

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090122\
 Data File : BN021539.D
 Acq On : 01 Sep 2022 23:34
 Operator : CG/JU
 Sample : N4357-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE137-20220823

Quant Time: Sep 02 01:02:08 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)

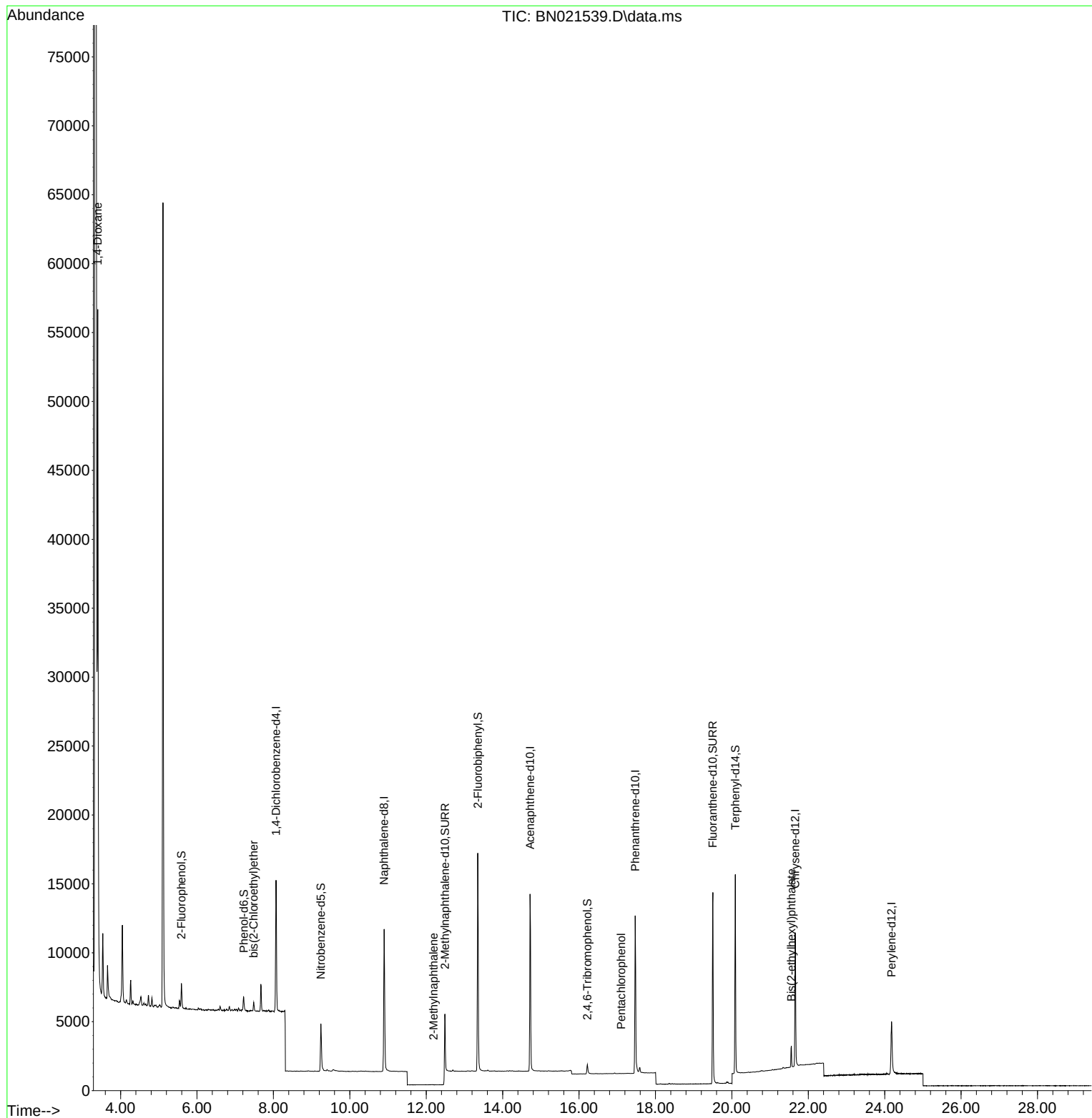
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.069	152	4627	0.400	ng	0.00
7) Naphthalene-d8	10.898	136	14167	0.400	ng	0.00
13) Acenaphthene-d10	14.718	164	7779	0.400	ng	0.00
19) Phenanthrene-d10	17.470	188	16038	0.400	ng	0.00
29) Chrysene-d12	21.655	240	9794	0.400	ng	# 0.00
35) Perylene-d12	24.179	264	6460	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.592	112	1569	0.173	ng	0.00
5) Phenol-d6	7.224	99	1149	0.100	ng	0.00
8) Nitrobenzene-d5	9.243	82	3162	0.330	ng	0.00
11) 2-Methylnaphthalene-d10	12.490	152	11570	0.362	ng	0.00
14) 2,4,6-Tribromophenol	16.219	330	488	0.191	ng	0.00
15) 2-Fluorobiphenyl	13.349	172	14246	0.419	ng	0.00
27) Fluoranthene-d10	19.501	212	15862	0.385	ng	0.00
31) Terphenyl-d14	20.088	244	12615	0.573	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.403	88	28009	4.840	ng	# 89
6) bis(2-Chloroethyl)ether	7.484	93	527	0.036	ng	99
12) 2-Methylnaphthalene	12.195	142	2	0.127	ng	# 1
24) Pentachlorophenol	17.101	266	4	0.203	ng	# 19
34) Bis(2-ethylhexyl)phtha...	21.557	149	1630	0.119	ng	96

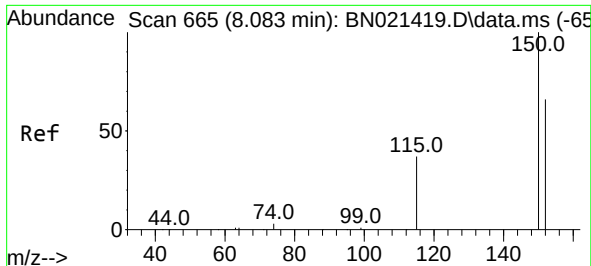
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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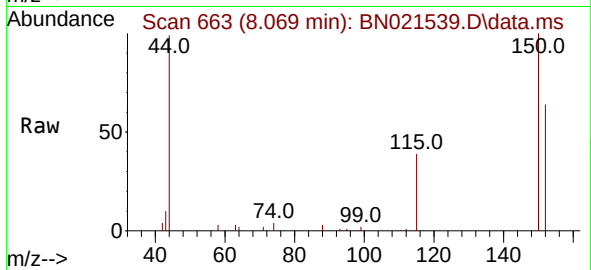
Quant Time: Sep 02 01:02:08 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 02 00:53:31 2022
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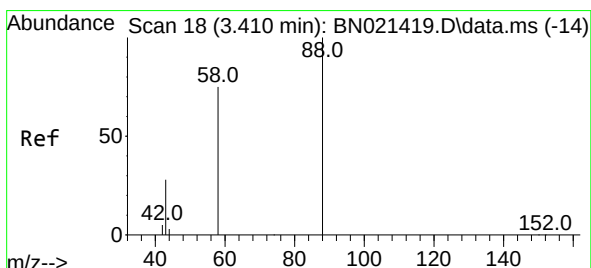
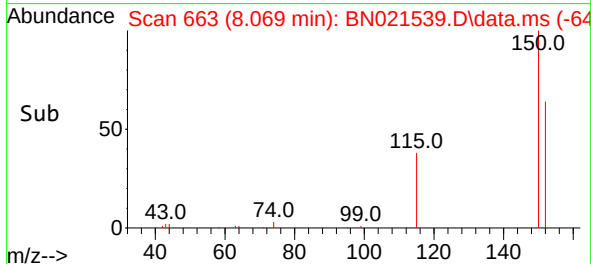
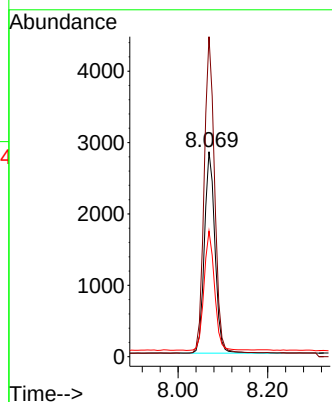
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.069 min Scan# 6
 Delta R.T. -0.000 min
 Lab File: BN021539.D
 Acq: 01 Sep 2022 23:34

Instrument :
 BNA_N
 ClientSampleId :
 RE137-20220823



Tgt Ion:152 Resp: 4627

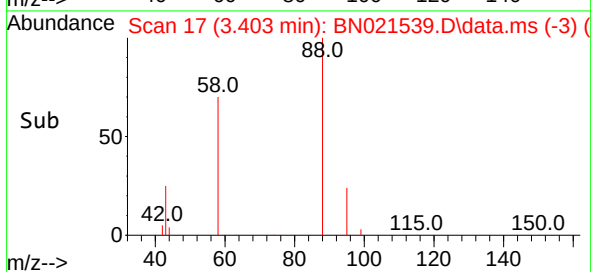
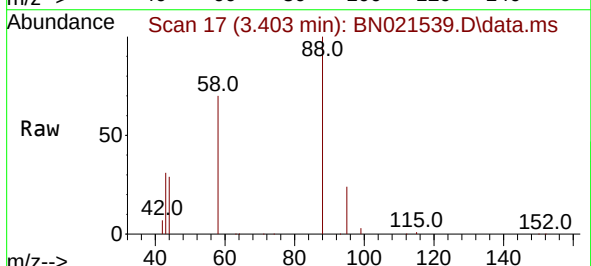
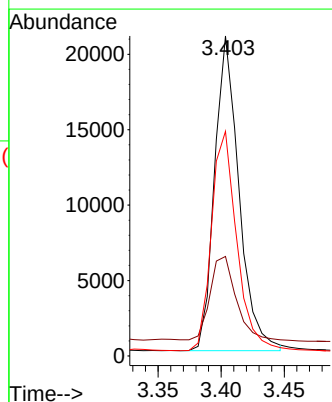
Ion	Ratio	Lower	Upper
152	100		
150	156.1	121.4	182.0
115	61.3	48.6	72.8

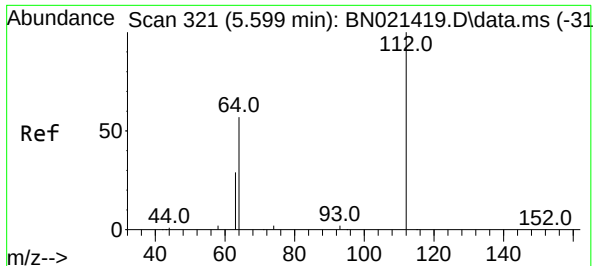


#2
 1,4-Dioxane
 Concen: 4.840 ng
 RT: 3.403 min Scan# 17
 Delta R.T. 0.000 min
 Lab File: BN021539.D
 Acq: 01 Sep 2022 23:34

Tgt Ion: 88 Resp: 28009

Ion	Ratio	Lower	Upper
88	100		
43	27.9	35.8	53.8#
58	72.4	57.1	85.7





#4

2-Fluorophenol

Concen: 0.173 ng

RT: 5.592 min Scan# 31

Delta R.T. 0.000 min

Lab File: BN021539.D

Acq: 01 Sep 2022 23:34

Instrument :

BNA_N

ClientSampleId :

RE137-20220823

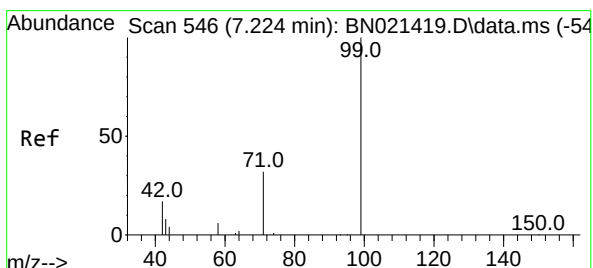
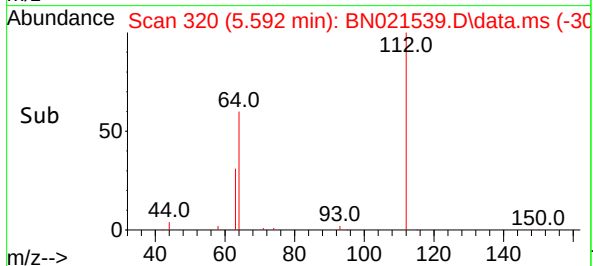
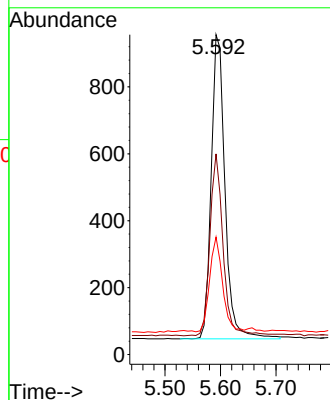
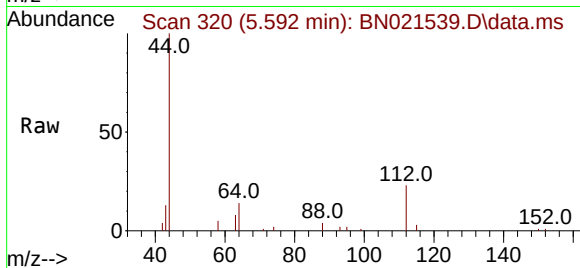
Tgt Ion:112 Resp: 1569

Ion Ratio Lower Upper

112 100

64 57.4 43.5 65.3

63 29.2 22.6 34.0



#5

Phenol-d6

Concen: 0.100 ng

RT: 7.224 min Scan# 546

Delta R.T. 0.007 min

Lab File: BN021539.D

Acq: 01 Sep 2022 23:34

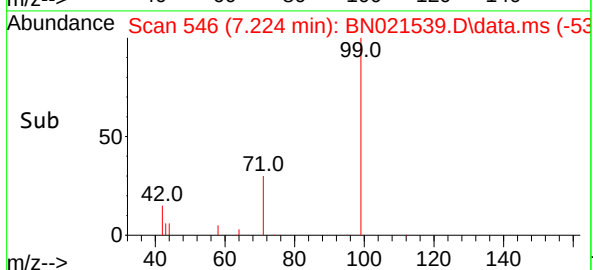
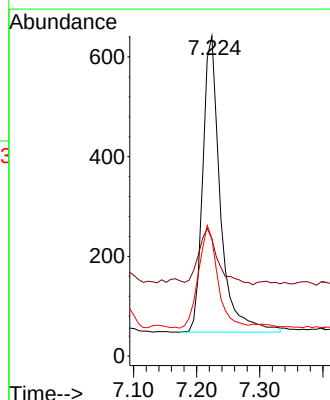
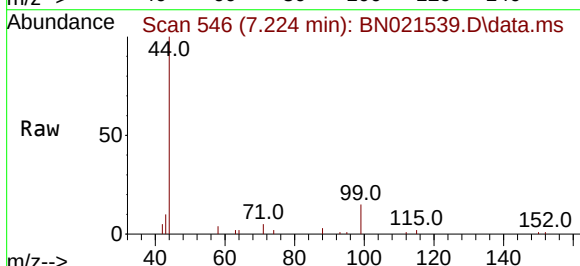
Tgt Ion: 99 Resp: 1149

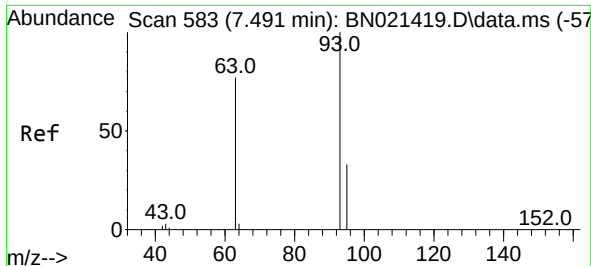
Ion Ratio Lower Upper

99 100

42 20.8 15.5 23.3

71 37.8 24.2 36.2#

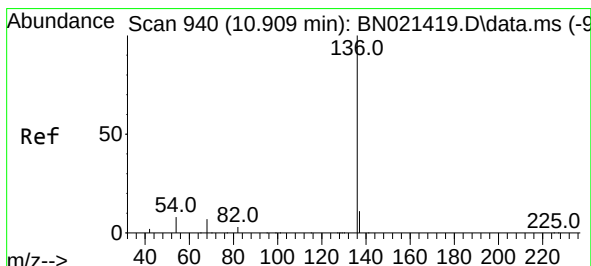
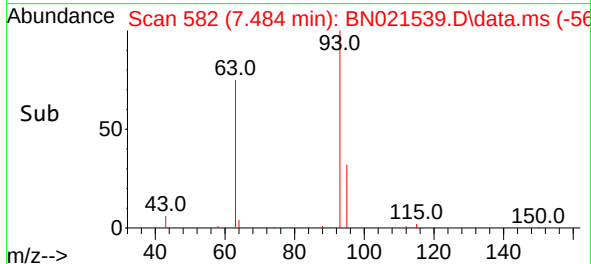
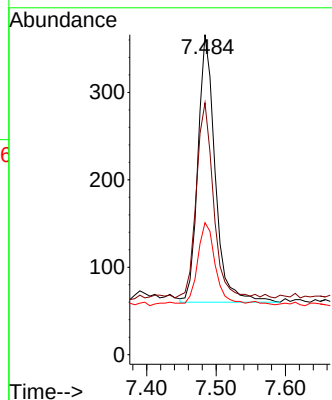
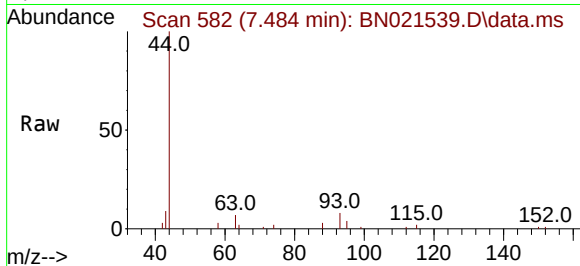




#6
bis(2-Chloroethyl)ether
Concen: 0.036 ng
RT: 7.484 min Scan# 583
Delta R.T. 0.000 min
Lab File: BN021539.D
Acq: 01 Sep 2022 23:34

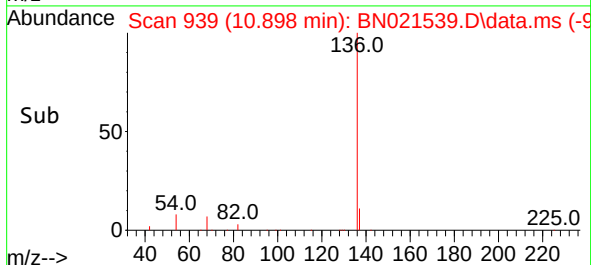
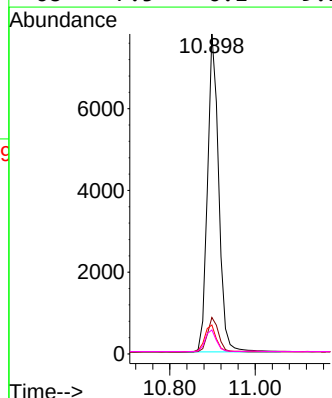
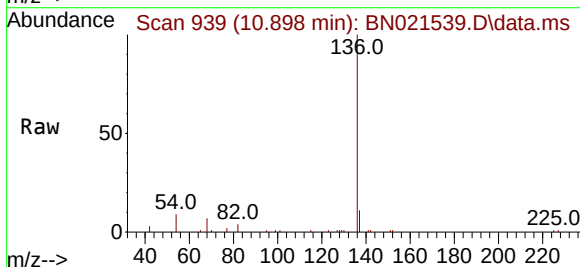
Instrument :
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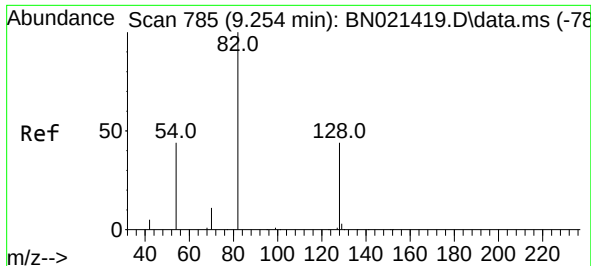
Tgt Ion: 93	Resp: 527
Ion Ratio	Lower Upper
93 100	
63 72.5	57.8 86.8
95 30.4	25.9 38.9



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.898 min Scan# 939
Delta R.T. 0.000 min
Lab File: BN021539.D
Acq: 01 Sep 2022 23:34

Tgt	Ion:136	Resp:	14167
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.3	13.9
54	9.1	6.9	10.3
68	7.5	6.1	9.1

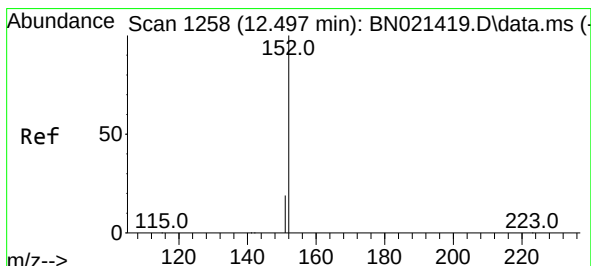
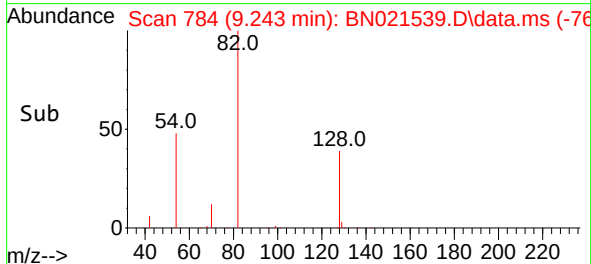
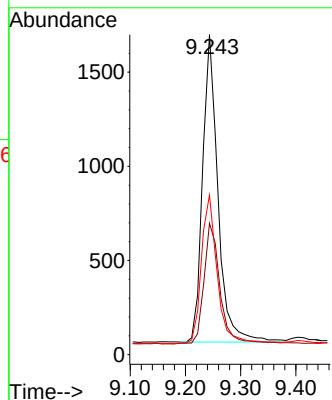
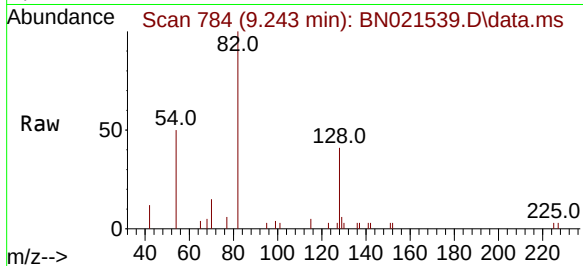




#8
Nitrobenzene-d5
Concen: 0.330 ng
RT: 9.243 min Scan# 785
Delta R.T. 0.000 min
Lab File: BN021539.D
Acq: 01 Sep 2022 23:34

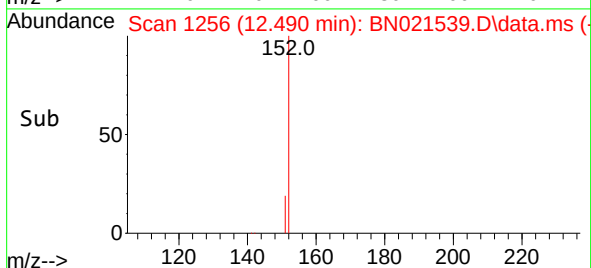
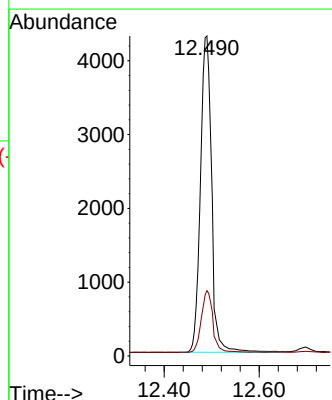
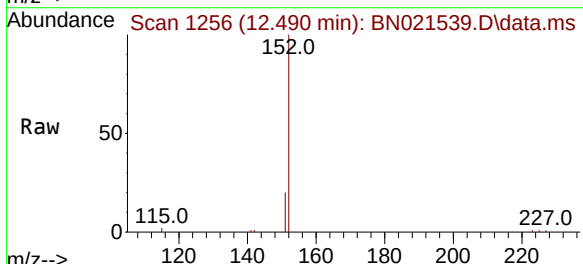
Instrument :
BNA_N
ClientSampleId :
RE137-20220823

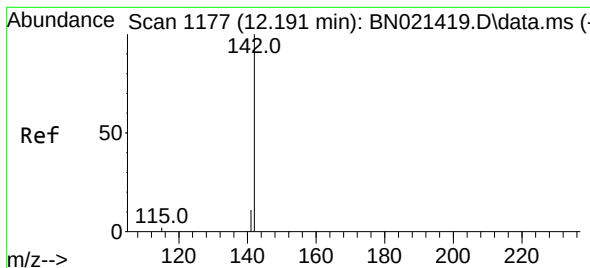
Tgt Ion: 82 Resp: 3162
Ion Ratio Lower Upper
82 100
128 41.1 30.9 46.3
54 49.9 42.7 64.1



#11
2-Methylnaphthalene-d10
Concen: 0.362 ng
RT: 12.490 min Scan# 1256
Delta R.T. 0.004 min
Lab File: BN021539.D
Acq: 01 Sep 2022 23:34

Tgt Ion: 152 Resp: 11570
Ion Ratio Lower Upper
152 100
151 18.9 14.5 21.7

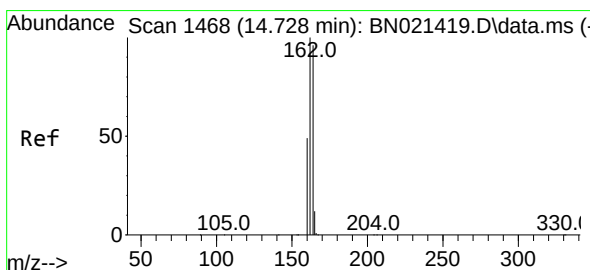
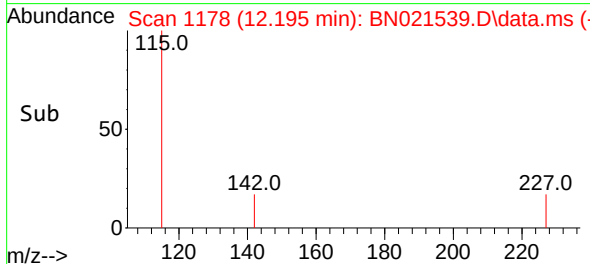
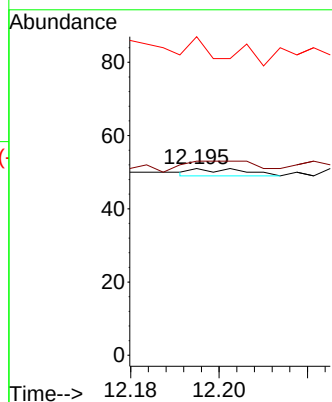
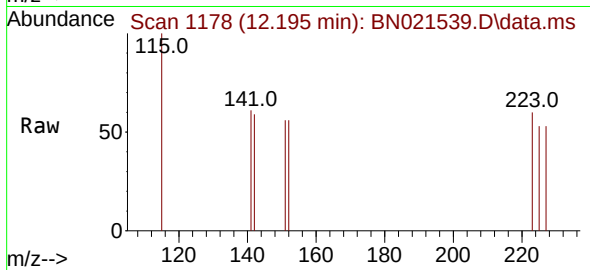




#12
2-Methylnaphthalene
Concen: 0.127 ng
RT: 12.195 min Scan# 1178
Delta R.T. 0.012 min
Lab File: BN021539.D
Acq: 01 Sep 2022 23:34

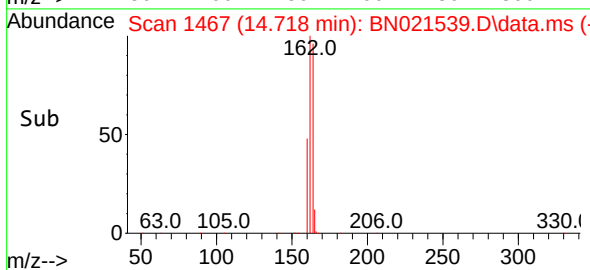
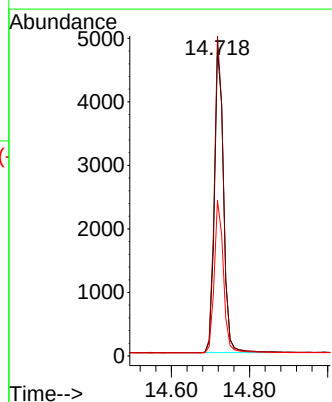
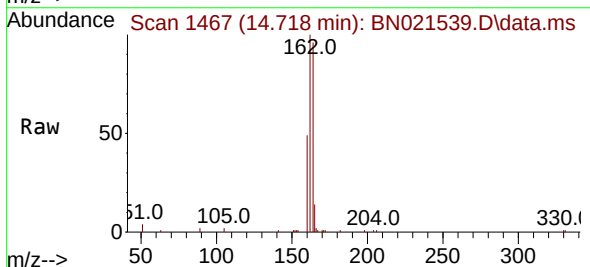
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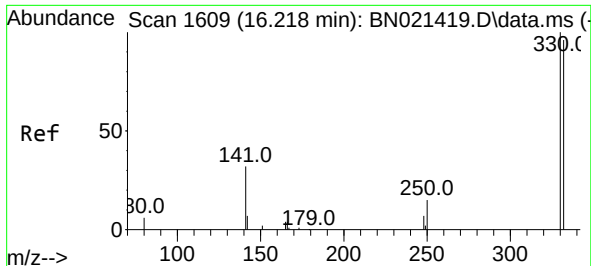
Tgt Ion:142 Resp: 2
Ion Ratio Lower Upper
142 100
141 103.9 12.2 18.2#
115 170.6 7.9 11.9#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.718 min Scan# 1467
Delta R.T. 0.000 min
Lab File: BN021539.D
Acq: 01 Sep 2022 23:34

Tgt Ion:164 Resp: 7779
Ion Ratio Lower Upper
164 100
162 104.5 82.2 123.4
160 50.8 39.5 59.3

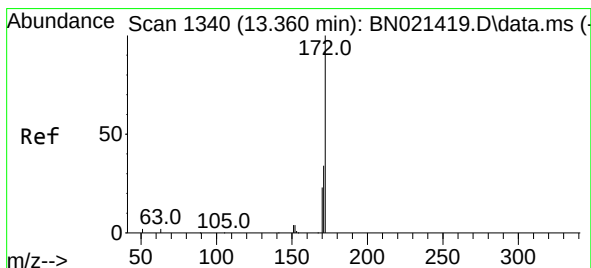
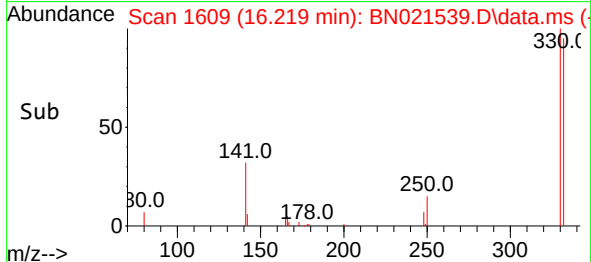
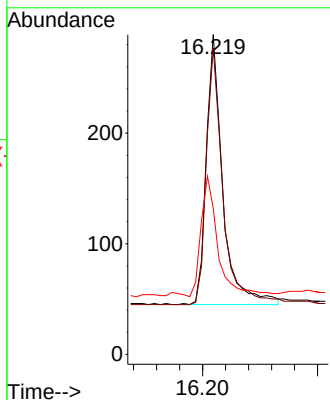
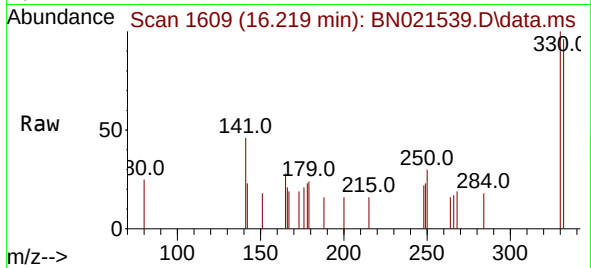




#14
2,4,6-Tribromophenol
Concen: 0.191 ng
RT: 16.219 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021539.D
Acq: 01 Sep 2022 23:34

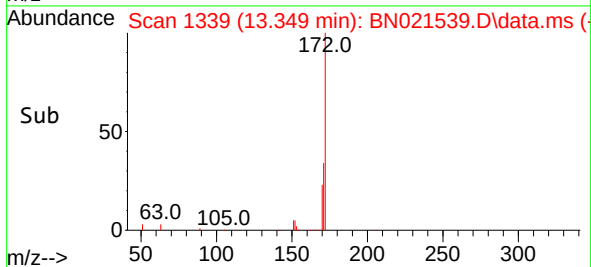
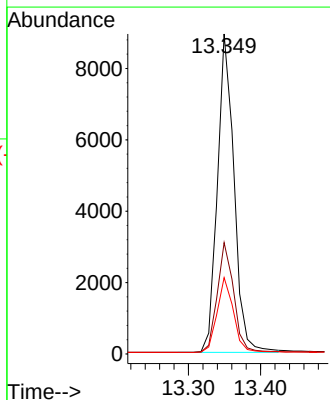
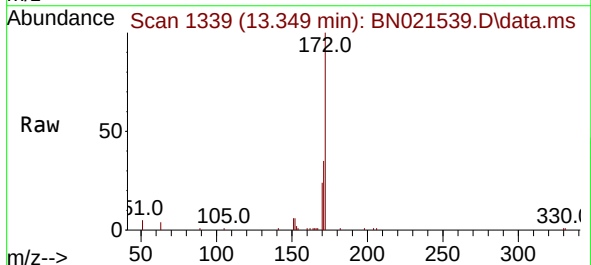
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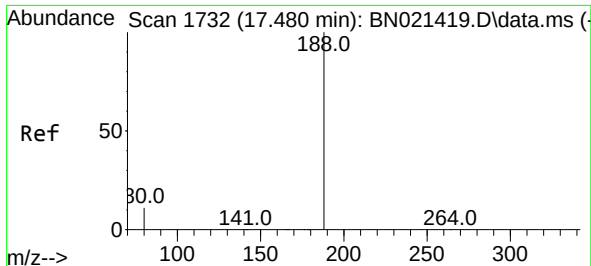
Tgt Ion:330 Resp: 488
Ion Ratio Lower Upper
330 100
332 94.7 79.3 118.9
141 43.9 37.1 55.7



#15
2-Fluorobiphenyl
Concen: 0.419 ng
RT: 13.349 min Scan# 1339
Delta R.T. 0.000 min
Lab File: BN021539.D
Acq: 01 Sep 2022 23:34

Tgt Ion:172 Resp: 14246
Ion Ratio Lower Upper
172 100
171 34.8 27.8 41.6
170 23.8 18.6 28.0

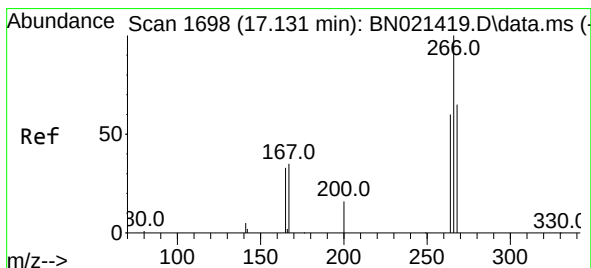
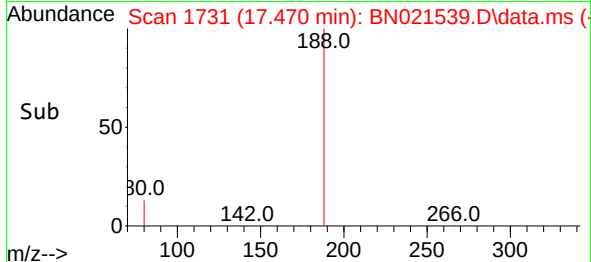
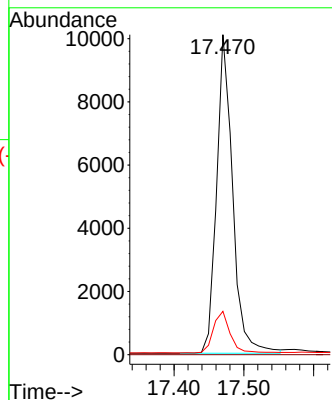
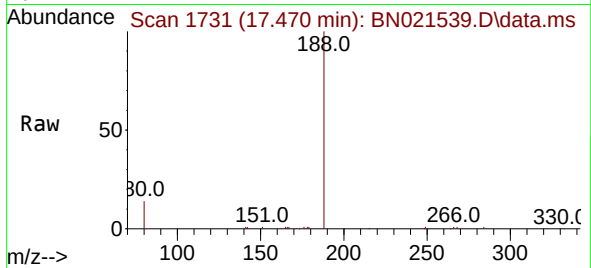




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.470 min Scan# 1731
Delta R.T. 0.000 min
Lab File: BN021539.D
Acq: 01 Sep 2022 23:34

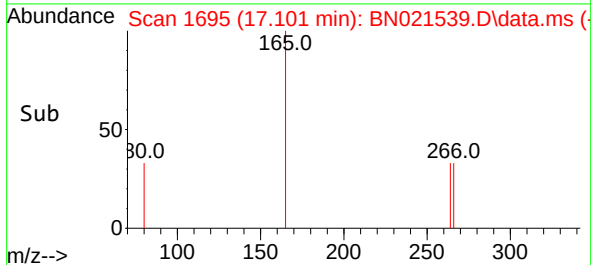
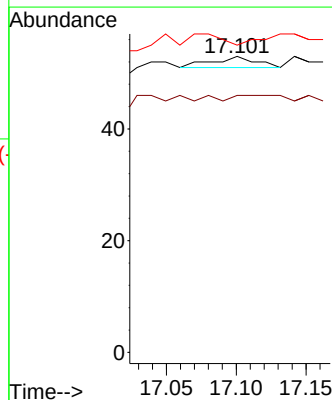
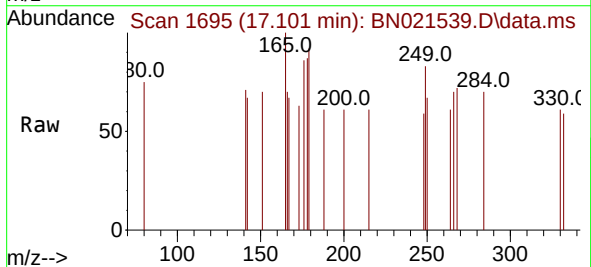
Instrument :
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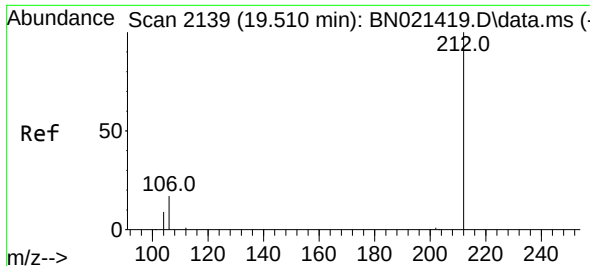
Tgt Ion:188 Resp: 16038
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.5 9.5 14.3



#24
Pentachlorophenol
Concen: 0.203 ng
RT: 17.101 min Scan# 1695
Delta R.T. -0.020 min
Lab File: BN021539.D
Acq: 01 Sep 2022 23:34

Tgt Ion:266 Resp: 4
Ion Ratio Lower Upper
266 100
264 0.0 49.0 73.6#
268 0.0 50.9 76.3#

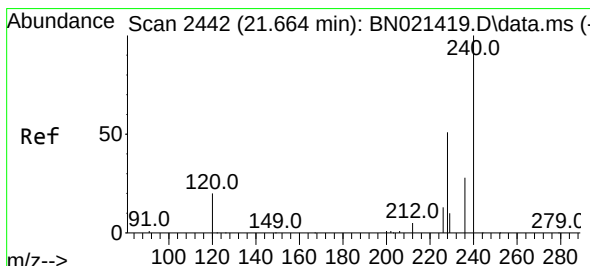
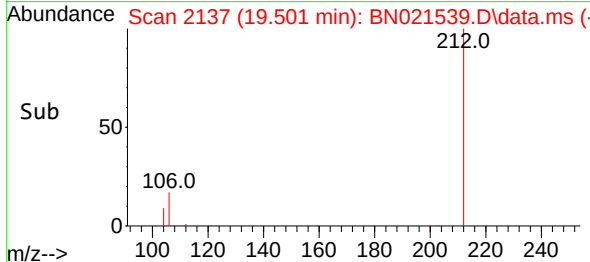
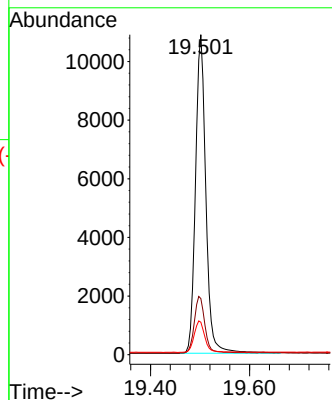
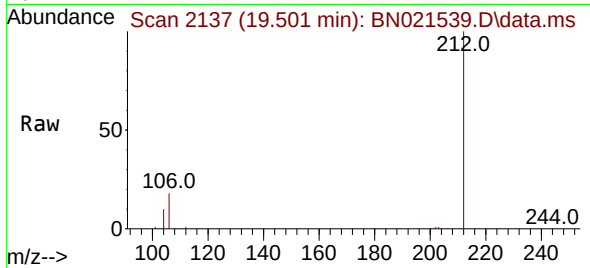




#27
Fluoranthene-d10
Concen: 0.385 ng
RT: 19.501 min Scan# 2137
Delta R.T. 0.000 min
Lab File: BN021539.D
Acq: 01 Sep 2022 23:34

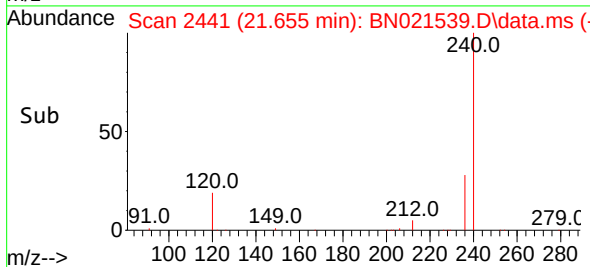
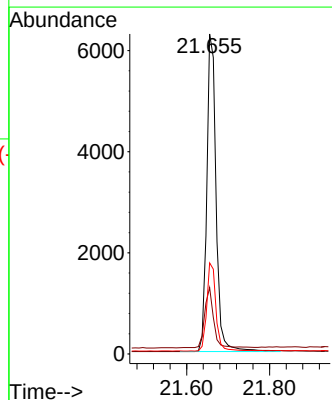
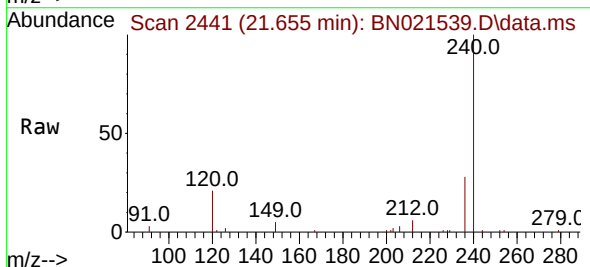
Instrument :
BNA_N
ClientSampleId :
RE137-20220823

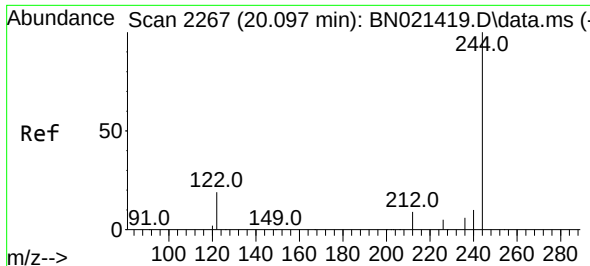
Tgt Ion:212 Resp: 15862
Ion Ratio Lower Upper
212 100
106 18.2 14.2 21.2
104 10.2 7.8 11.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.655 min Scan# 2441
Delta R.T. -0.009 min
Lab File: BN021539.D
Acq: 01 Sep 2022 23:34

Tgt Ion:240 Resp: 9794
Ion Ratio Lower Upper
240 100
120 20.8 10.2 15.4#
236 28.5 22.1 33.1

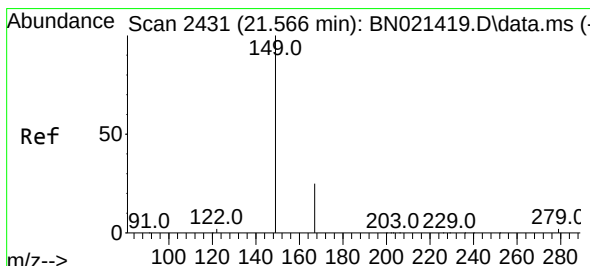
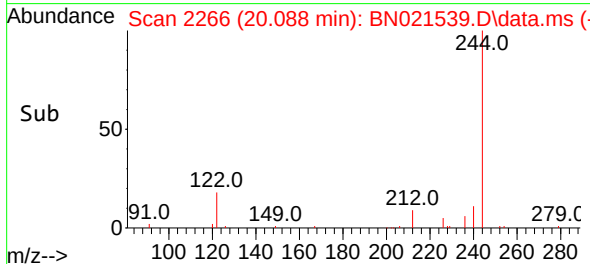
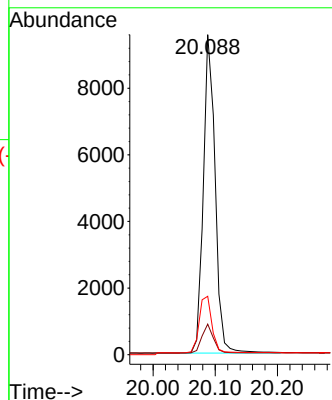
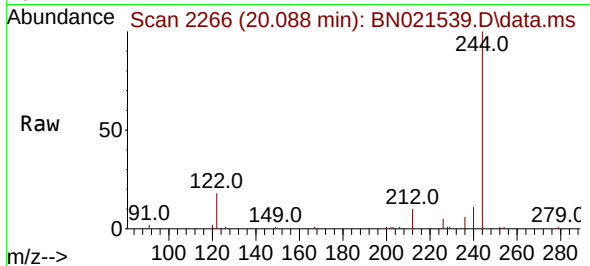




#31
 Terphenyl-d14
 Concen: 0.573 ng
 RT: 20.088 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN021539.D
 Acq: 01 Sep 2022 23:34

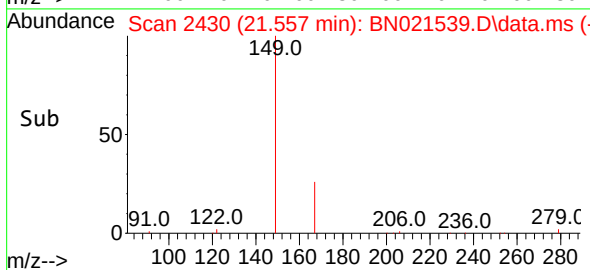
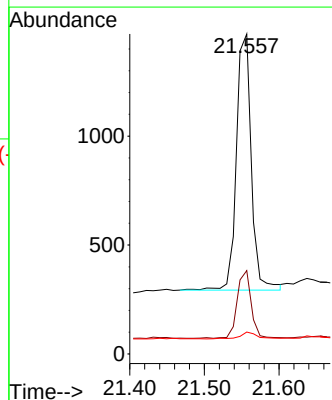
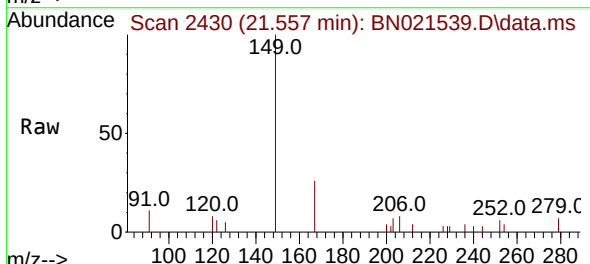
Instrument :
 BNA_N
 ClientSampleId :
 RE137-20220823

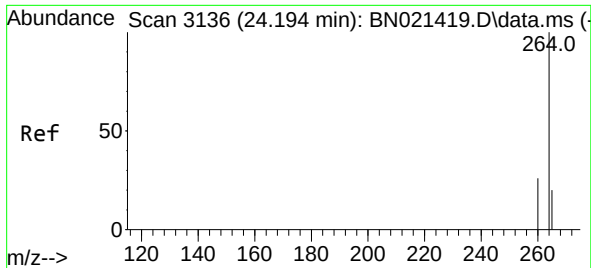
Tgt Ion:244 Resp: 12615
 Ion Ratio Lower Upper
 244 100
 212 9.5 6.5 9.7
 122 18.3 9.1 13.7#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.119 ng
 RT: 21.557 min Scan# 2430
 Delta R.T. 0.000 min
 Lab File: BN021539.D
 Acq: 01 Sep 2022 23:34

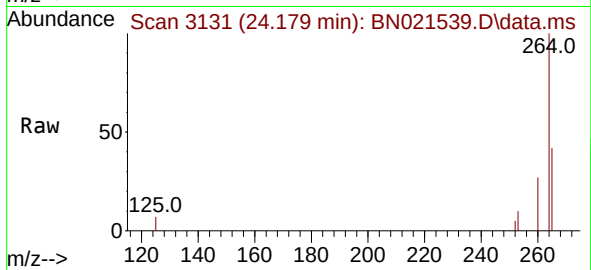
Tgt Ion:149 Resp: 1630
 Ion Ratio Lower Upper
 149 100
 167 24.8 21.4 32.0
 279 3.2 2.2 3.2





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.179 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BN021539.D
 Acq: 01 Sep 2022 23:34

Instrument :
 BNA_N
 ClientSampleId :
 RE137-20220823



Tgt Ion:264 Resp: 6460

Ion	Ratio	Lower	Upper
264	100		
260	27.5	21.0	31.6
265	42.5	32.2	48.2

