

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062822\
 Data File : BN020544.D
 Acq On : 28 Jun 2022 21:24
 Operator : CG/JU
 Sample : N3386-15 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE134D2-20220616DL

Quant Time: Jun 29 00:19:16 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 27 02:03:21 2022
 Response via : Initial Calibration

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

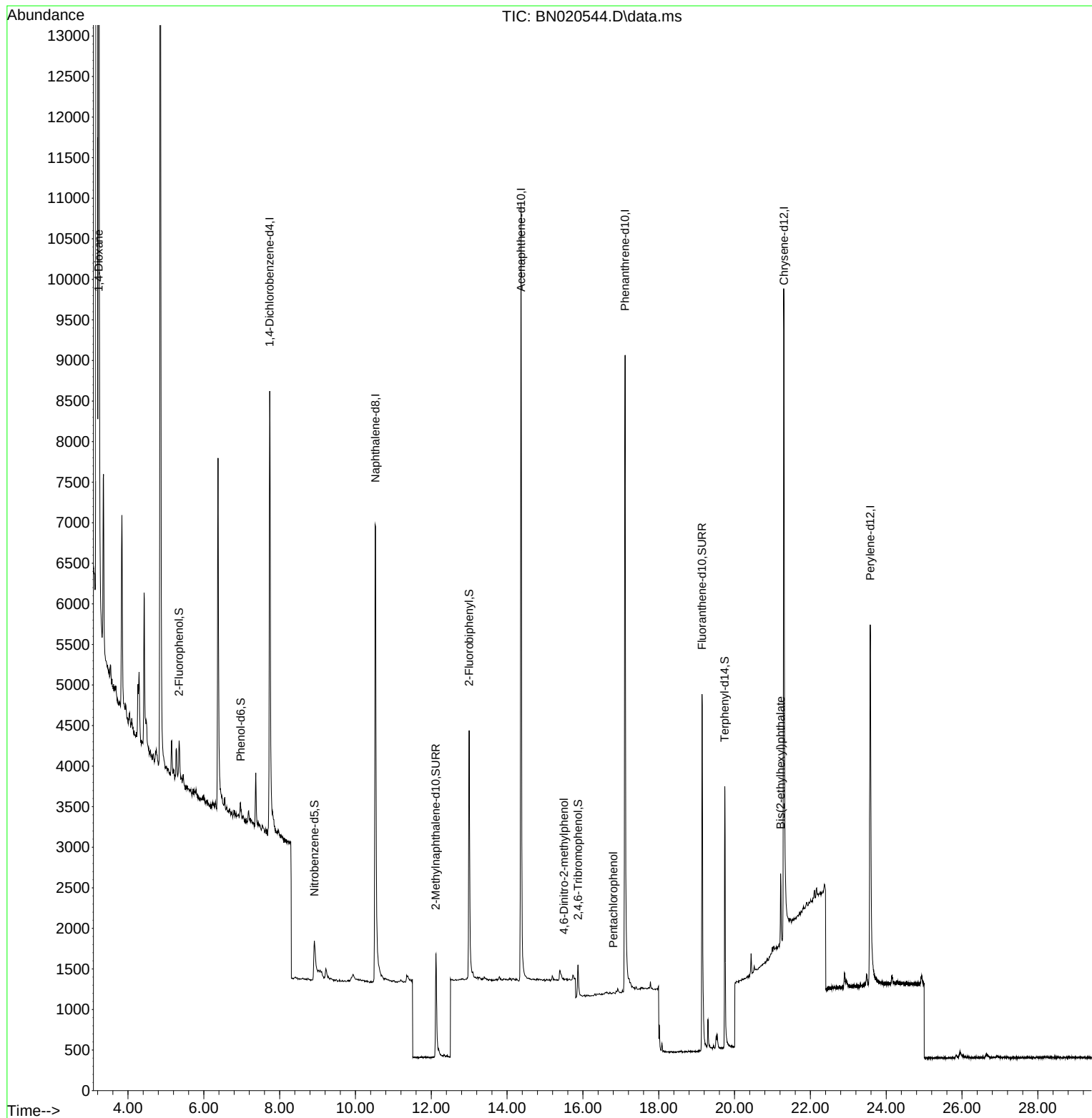
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.739	152	3518	0.400	ng	0.00
7) Naphthalene-d8	10.530	136	10532	0.400	ng	0.01
13) Acenaphthene-d10	14.367	164	6112	0.400	ng	0.00
19) Phenanthrene-d10	17.113	188	13171	0.400	ng	0.00
29) Chrysene-d12	21.306	240	10119	0.400	ng	# 0.00
35) Perylene-d12	23.580	264	7562	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	578	0.059	ng	0.00
5) Phenol-d6	6.973	99	279	0.024	ng	0.03
8) Nitrobenzene-d5	8.918	82	952	0.112	ng	0.02
11) 2-Methylnaphthalene-d10	12.121	152	2571	0.142	ng	0.00
14) 2,4,6-Tribromophenol	15.872	330	273	0.119	ng	0.01
15) 2-Fluorobiphenyl	12.998	172	3353	0.133	ng	0.00
27) Fluoranthene-d10	19.143	212	6010	0.154	ng	0.00
31) Terphenyl-d14	19.742	244	4140	0.171	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.225	88	16548	3.589	ng	Qvalue 93
20) 4,6-Dinitro-2-methylph...	15.500	198	10	0.229	ng	# 1
24) Pentachlorophenol	16.805	266	12	0.188	ng	# 69
34) Bis(2-ethylhexyl)phtha...	21.216	149	1010	0.050	ng	# 93

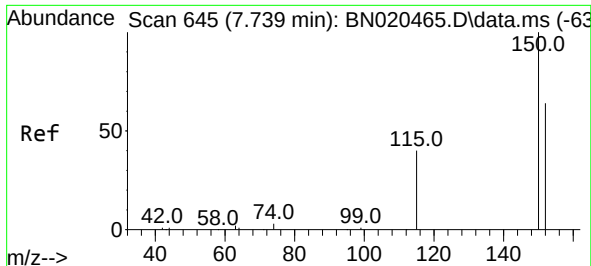
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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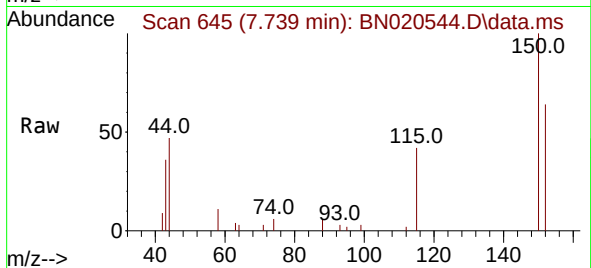
Quant Time: Jun 29 00:19:16 2022
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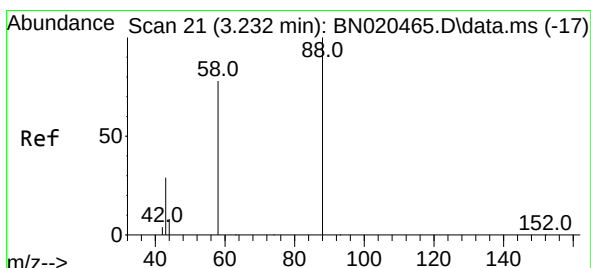
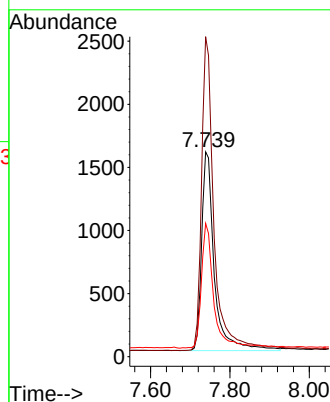
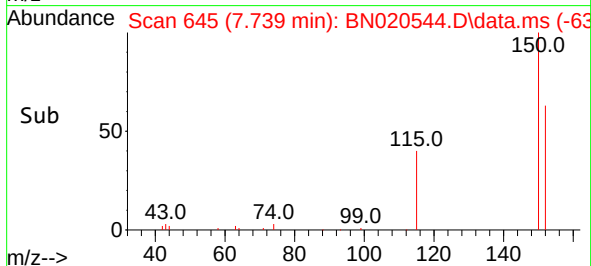


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.739 min Scan# 64
 Delta R.T. -0.000 min
 Lab File: BN020544.D
 Acq: 28 Jun 2022 21:24

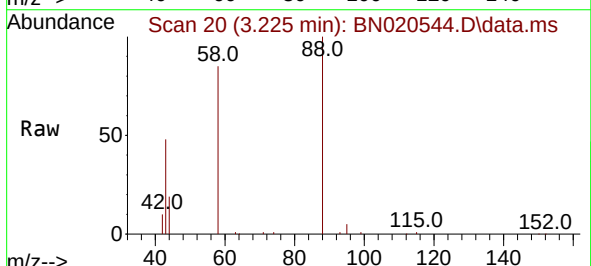
Instrument :
 BNA_N
 ClientSampleId :
 RE134D2-20220616DL



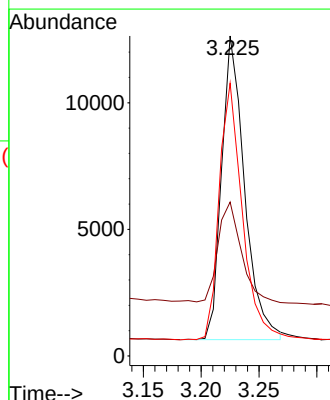
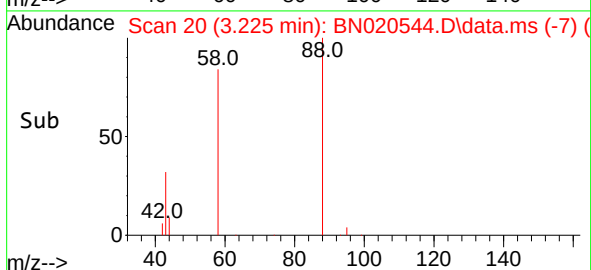
Tgt Ion:152 Resp: 3518
 Ion Ratio Lower Upper
 152 100
 150 156.3 127.9 191.9
 115 65.1 51.4 77.2

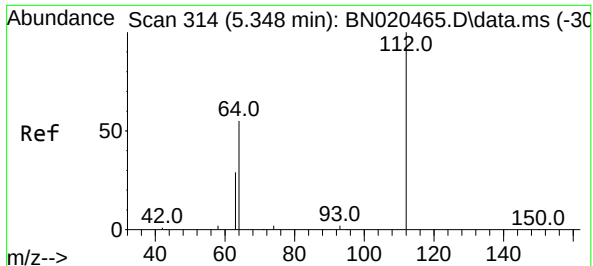


#2
 1,4-Dioxane
 Concen: 3.589 ng
 RT: 3.225 min Scan# 20
 Delta R.T. -0.007 min
 Lab File: BN020544.D
 Acq: 28 Jun 2022 21:24



Tgt Ion: 88 Resp: 16548
 Ion Ratio Lower Upper
 88 100
 43 33.4 30.2 45.2
 58 85.0 73.0 109.6





#4

2-Fluorophenol

Concen: 0.059 ng

RT: 5.348 min Scan# 314

Delta R.T. -0.000 min

Lab File: BN020544.D

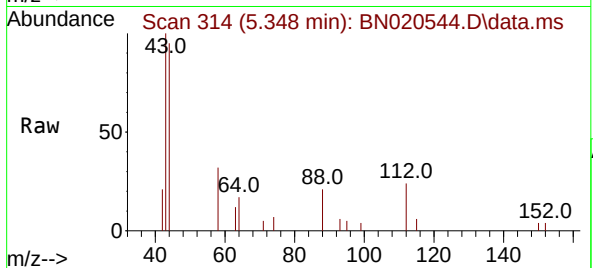
Acq: 28 Jun 2022 21:24

Instrument :

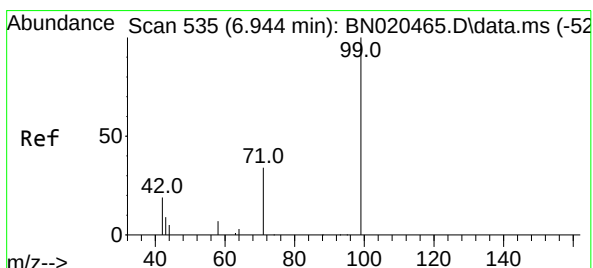
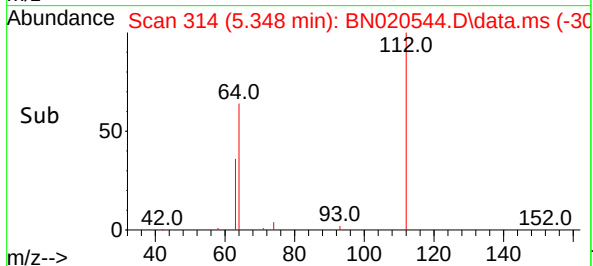
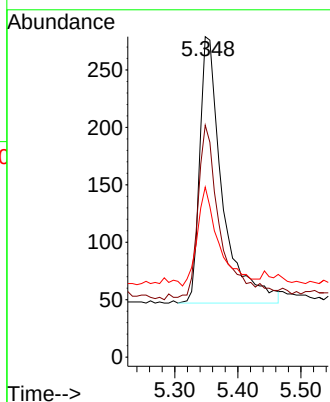
BNA_N

ClientSampleId :

RE134D2-20220616DL



Tgt Ion:	112	Resp:	578
Ion	Ratio	Lower	Upper
112	100		
64	63.1	49.1	73.7
63	35.5	26.3	39.5



#5

Phenol-d6

Concen: 0.024 ng

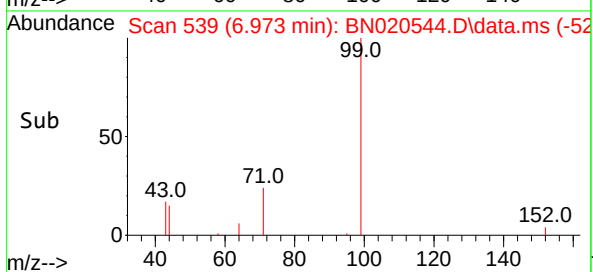
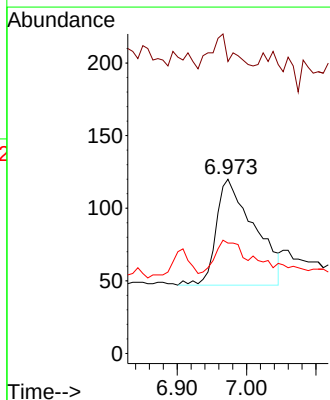
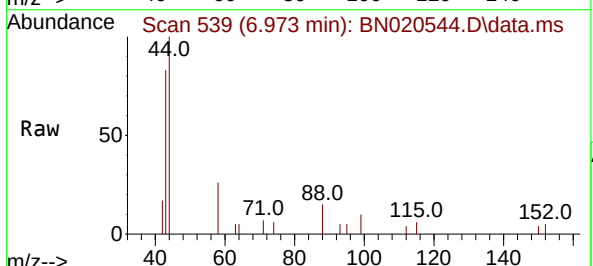
RT: 6.973 min Scan# 539

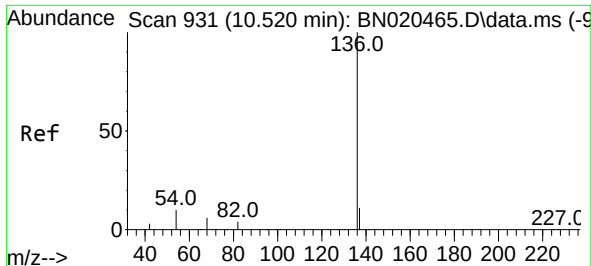
Delta R.T. 0.029 min

Lab File: BN020544.D

Acq: 28 Jun 2022 21:24

Tgt Ion:	99	Resp:	279
Ion	Ratio	Lower	Upper
99	100		
42	17.6	19.3	28.9#
71	21.1	27.5	41.3#

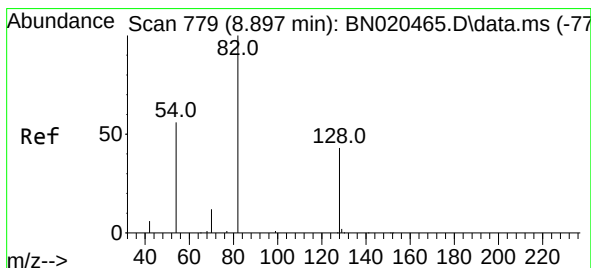
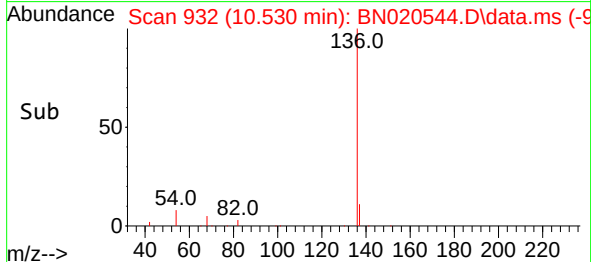
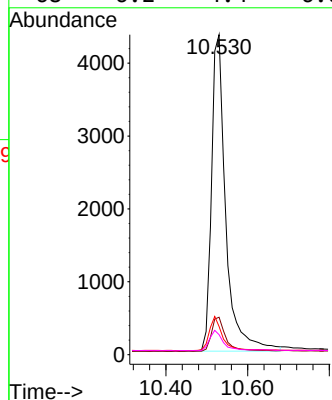
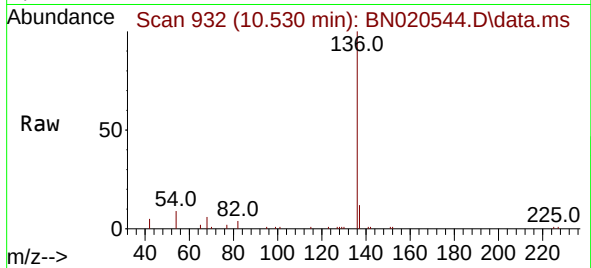




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.530 min Scan# 91
Delta R.T. 0.011 min
Lab File: BN020544.D
Acq: 28 Jun 2022 21:24

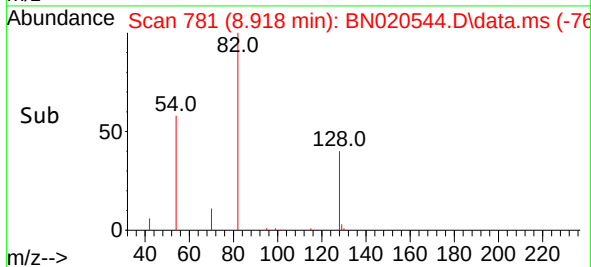
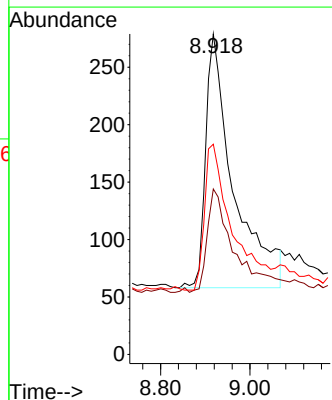
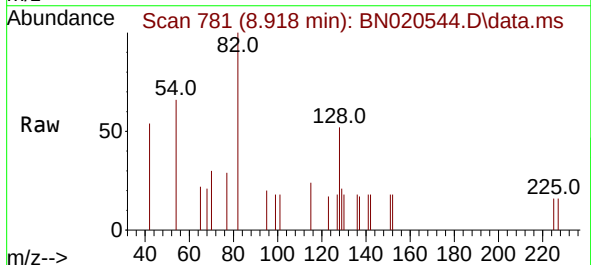
Instrument :
BNA_N
ClientSampleId :
RE134D2-20220616DL

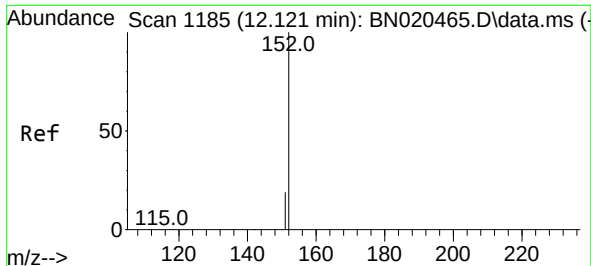
Tgt Ion:	136	Resp:	10532
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.0	13.6
54	8.8	6.2	9.2
68	6.2	4.4	6.6



#8
Nitrobenzene-d5
Concen: 0.112 ng
RT: 8.918 min Scan# 781
Delta R.T. 0.021 min
Lab File: BN020544.D
Acq: 28 Jun 2022 21:24

Tgt Ion:	82	Resp:	952
Ion	Ratio	Lower	Upper
82	100		
128	51.6	35.0	52.6
54	65.6	46.2	69.4

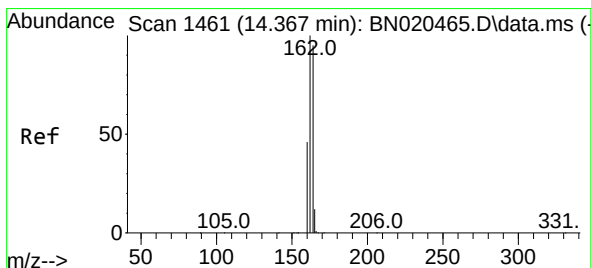
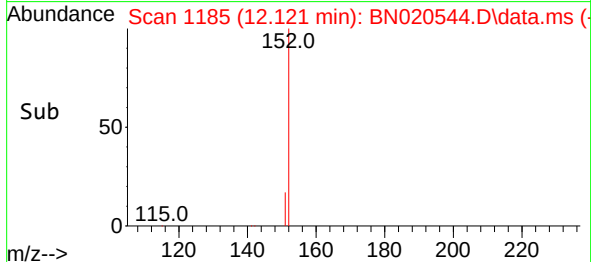
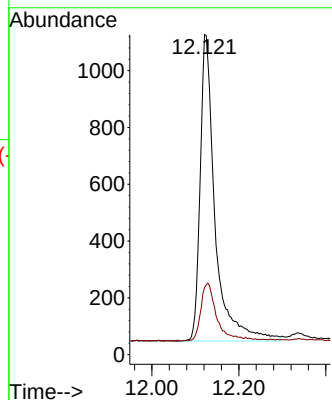
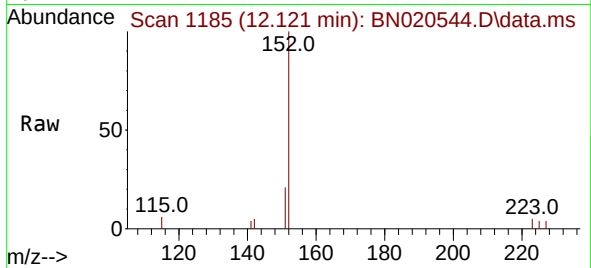




#11
2-Methylnaphthalene-d10
Concen: 0.142 ng
RT: 12.121 min Scan# 1185
Delta R.T. -0.000 min
Lab File: BN020544.D
Acq: 28 Jun 2022 21:24

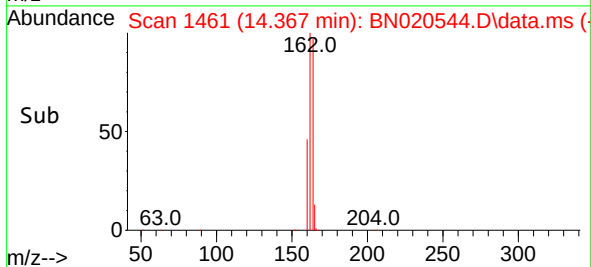
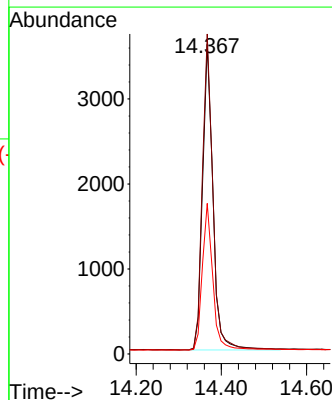
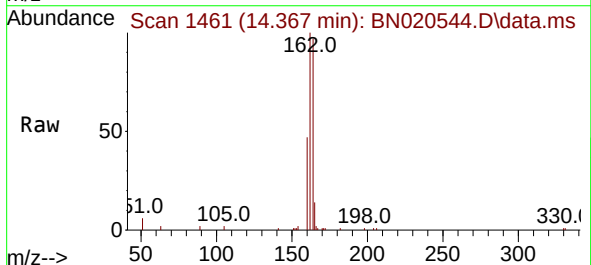
Instrument :
BNA_N
ClientSampleId :
RE134D2-20220616DL

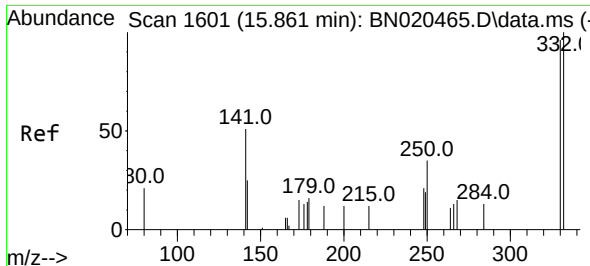
Tgt Ion:152 Resp: 2571
Ion Ratio Lower Upper
152 100
151 19.8 16.2 24.4



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.367 min Scan# 1461
Delta R.T. -0.000 min
Lab File: BN020544.D
Acq: 28 Jun 2022 21:24

Tgt Ion:164 Resp: 6112
Ion Ratio Lower Upper
164 100
162 103.3 82.1 123.1
160 48.6 38.6 58.0

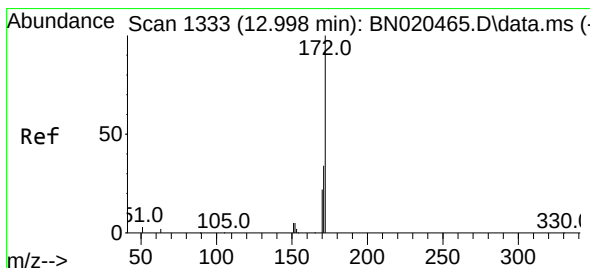
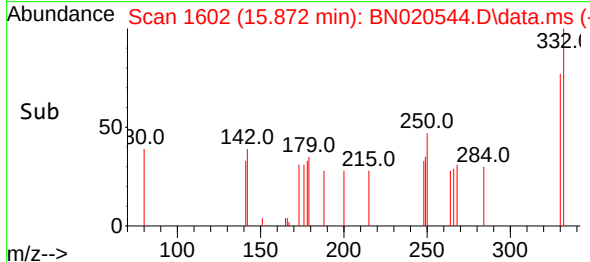
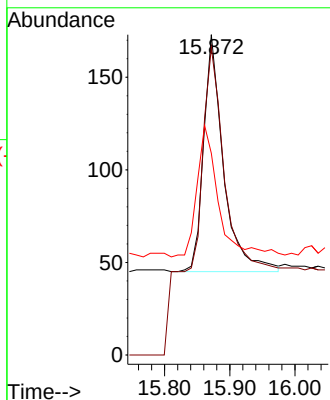
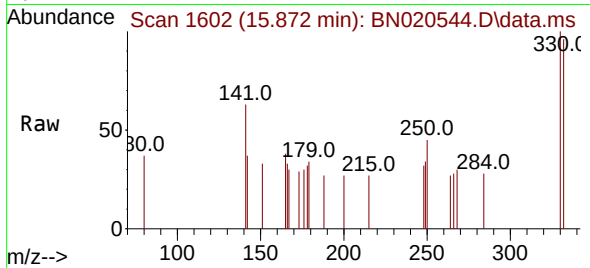




#14
2,4,6-Tribromophenol
Concen: 0.119 ng
RT: 15.872 min Scan# 1602
Delta R.T. 0.010 min
Lab File: BN020544.D
Acq: 28 Jun 2022 21:24

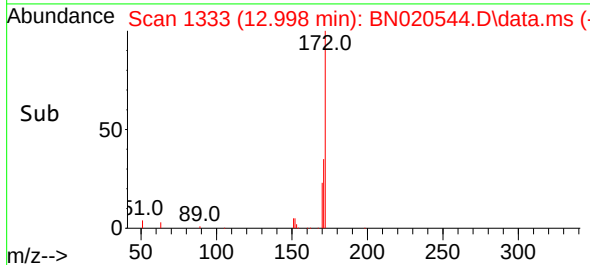
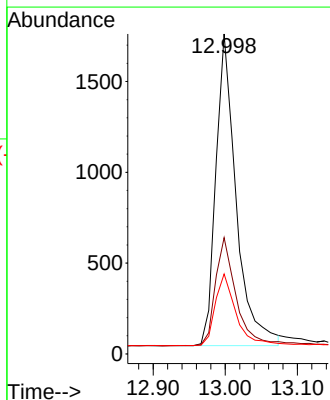
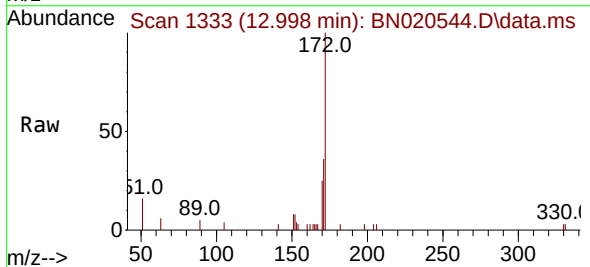
Instrument :
BNA_N
ClientSampleId :
RE134D2-20220616DL

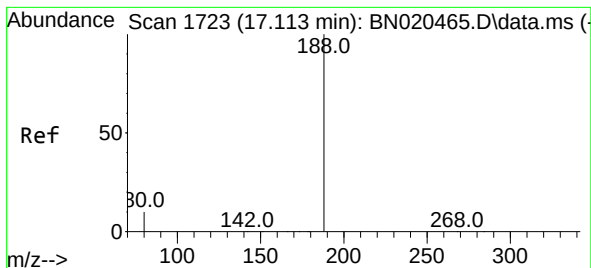
Tgt Ion:330 Resp: 273
Ion Ratio Lower Upper
330 100
332 271.8 77.6 116.4#
141 59.3 41.0 61.4



#15
2-Fluorobiphenyl
Concen: 0.133 ng
RT: 12.998 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BN020544.D
Acq: 28 Jun 2022 21:24

Tgt Ion:172 Resp: 3353
Ion Ratio Lower Upper
172 100
171 36.3 27.2 40.8
170 25.0 18.2 27.4





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.113 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN020544.D

Acq: 28 Jun 2022 21:24

Instrument :

BNA_N

ClientSampleId :

RE134D2-20220616DL

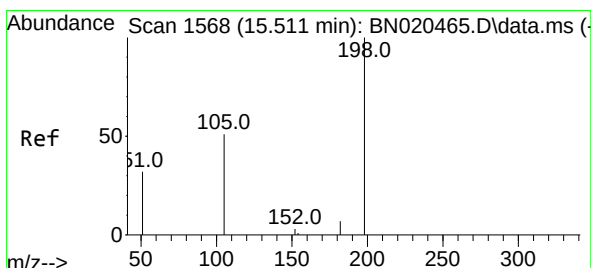
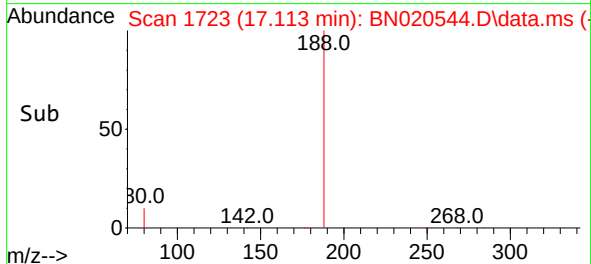
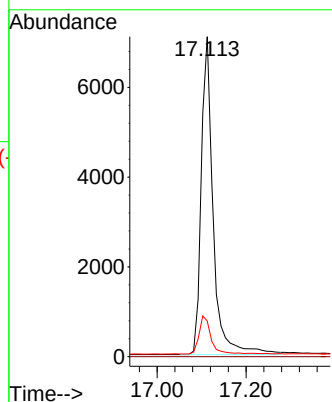
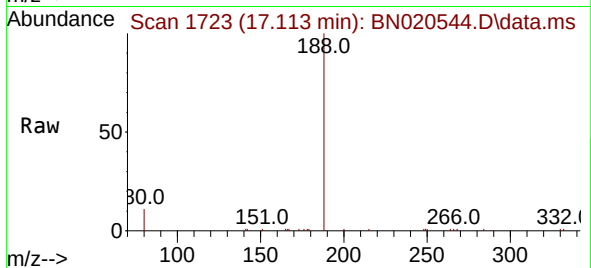
Tgt Ion:188 Resp: 13171

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.1 7.4 11.2



#20

4,6-Dinitro-2-methylphenol

Concen: 0.229 ng

RT: 15.500 min Scan# 1567

Delta R.T. -0.011 min

Lab File: BN020544.D

Acq: 28 Jun 2022 21:24

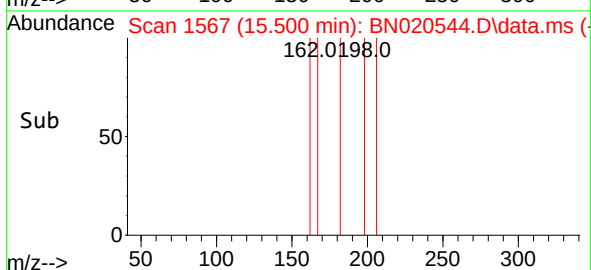
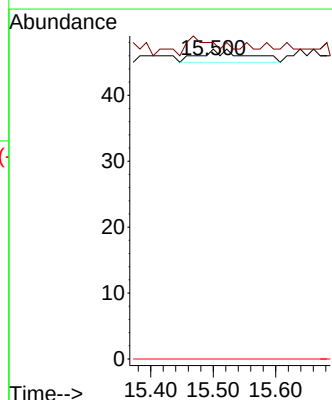
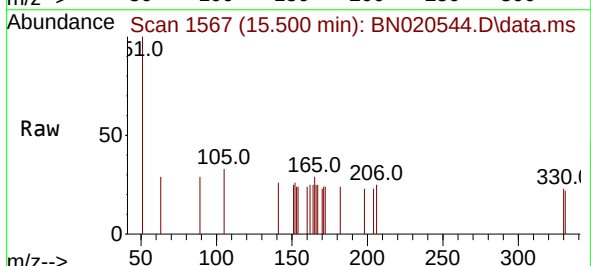
Tgt Ion:198 Resp: 10

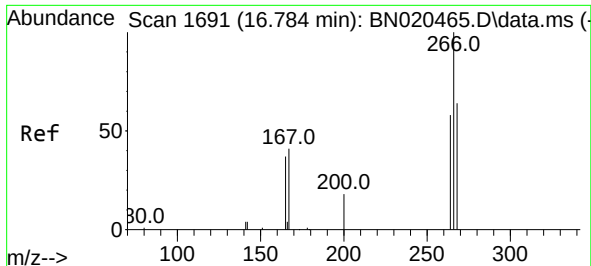
Ion Ratio Lower Upper

198 100

182 102.1 12.1 18.1#

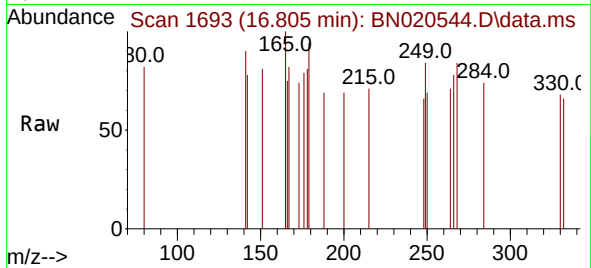
77 0.0 0.0 0.0



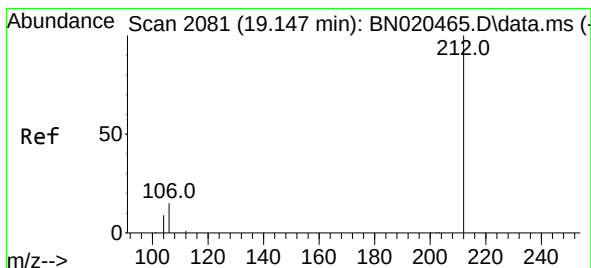
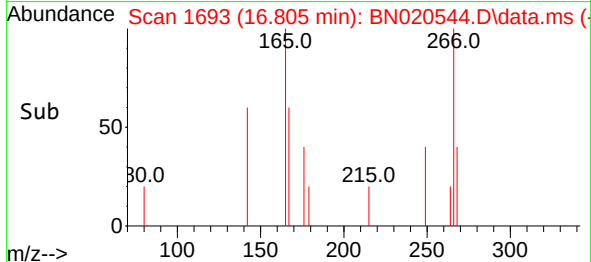
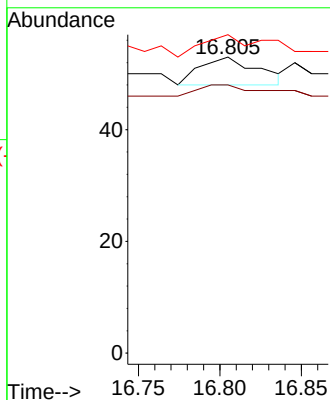


#24
Pentachlorophenol
Concen: 0.188 ng
RT: 16.805 min Scan# 1
Delta R.T. 0.021 min
Lab File: BN020544.D
Acq: 28 Jun 2022 21:24

Instrument :
BNA_N
ClientSampleId :
RE134D2-20220616DL

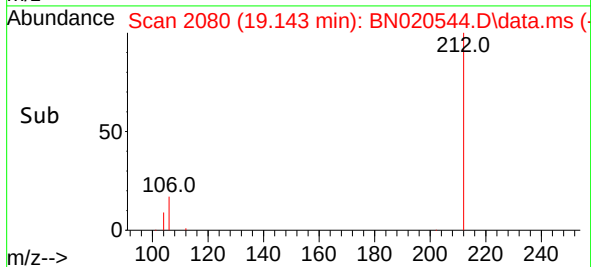
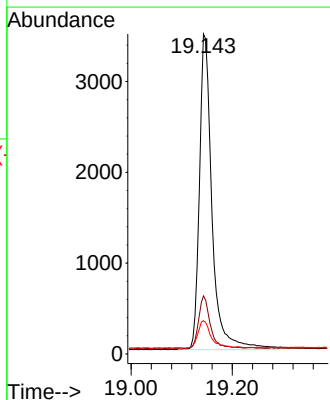
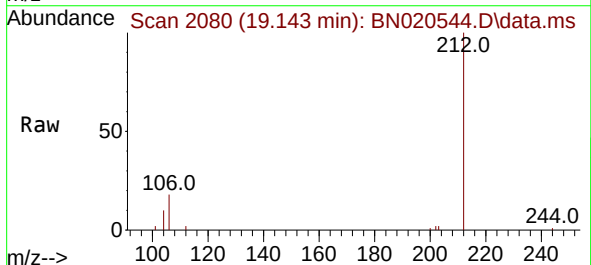


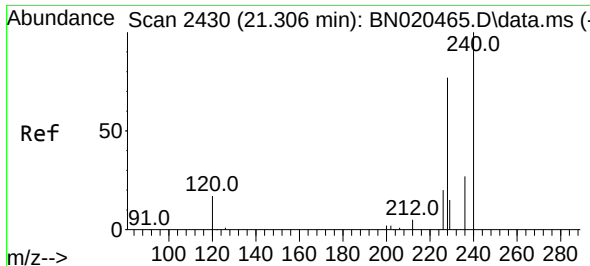
Tgt Ion:266 Resp: 12
Ion Ratio Lower Upper
266 100
264 50.0 51.3 76.9#
268 100.0 52.6 79.0#



#27
Fluoranthene-d10
Concen: 0.154 ng
RT: 19.143 min Scan# 2080
Delta R.T. -0.004 min
Lab File: BN020544.D
Acq: 28 Jun 2022 21:24

Tgt Ion:212 Resp: 6010
Ion Ratio Lower Upper
212 100
106 15.9 12.6 19.0
104 9.0 7.2 10.8

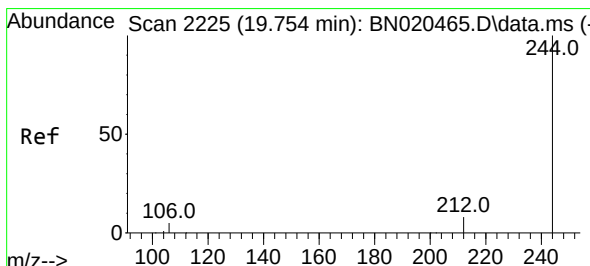
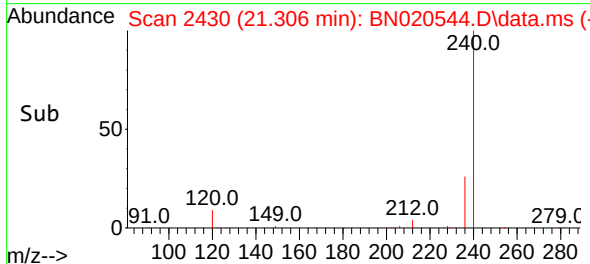
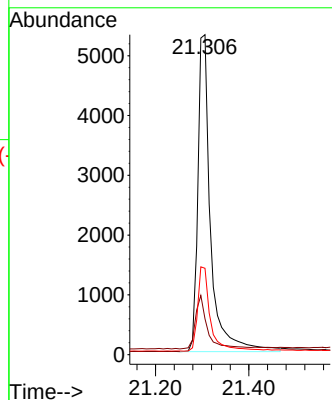
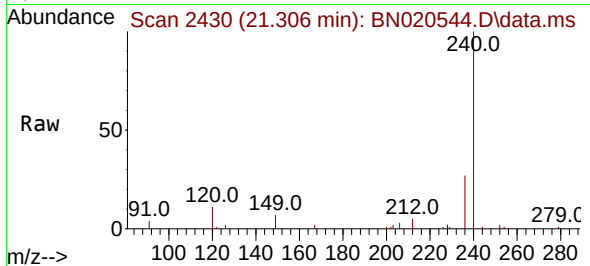




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.306 min Scan# 2430
Delta R.T. -0.000 min
Lab File: BN020544.D
Acq: 28 Jun 2022 21:24

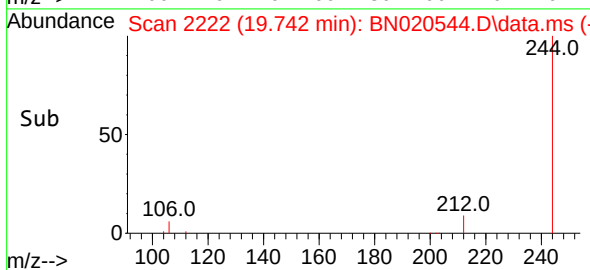
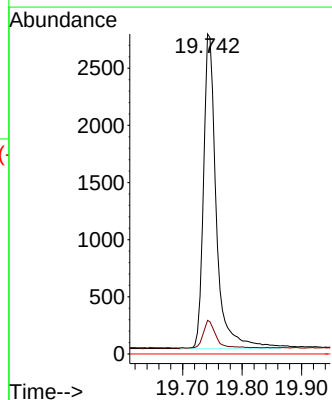
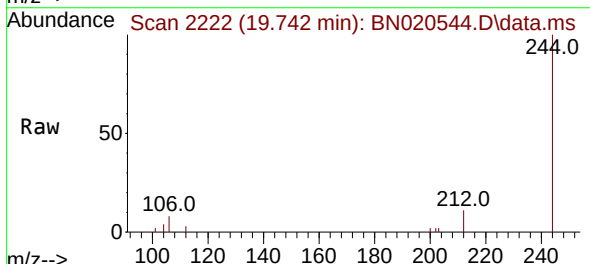
Instrument :
BNA_N
ClientSampleId :
RE134D2-20220616DL

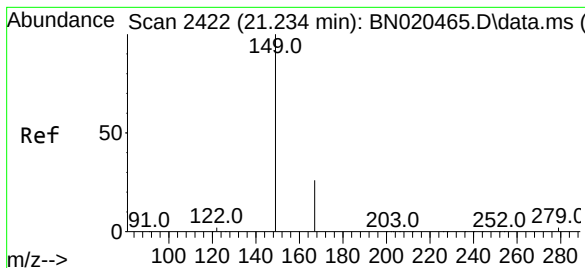
Tgt Ion:240 Resp: 10119
Ion Ratio Lower Upper
240 100
120 11.2 14.6 21.8#
236 27.0 22.6 33.8



#31
Terphenyl-d14
Concen: 0.171 ng
RT: 19.742 min Scan# 2222
Delta R.T. -0.013 min
Lab File: BN020544.D
Acq: 28 Jun 2022 21:24

Tgt Ion:244 Resp: 4140
Ion Ratio Lower Upper
244 100
212 10.5 7.1 10.7
122 0.0 0.0 0.0

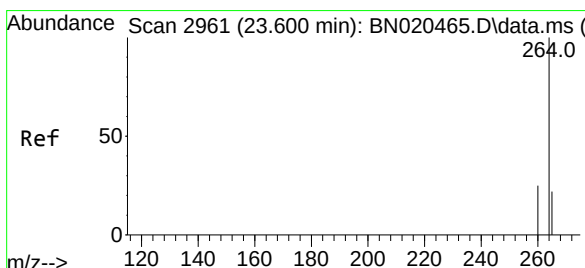
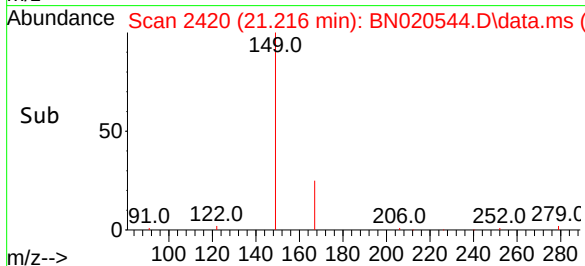
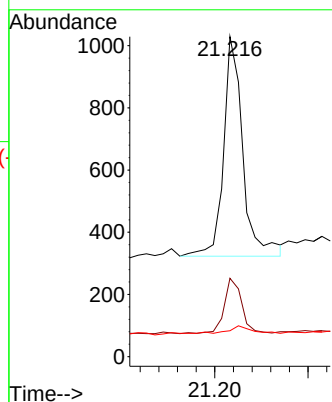
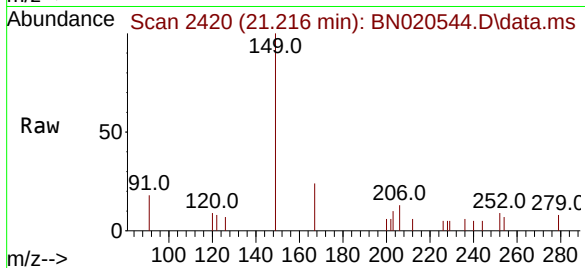




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.050 ng
 RT: 21.216 min Scan# 2422
 Delta R.T. -0.018 min
 Lab File: BN020544.D
 Acq: 28 Jun 2022 21:24

Instrument :
 BNA_N
 ClientSampleId :
 RE134D2-20220616DL

Tgt Ion:149 Resp: 1010
 Ion Ratio Lower Upper
 149 100
 167 23.2 21.7 32.5
 279 3.7 2.2 3.2#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.580 min Scan# 2954
 Delta R.T. -0.020 min
 Lab File: BN020544.D
 Acq: 28 Jun 2022 21:24

Tgt Ion:264 Resp: 7562
 Ion Ratio Lower Upper
 264 100
 260 26.6 20.9 31.3
 265 41.4 28.0 42.0

