

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121620\
 Data File : BN013147.D
 Acq On : 15 Dec 2020 17:00
 Operator : CG/JU
 Sample : PB133530BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB133530BL

Quant Time: Dec 15 17:51:44 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 15 16:49:20 2020
 Response via : Initial Calibration

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

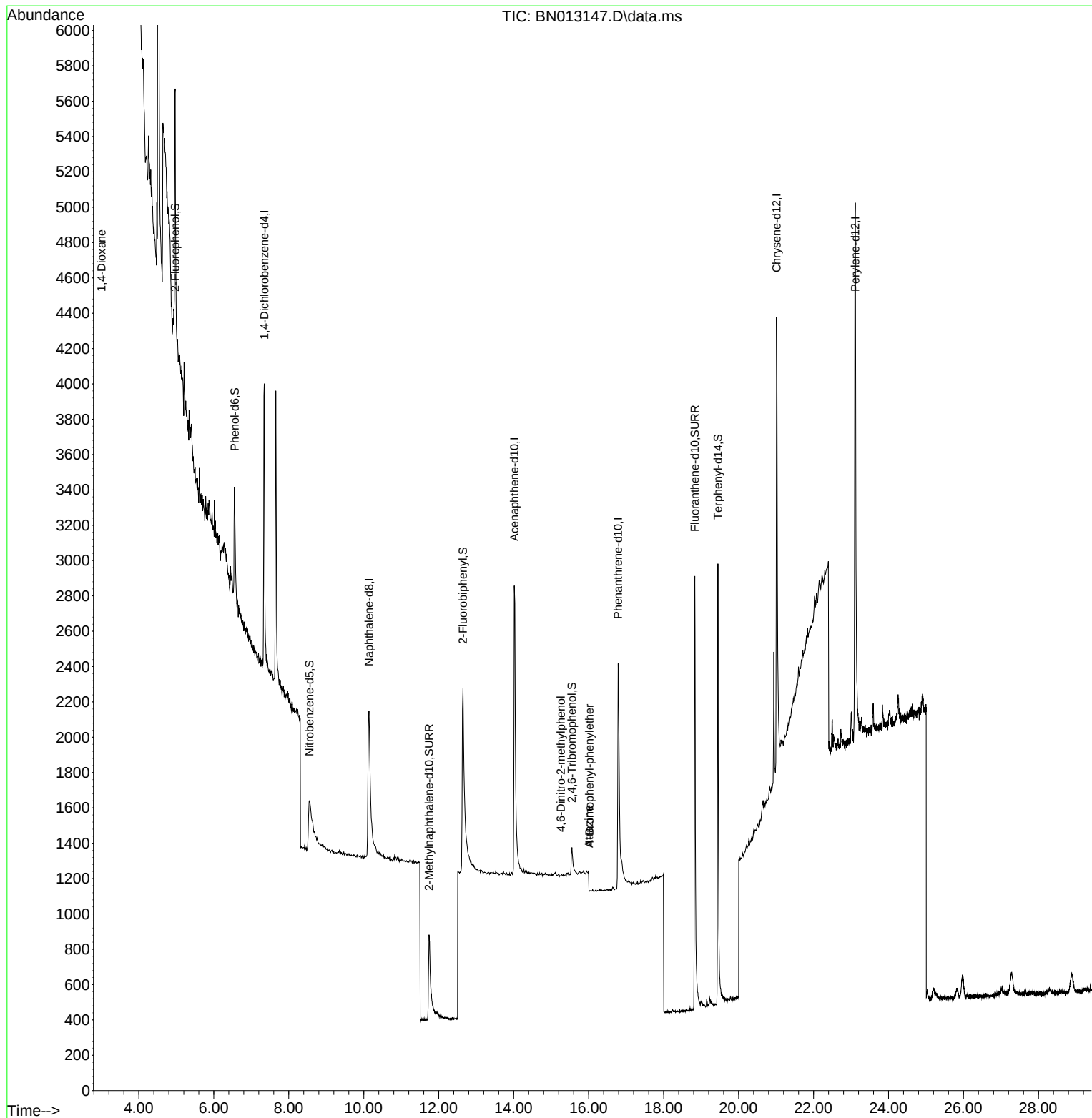
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.346	152	935	0.40	ng	0.00
7) Naphthalene-d8	10.137	136	2770	0.40	ng	# 0.03
13) Acenaphthene-d10	14.016	164	1774	0.40	ng	0.00
19) Phenanthrene-d10	16.787	188	3710	0.40	ng	# 0.01
29) Chrysene-d12	21.014	240	3954	0.40	ng	# 0.00
36) Perylene-d12	23.110	264	4943	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.970	112	1275	0.33	ng	0.00
5) Phenol-d6	6.557	99	987	0.25	ng	0.00
8) Nitrobenzene-d5	8.553	82	827	0.29	ng	0.04
11) 2-Methylnaphthalene-d10	11.742	152	1712	0.35	ng	0.02
14) 2,4,6-Tribromophenol	15.552	330	224	0.20	ng	0.01
15) 2-Fluorobiphenyl	12.646	172	2173	0.29	ng	0.01
27) Fluoranthene-d10	18.833	212	4297	0.35	ng	0.00
31) Terphenyl-d14	19.449	244	3618	0.36	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.005	88	278	0.17	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.260	198	1	0.19	ng	# 1
21) 4-Bromophenyl-phenylether	16.020	248	236	0.33	ng	# 78
23) Atrazine	16.008	200	137	0.06	ng	# 6
34) Bis(2-ethylhexyl)phtha...	20.939	149	662	Below Cal		100

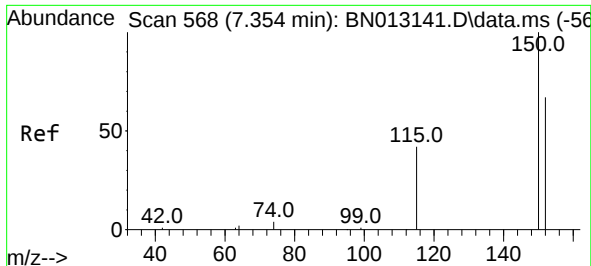
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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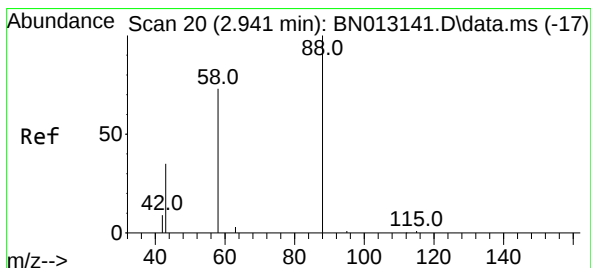
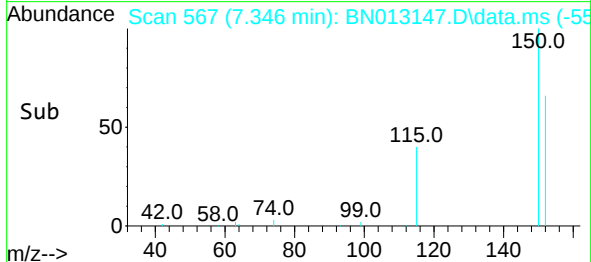
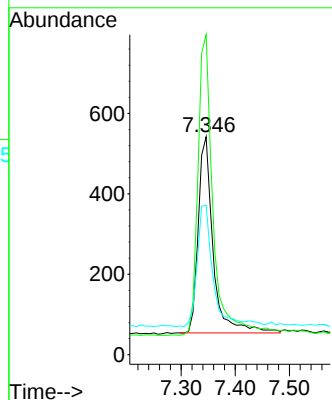
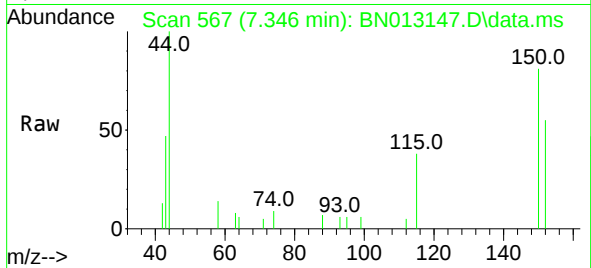




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.346 min Scan# 567
Delta R.T. -0.008 min
Lab File: BN013147.D
Acq: 15 Dec 2020 17:00

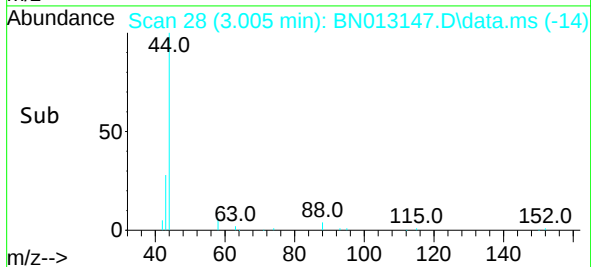
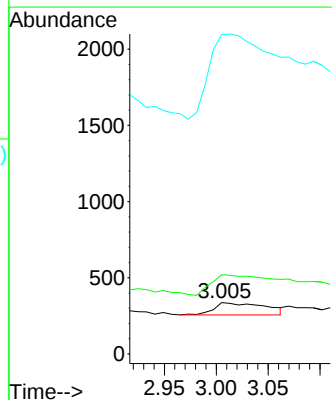
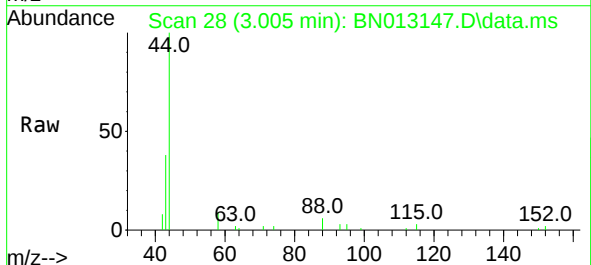
Instrument :
BNA_N
ClientSampleId :
PB133530BL

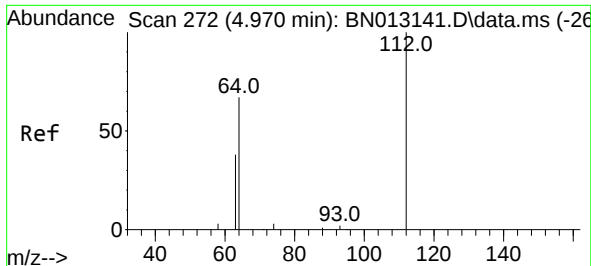
Tgt Ion:152 Resp: 935
Ion Ratio Lower Upper
152 100
150 146.9 116.6 174.8
115 68.6 52.9 79.3



#2
1,4-Dioxane
Concen: 0.17 ng
RT: 3.005 min Scan# 28
Delta R.T. 0.064 min
Lab File: BN013147.D
Acq: 15 Dec 2020 17:00

Tgt Ion: 88 Resp: 278
Ion Ratio Lower Upper
88 100
58 274.1 59.4 89.2#
43 1134.9 32.3 48.5#

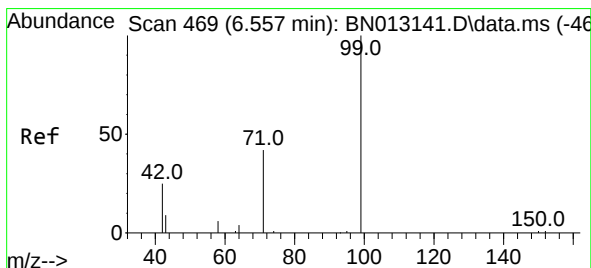
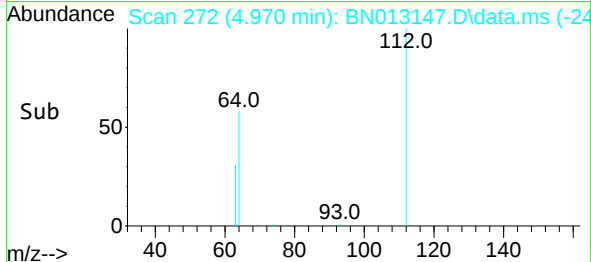
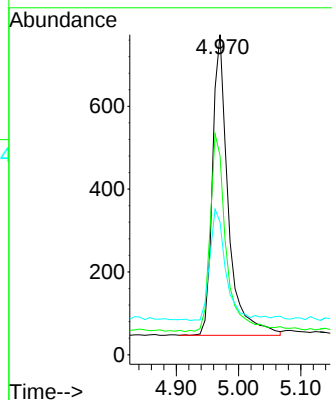
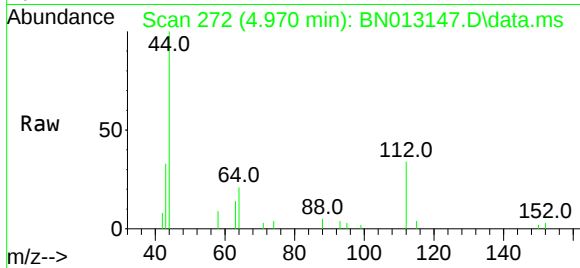




#4
2-Fluorophenol
Concen: 0.33 ng
RT: 4.970 min Scan# 272
Delta R.T. 0.000 min
Lab File: BN013147.D
Acq: 15 Dec 2020 17:00

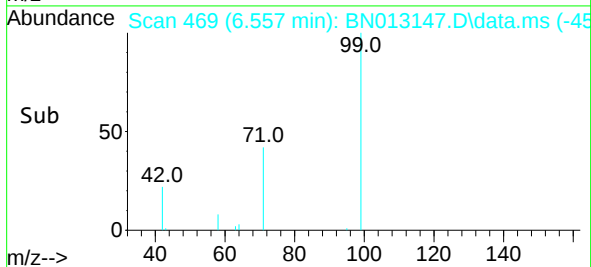
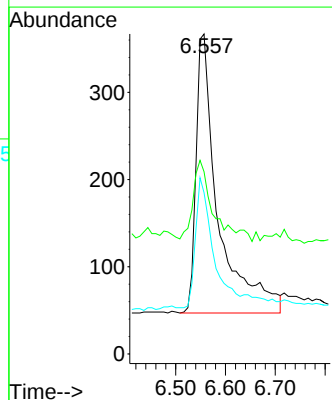
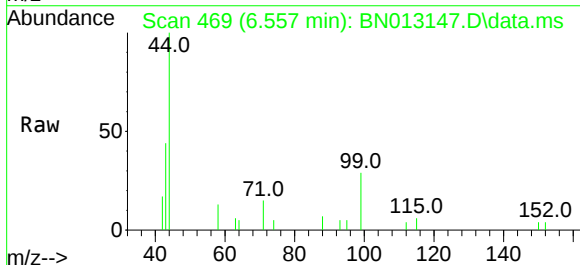
Instrument :
BNA_N
ClientSampleId :
PB133530BL

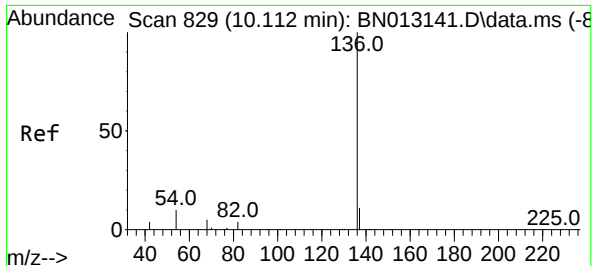
Tgt Ion:	112	Resp:	1275
Ion	Ratio	Lower	Upper
112	100		
64	68.7	49.5	74.3
63	38.3	32.0	48.0



#5
Phenol-d6
Concen: 0.25 ng
RT: 6.557 min Scan# 469
Delta R.T. 0.000 min
Lab File: BN013147.D
Acq: 15 Dec 2020 17:00

Tgt Ion:	99	Resp:	987
Ion	Ratio	Lower	Upper
99	100		
42	23.3	22.4	33.6
71	42.2	37.8	56.6

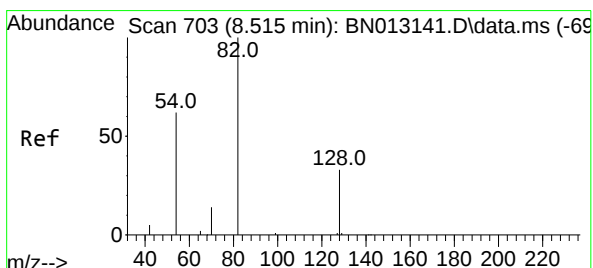
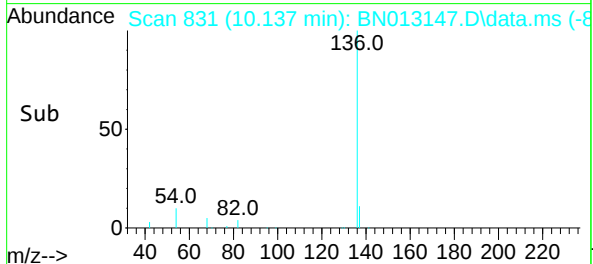
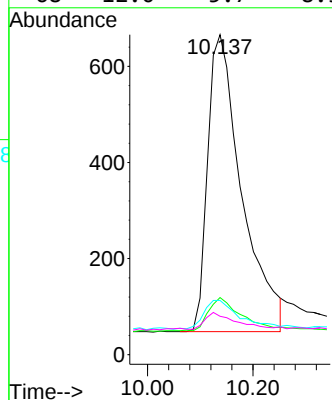
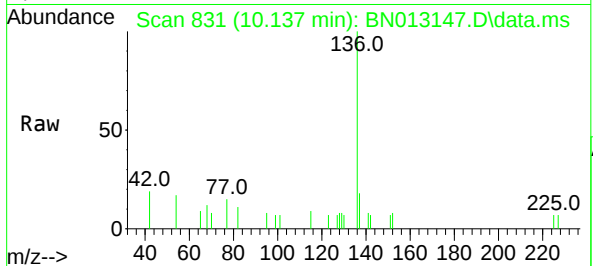




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.137 min Scan# 831
Delta R.T. 0.025 min
Lab File: BN013147.D
Acq: 15 Dec 2020 17:00

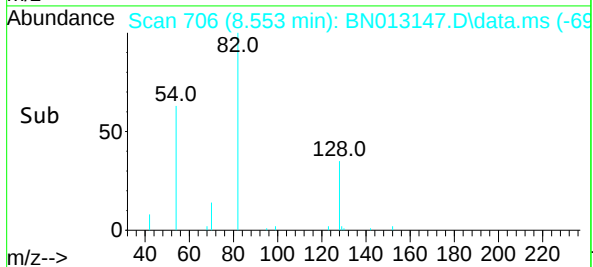
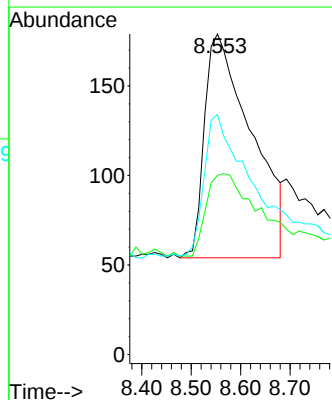
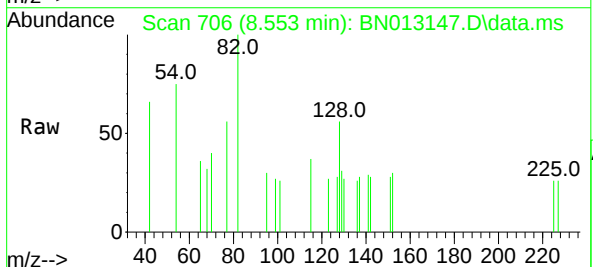
Instrument :
BNA_N
ClientSampleId :
PB133530BL

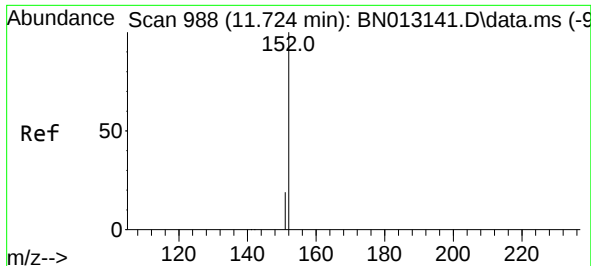
Tgt Ion:	136	Resp:	2770
Ion Ratio	Lower	Upper	
136	100		
137	17.9	10.6	15.8#
54	17.0	8.6	12.8#
68	12.0	5.7	8.5#



#8
Nitrobenzene-d5
Concen: 0.29 ng
RT: 8.553 min Scan# 706
Delta R.T. 0.038 min
Lab File: BN013147.D
Acq: 15 Dec 2020 17:00

Tgt Ion:	82	Resp:	827
Ion Ratio	Lower	Upper	
82	100		
128	55.9	30.6	46.0#
54	74.9	48.3	72.5#

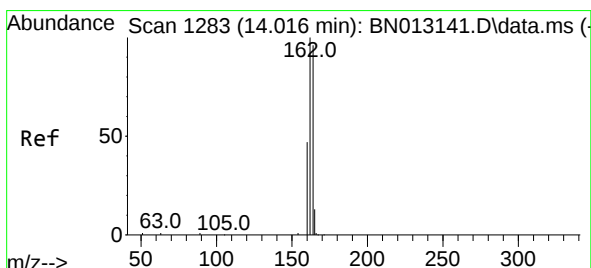
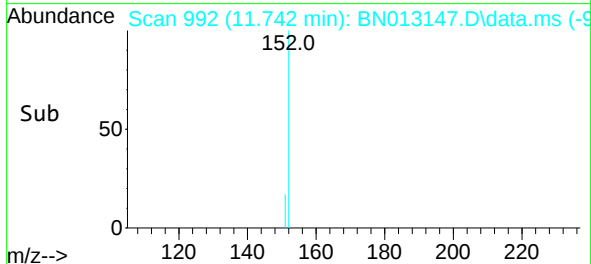
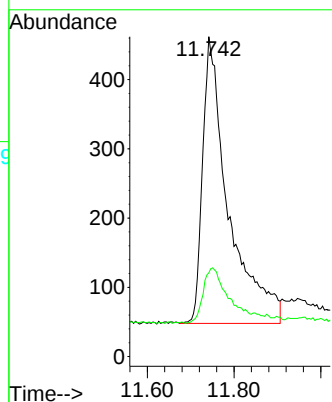
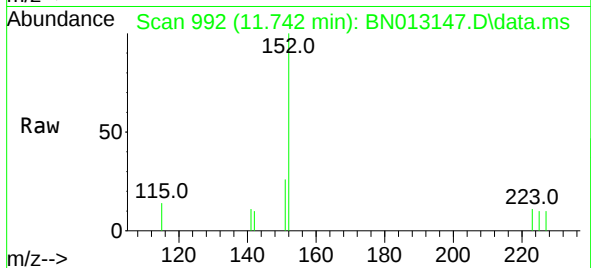




#11
2-Methylnaphthalene-d10
Concen: 0.35 ng
RT: 11.742 min Scan# 992
Delta R.T. 0.018 min
Lab File: BN013147.D
Acq: 15 Dec 2020 17:00

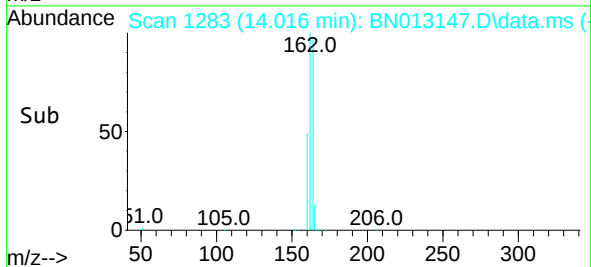
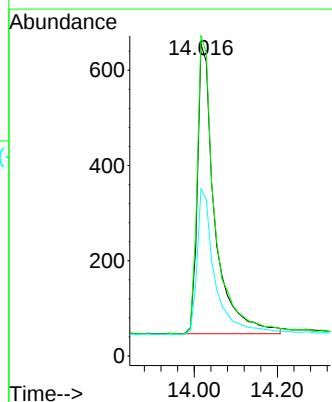
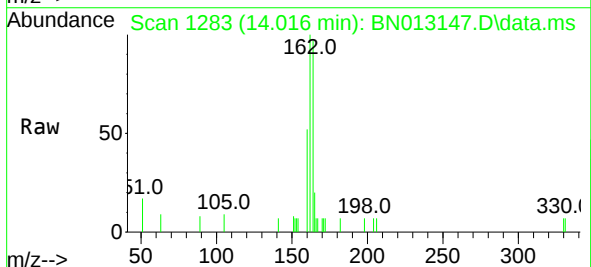
Instrument :
BNA_N
ClientSampleId :
PB133530BL

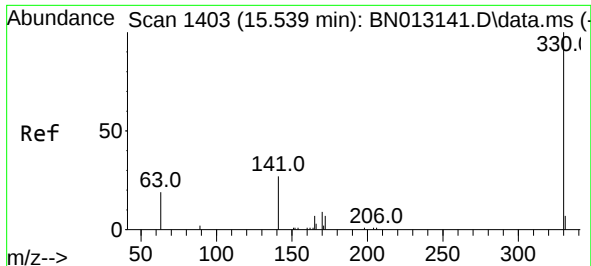
Tgt Ion:152 Resp: 1712
Ion Ratio Lower Upper
152 100
151 18.9 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.016 min Scan# 1283
Delta R.T. 0.000 min
Lab File: BN013147.D
Acq: 15 Dec 2020 17:00

Tgt Ion:164 Resp: 1774
Ion Ratio Lower Upper
164 100
162 102.6 80.6 120.8
160 53.6 39.5 59.3

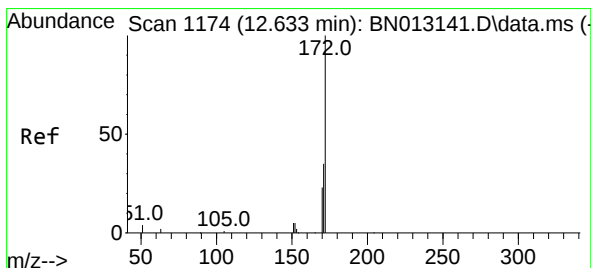
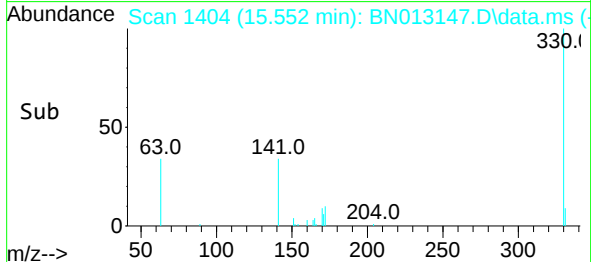
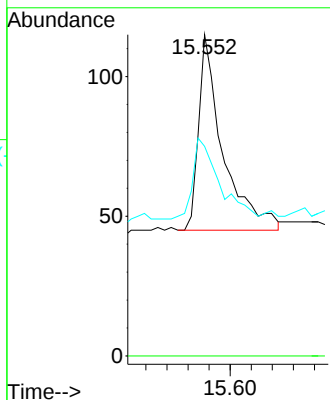
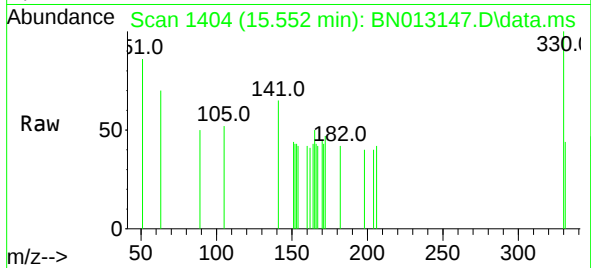




#14
2,4,6-Tribromophenol
Concen: 0.20 ng
RT: 15.552 min Scan# 1404
Delta R.T. 0.013 min
Lab File: BN013147.D
Acq: 15 Dec 2020 17:00

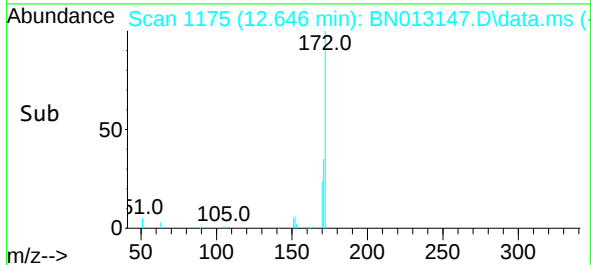
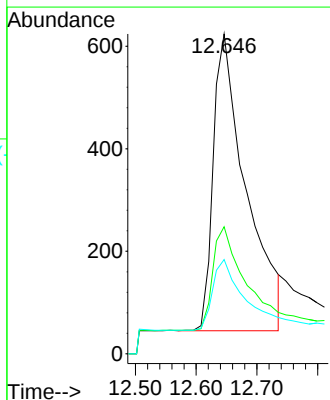
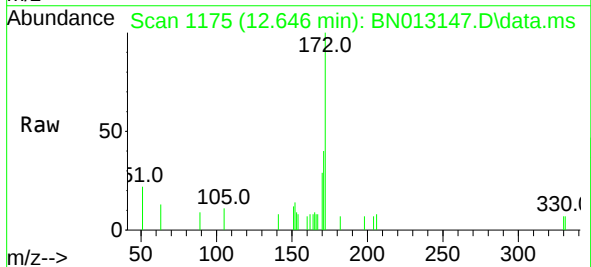
Instrument :
BNA_N
ClientSampleId :
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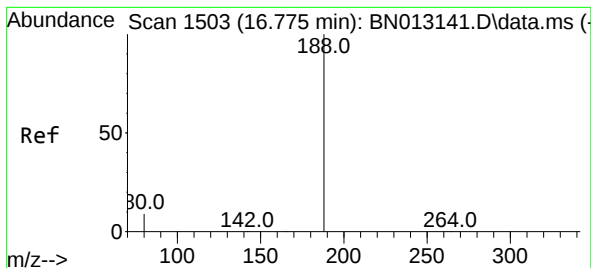
Tgt Ion:330 Resp: 224
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 23.2 34.4 51.6#



#15
2-Fluorobiphenyl
Concen: 0.29 ng
RT: 12.646 min Scan# 1175
Delta R.T. 0.013 min
Lab File: BN013147.D
Acq: 15 Dec 2020 17:00

Tgt Ion:172 Resp: 2173
Ion Ratio Lower Upper
172 100
171 39.7 28.2 42.4
170 29.5 20.0 30.0





#19

Phenanthrene-d10

Concen: 0.40 ng

RT: 16.787 min Scan# 1504

Delta R.T. 0.012 min

Lab File: BN013147.D

Acq: 15 Dec 2020 17:00

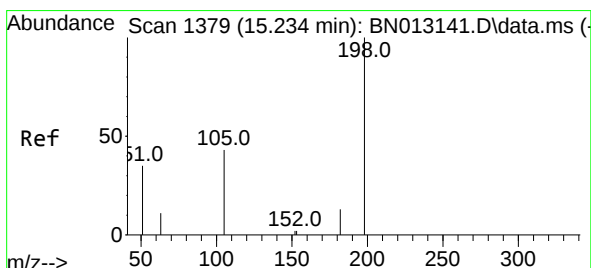
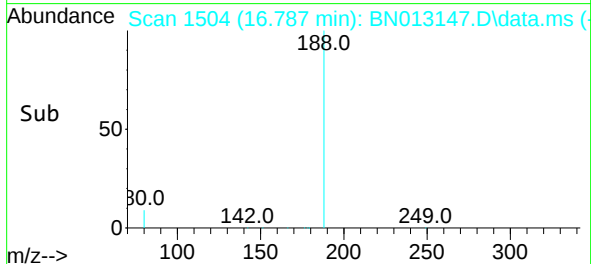
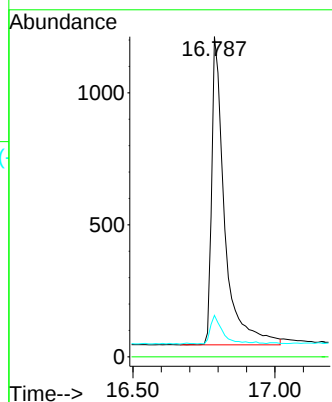
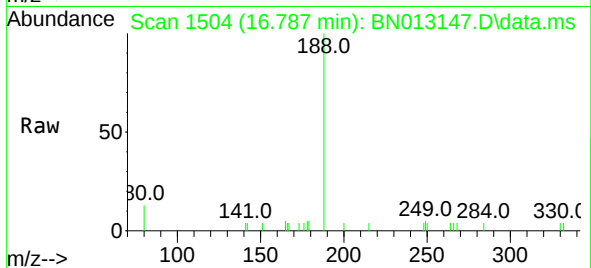
Tgt Ion:188	Resp:	3710
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	12.9	5.0

Instrument :

BNA_N

ClientSampleId :

PB133530BL



#20

4,6-Dinitro-2-methylphenol

Concen: 0.19 ng

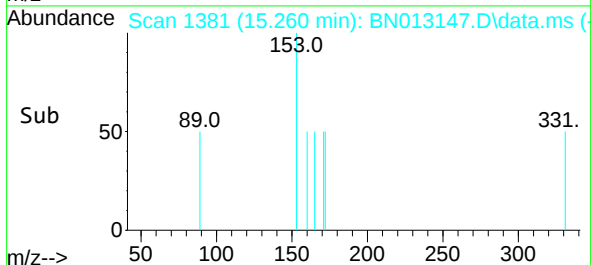
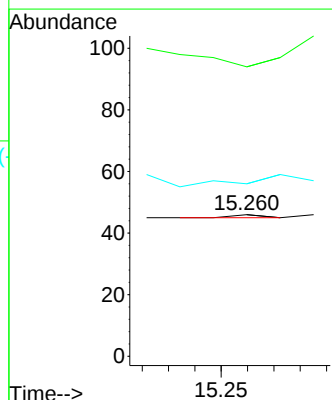
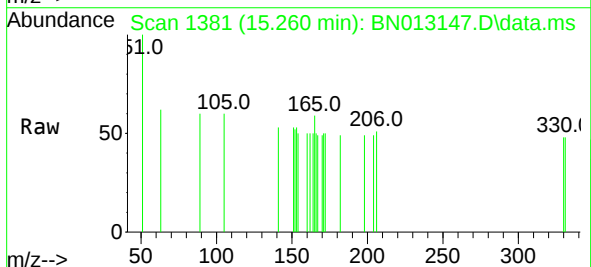
RT: 15.260 min Scan# 1381

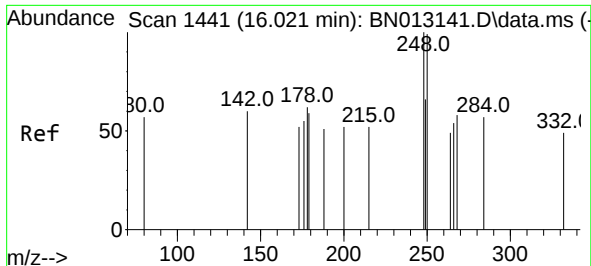
Delta R.T. 0.026 min

Lab File: BN013147.D

Acq: 15 Dec 2020 17:00

Tgt Ion:198	Resp:	1
Ion Ratio	Lower	Upper
198	100	
51	204.3	43.5
105	121.7	27.2

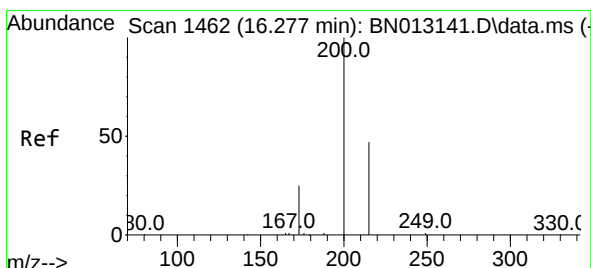
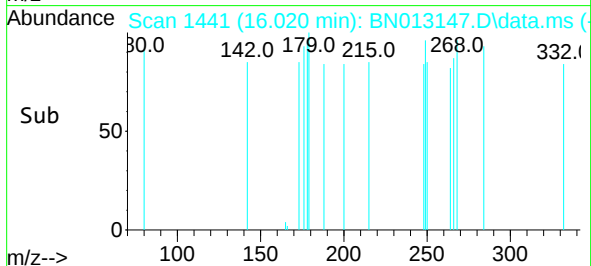
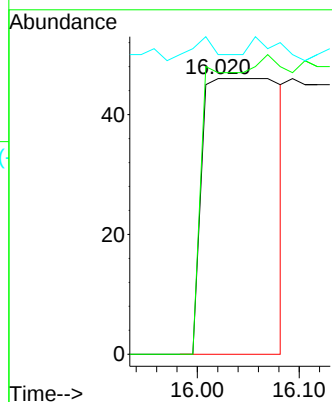
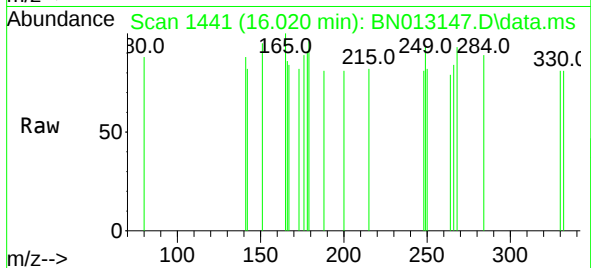




#21
4-Bromophenyl-phenylether
Concen: 0.33 ng
RT: 16.020 min Scan# 1441
Delta R.T. -0.001 min
Lab File: BN013147.D
Acq: 15 Dec 2020 17:00

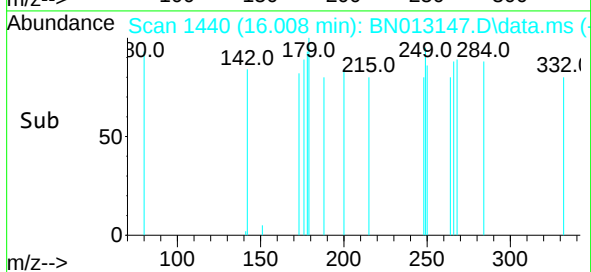
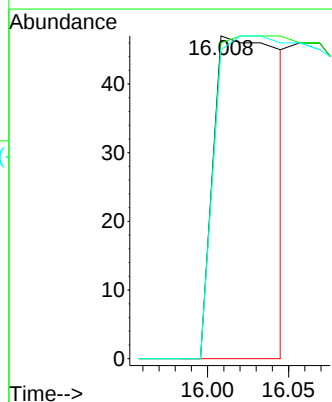
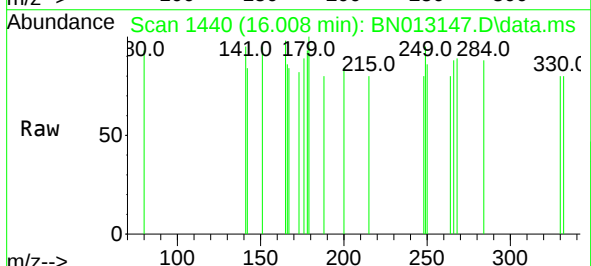
Instrument :
BNA_N
ClientSampleId :
PB133530BL

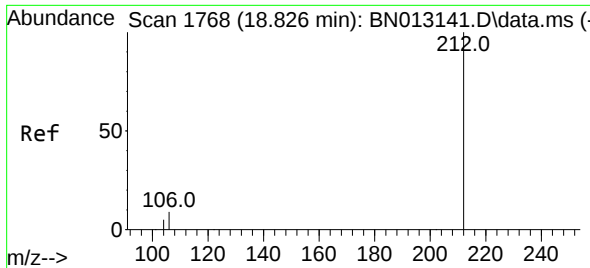
Tgt Ion:248 Resp: 236
Ion Ratio Lower Upper
248 100
250 102.2 77.3 115.9
141 108.7 57.8 86.8#



#23
Atrazine
Concen: 0.06 ng
RT: 16.008 min Scan# 1440
Delta R.T. -0.268 min
Lab File: BN013147.D
Acq: 15 Dec 2020 17:00

Tgt Ion:200 Resp: 137
Ion Ratio Lower Upper
200 100
173 97.9 22.8 34.2#
215 95.7 38.1 57.1#

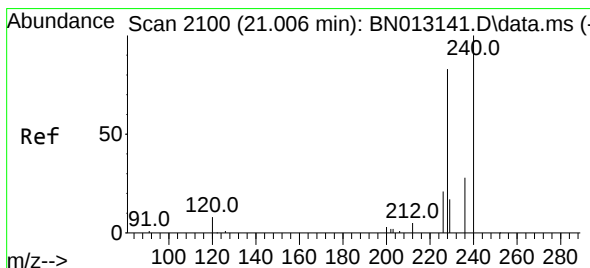
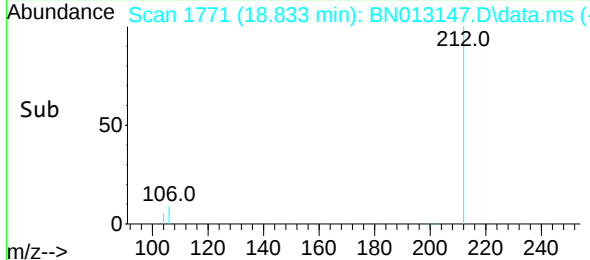
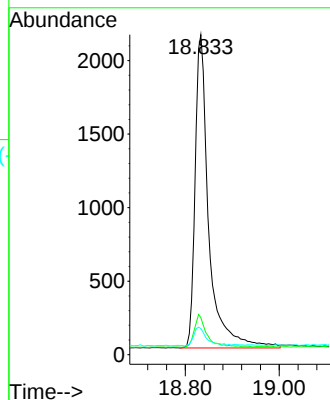
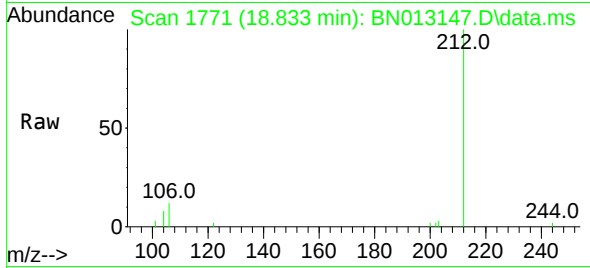




#27
Fluoranthene-d10
Concen: 0.35 ng
RT: 18.833 min Scan# 1771
Delta R.T. 0.007 min
Lab File: BN013147.D
Acq: 15 Dec 2020 17:00

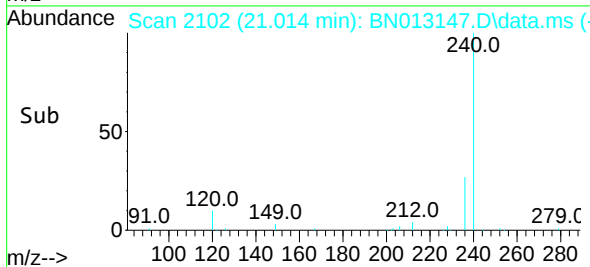
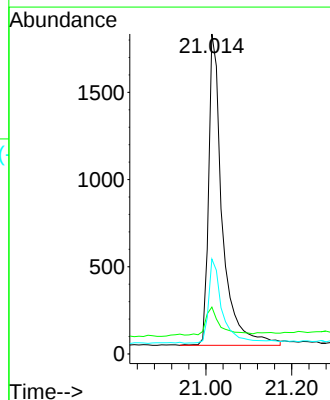
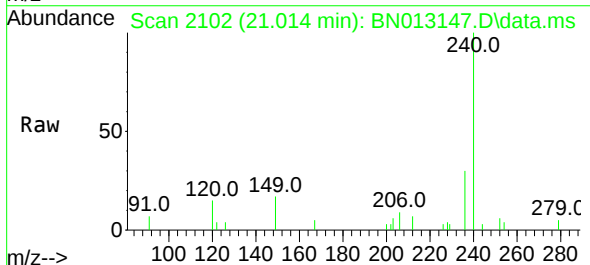
Instrument :
BNA_N
ClientSampleId :
PB133530BL

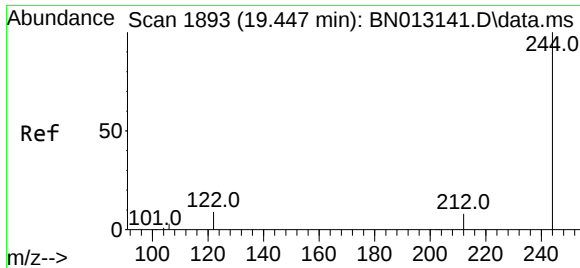
Tgt Ion:212	Resp:	4297
Ion Ratio	Lower	Upper
212	100	
106	9.5	6.8 10.2
104	5.9	4.1 6.1



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.014 min Scan# 2102
Delta R.T. 0.008 min
Lab File: BN013147.D
Acq: 15 Dec 2020 17:00

Tgt Ion:240	Resp:	3954
Ion Ratio	Lower	Upper
240	100	
120	14.7	5.3 7.9#
236	29.6	21.8 32.8

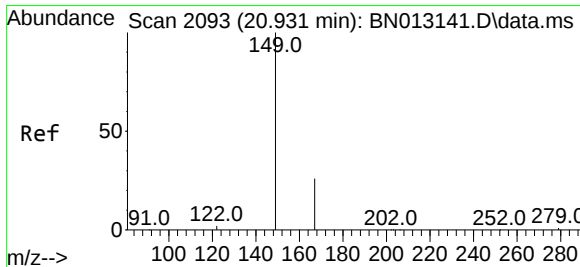
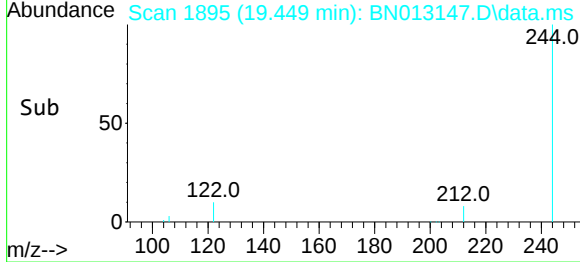
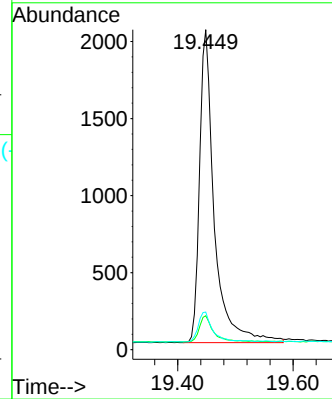
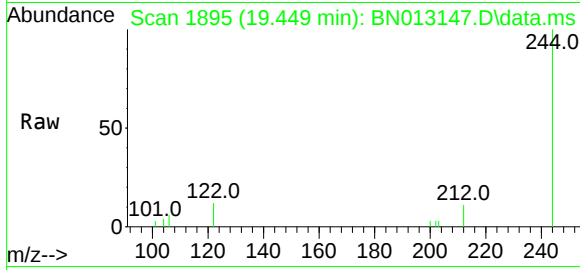




#31
Terphenyl-d14
Concen: 0.36 ng
RT: 19.449 min Scan# 1895
Delta R.T. 0.002 min
Lab File: BN013147.D
Acq: 15 Dec 2020 17:00

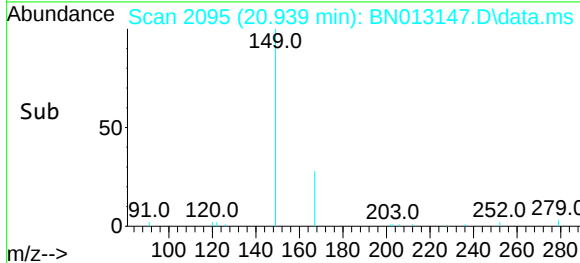
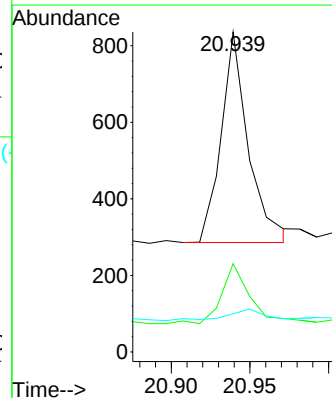
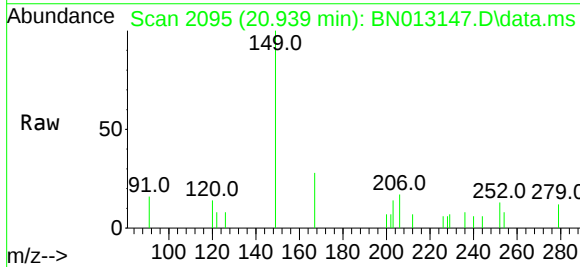
Instrument :
BNA_N
ClientSampleId :
PB133530BL

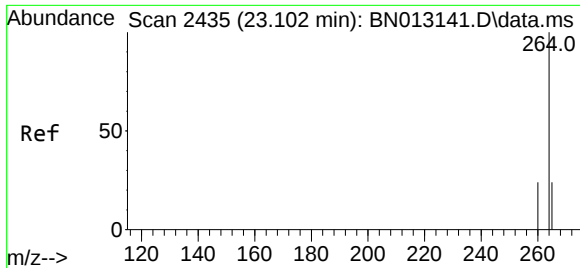
Tgt Ion:244 Resp: 3618
Ion Ratio Lower Upper
244 100
212 10.6 7.3 10.9
122 11.7 7.3 10.9#



#34
Bis(2-ethylhexyl)phthalate
Concen: Below Cal
RT: 20.939 min Scan# 2095
Delta R.T. 0.008 min
Lab File: BN013147.D
Acq: 15 Dec 2020 17:00

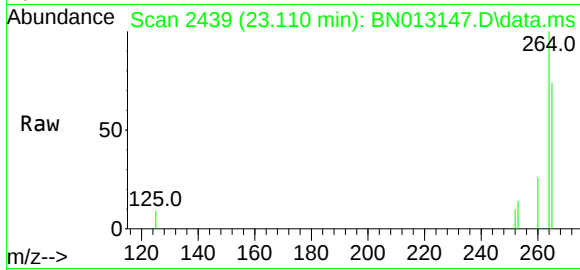
Tgt Ion:149 Resp: 662
Ion Ratio Lower Upper
149 100
167 28.9 23.2 34.8
279 5.4 3.9 5.9





#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.110 min Scan# 2439
 Delta R.T. 0.008 min
 Lab File: BN013147.D
 Acq: 15 Dec 2020 17:00

Instrument :
 BNA_N
 ClientSampleId :
 PB133530BL



Tgt Ion:264 Resp: 4943

Ion	Ratio	Lower	Upper
264	100		
260	26.5	19.8	29.6
265	74.4	51.4	77.0

