientSampleId :
 RE114D1-20220825



Tgt Ion:264 Resp: 7898
 Ion Ratio Lower Upper
 264 100
 260 27.3 21.0 31.6
 265 37.1 32.2 48.2

