

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032222\
 Data File : BN019102.D
 Acq On : 23 Mar 2022 21:24
 Operator : CG/JU
 Sample : N2074-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE131D2-20220319

Quant Time: Mar 24 05:32:33 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN031722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 17 13:18:23 2022
 Response via : Initial Calibration

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

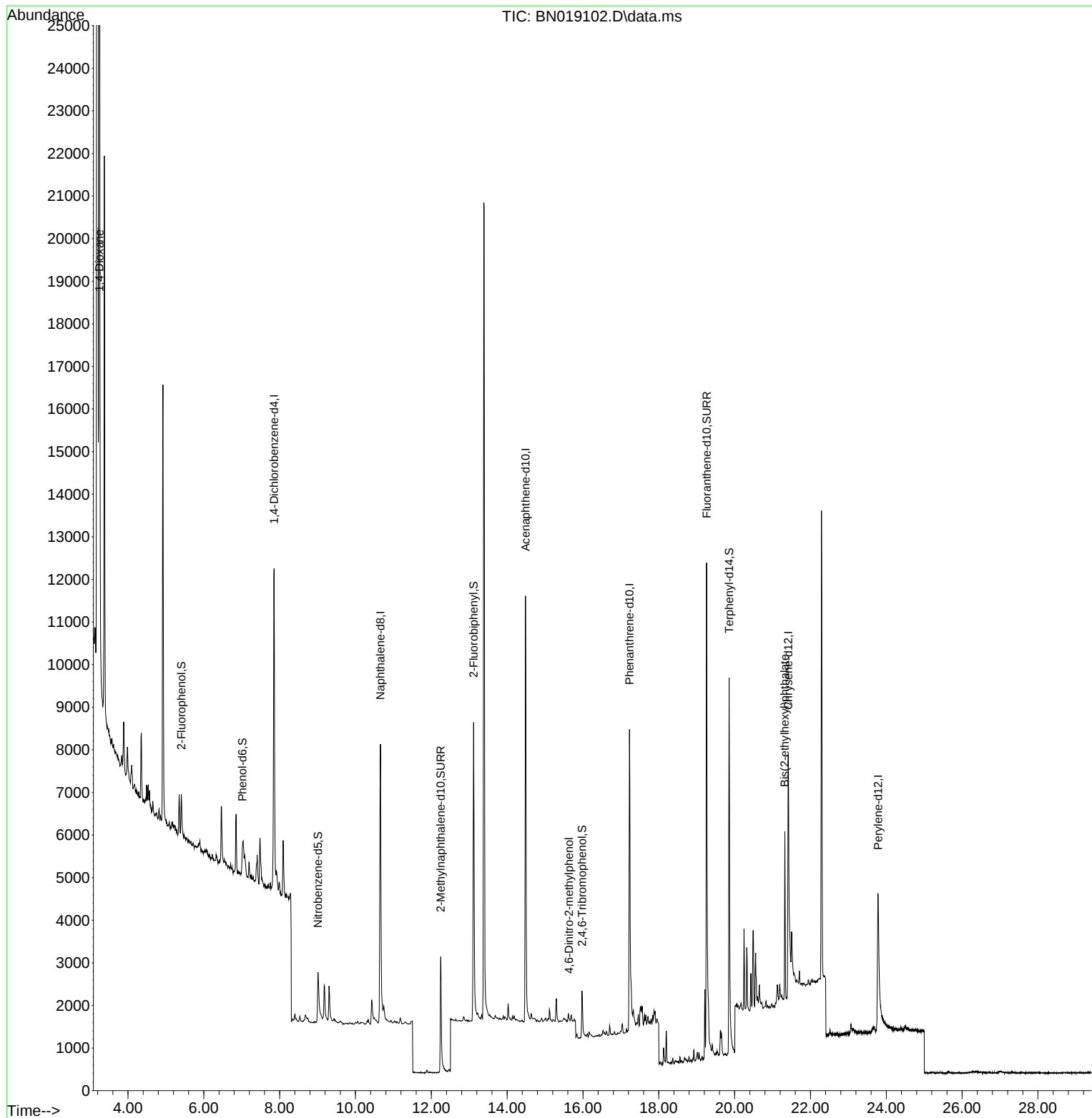
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	4044	0.400	ng	0.00
7) Naphthalene-d8	10.658	136	10418	0.400	ng	# 0.00
13) Acenaphthene-d10	14.485	164	6244	0.400	ng	-0.01
19) Phenanthrene-d10	17.226	188	12183	0.400	ng	-0.01
29) Chrysene-d12	21.413	240	10085	0.400	ng	# 0.00
35) Perylene-d12	23.785	264	7532	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.406	112	973	0.107	ng	0.00
5) Phenol-d6	7.017	99	503	0.053	ng	0.00
8) Nitrobenzene-d5	9.014	82	1692	0.225	ng	0.00
11) 2-Methylnaphthalene-d10	12.250	152	4848	0.281	ng	0.00
14) 2,4,6-Tribromophenol	15.974	330	808	0.268	ng	-0.01
15) 2-Fluorobiphenyl	13.116	172	6952	0.278	ng	-0.01
27) Fluoranthene-d10	19.261	212	16219	0.449	ng	0.00
31) Terphenyl-d14	19.856	244	11199	0.452	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.247	88	31583	6.319	ng	98
20) 4,6-Dinitro-2-methylph...	15.628	198	3	0.111	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.324	149	3316	0.161	ng	# 99

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

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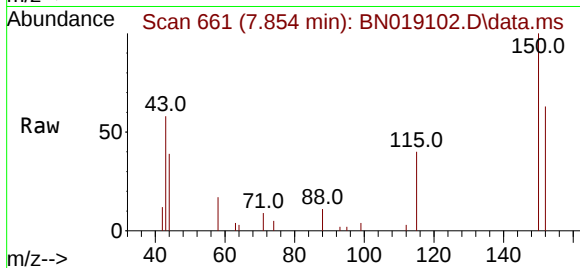
Quant Time: Mar 24 05:32:33 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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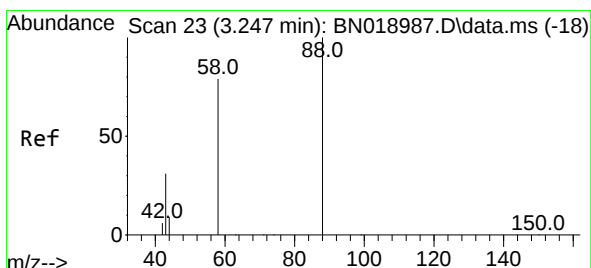
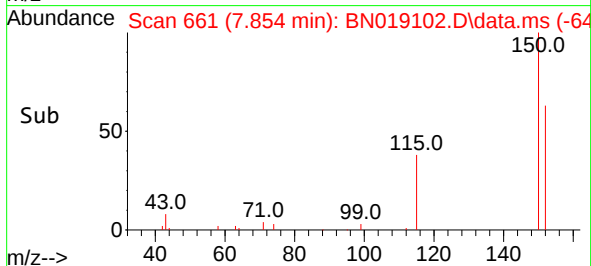
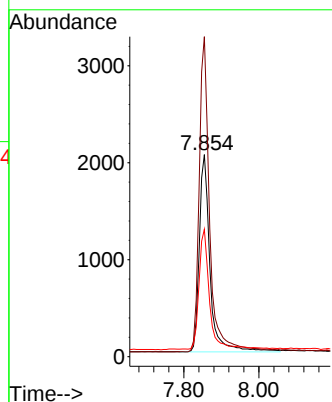
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.854 min Scan# 661
 Delta R.T. 0.000 min
 Lab File: BN019102.D
 Acq: 23 Mar 2022 21:24

Instrument :
 BNA_N
 ClientSampleId :
 RE131D2-20220319



Tgt Ion: 152 Resp: 4044

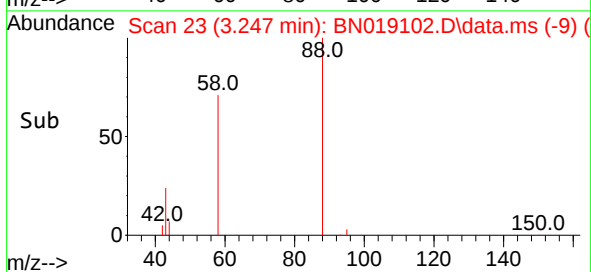
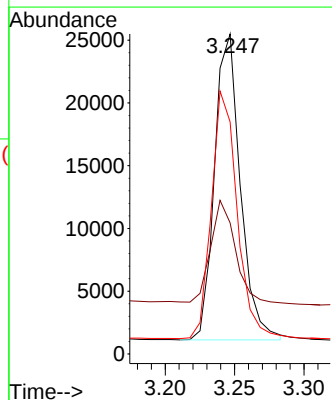
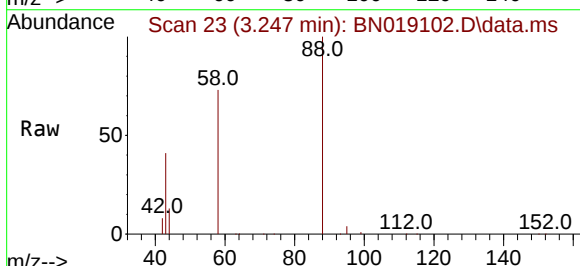
Ion	Ratio	Lower	Upper
152	100		
150	158.3	123.9	185.9
115	63.1	48.2	72.4

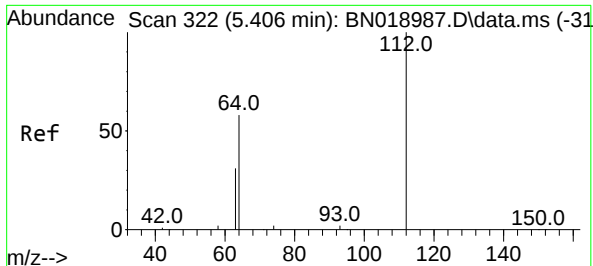


#2
 1,4-Dioxane
 Concen: 6.319 ng
 RT: 3.247 min Scan# 23
 Delta R.T. 0.000 min
 Lab File: BN019102.D
 Acq: 23 Mar 2022 21:24

Tgt Ion: 88 Resp: 31583

Ion	Ratio	Lower	Upper
88	100		
43	31.6	24.6	37.0
58	80.2	65.4	98.2

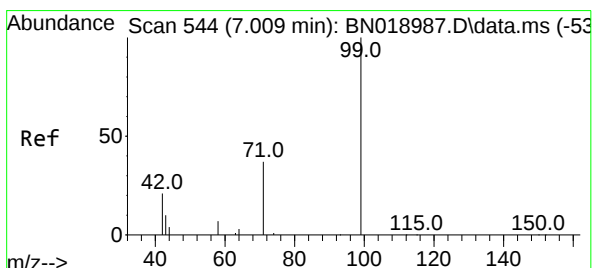
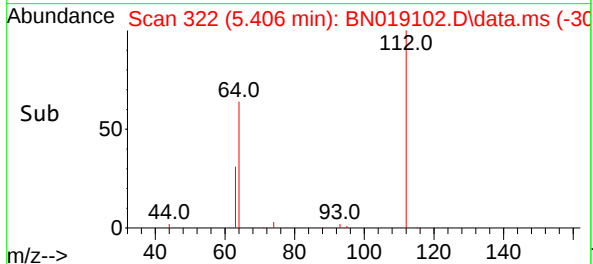
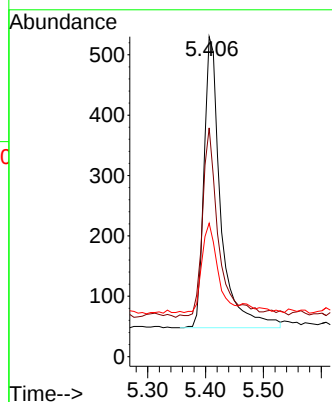
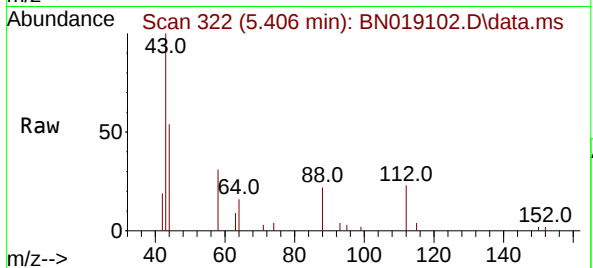




#4
2-Fluorophenol
Concen: 0.107 ng
RT: 5.406 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN019102.D
Acq: 23 Mar 2022 21:24

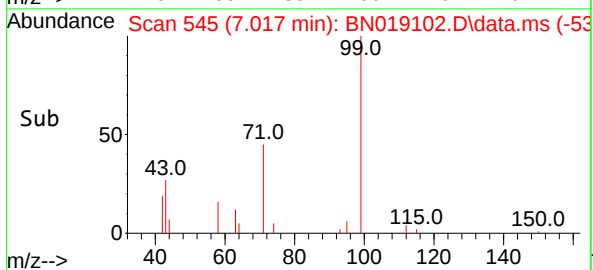
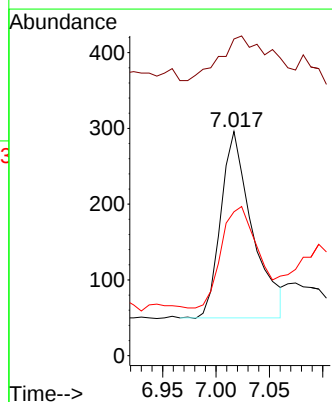
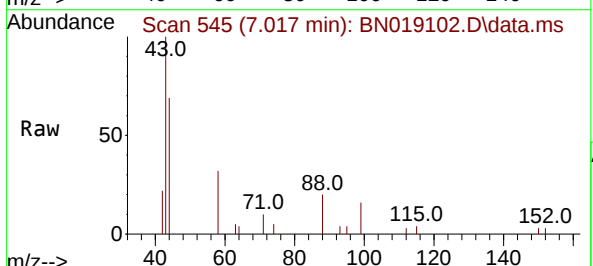
Instrument :
BNA_N
ClientSampleId :
RE131D2-20220319

Tgt Ion:112 Resp: 973
Ion Ratio Lower Upper
112 100
64 63.2 47.8 71.8
63 29.2 25.7 38.5



#5
Phenol-d6
Concen: 0.053 ng
RT: 7.017 min Scan# 545
Delta R.T. 0.007 min
Lab File: BN019102.D
Acq: 23 Mar 2022 21:24

Tgt Ion: 99 Resp: 503
Ion Ratio Lower Upper
99 100
42 38.4 16.2 24.4#
71 63.6 27.7 41.5#

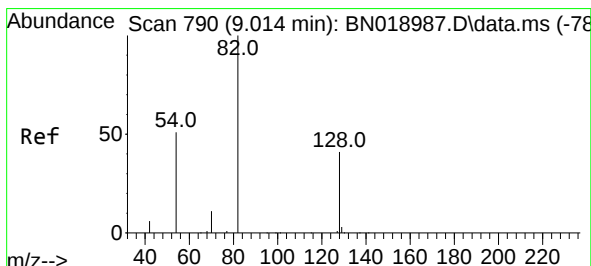
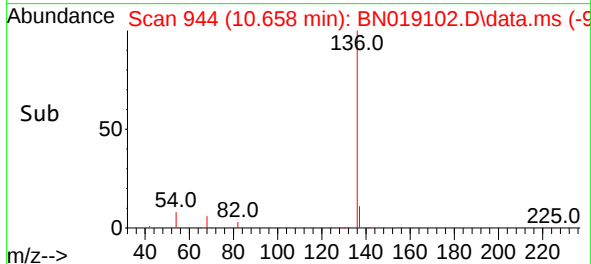
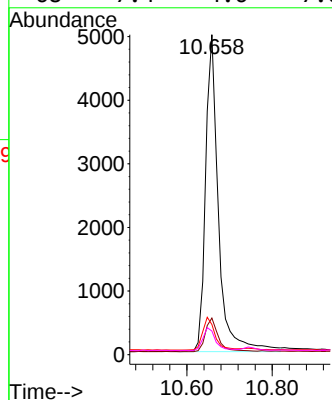
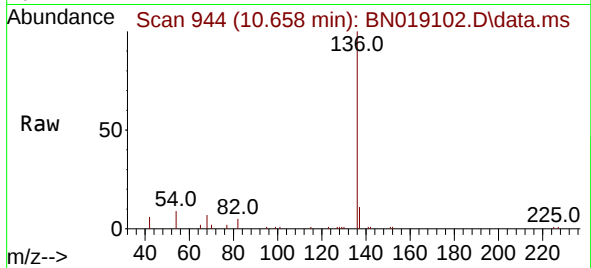




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.658 min Scan# 944
Delta R.T. 0.000 min
Lab File: BN019102.D
Acq: 23 Mar 2022 21:24

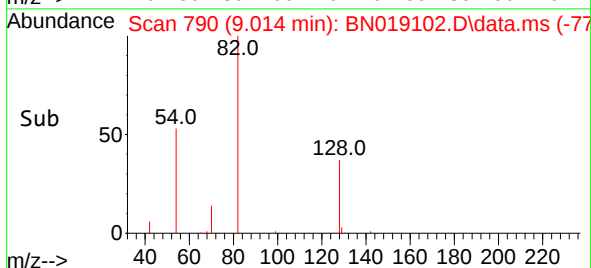
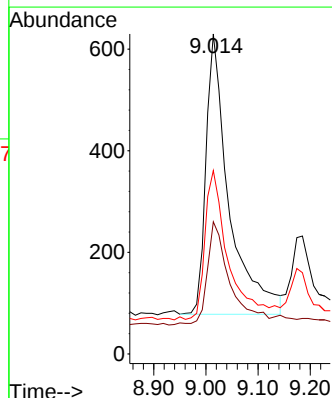
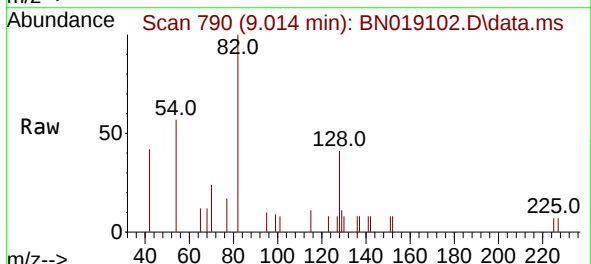
Instrument :
BNA_N
ClientSampleId :
RE131D2-20220319

Tgt Ion:	136	Resp:	10418
Ion Ratio	Lower	Upper	
136	100		
137	11.5	9.0	13.4
54	9.5	5.8	8.6#
68	7.4	4.6	7.0#



#8
Nitrobenzene-d5
Concen: 0.225 ng
RT: 9.014 min Scan# 790
Delta R.T. 0.000 min
Lab File: BN019102.D
Acq: 23 Mar 2022 21:24

Tgt Ion:	82	Resp:	1692
Ion Ratio	Lower	Upper	
82	100		
128	41.3	33.0	49.6
54	57.3	42.5	63.7





#11

2-Methylnaphthalene-d10

Concen: 0.281 ng

RT: 12.250 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN019102.D

Acq: 23 Mar 2022 21:24

Instrument :

BNA_N

ClientSampleId :

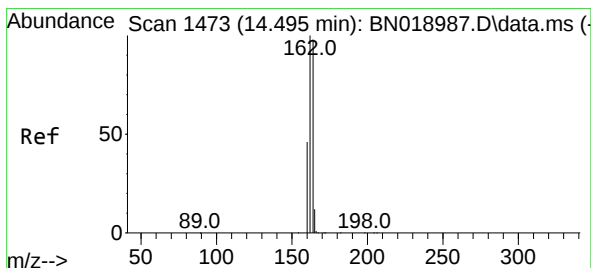
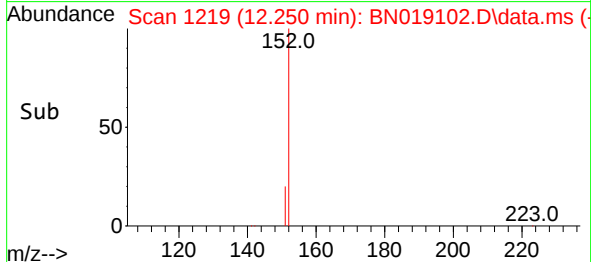
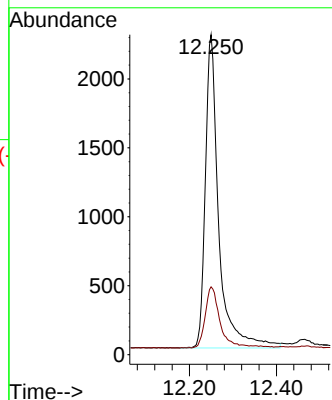
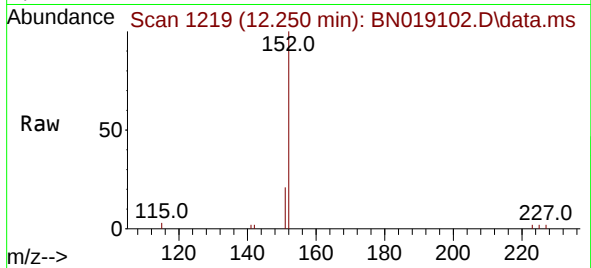
RE131D2-20220319

Tgt Ion:152 Resp: 4848

Ion Ratio Lower Upper

152 100

151 21.2 16.5 24.7



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.485 min Scan# 1472

Delta R.T. -0.011 min

Lab File: BN019102.D

Acq: 23 Mar 2022 21:24

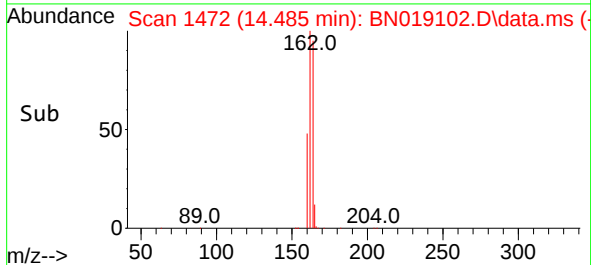
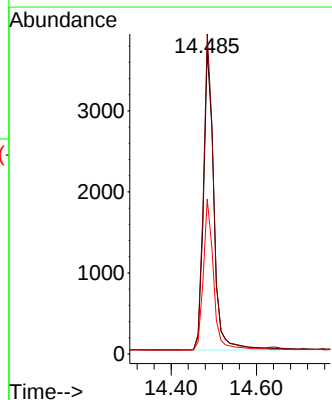
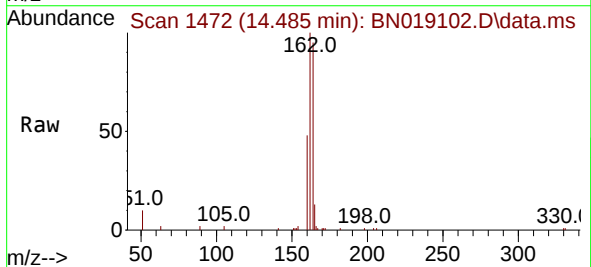
Tgt Ion:164 Resp: 6244

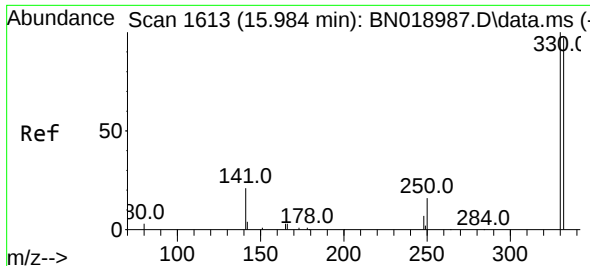
Ion Ratio Lower Upper

164 100

162 105.4 85.2 127.8

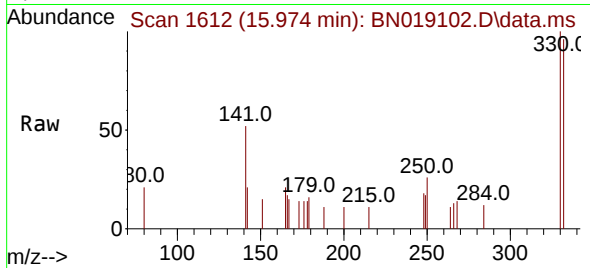
160 50.9 41.5 62.3





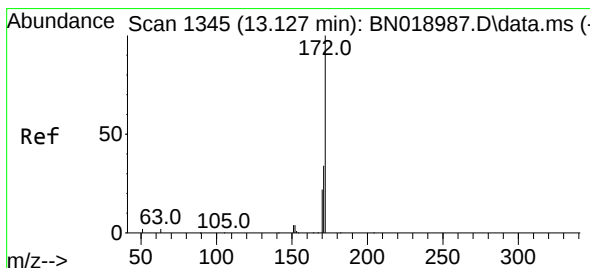
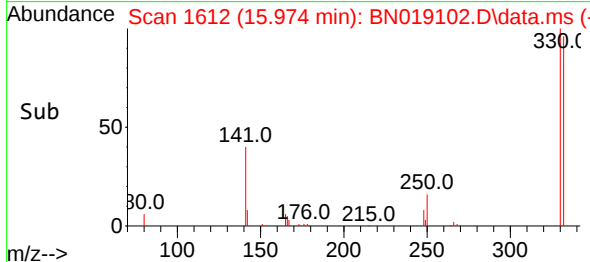
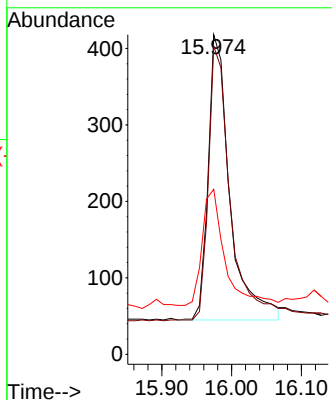
#14
 2,4,6-Tribromophenol
 Concen: 0.268 ng
 RT: 15.974 min Scan# 1612
 Delta R.T. -0.010 min
 Lab File: BN019102.D
 Acq: 23 Mar 2022 21:24

Instrument :
 BNA_N
 ClientSampleId :
 RE131D2-20220319



Tgt Ion:330 Resp: 808

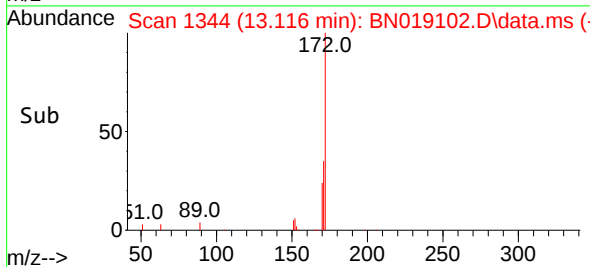
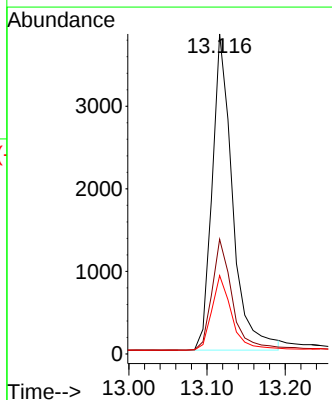
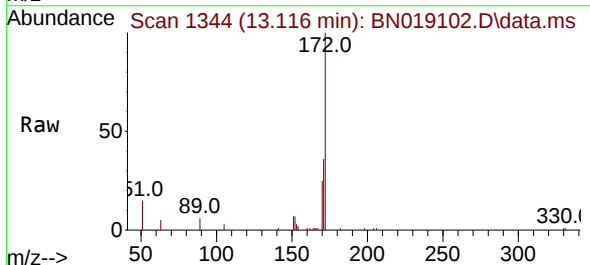
Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.8	115.2
141	42.1	32.2	48.2

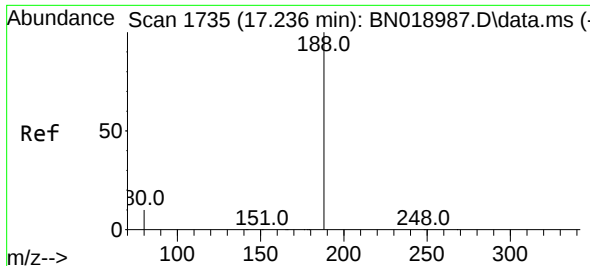


#15
 2-Fluorobiphenyl
 Concen: 0.278 ng
 RT: 13.116 min Scan# 1344
 Delta R.T. -0.011 min
 Lab File: BN019102.D
 Acq: 23 Mar 2022 21:24

Tgt Ion:172 Resp: 6952

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.2	42.2
170	24.5	18.7	28.1

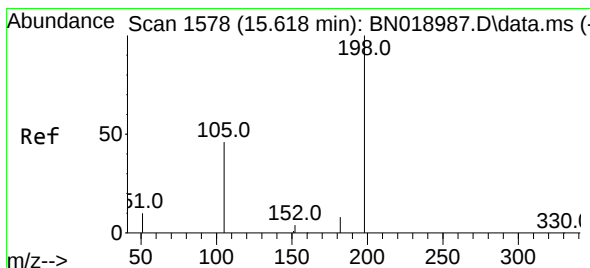
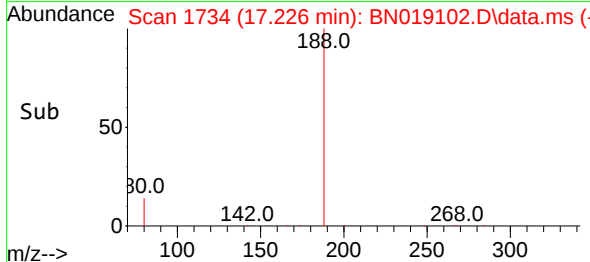
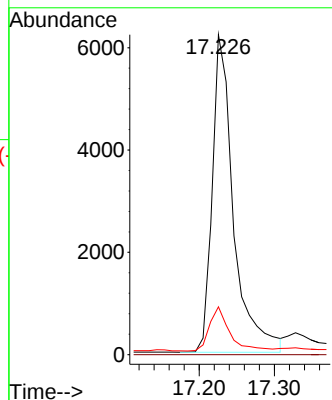
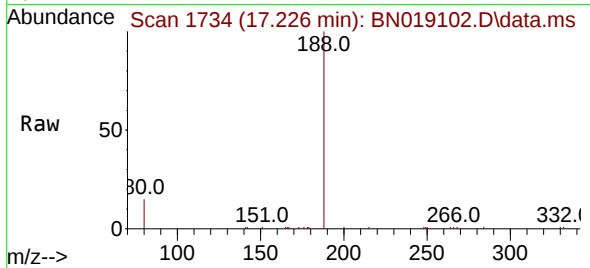




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.226 min Scan# 11
Delta R.T. -0.010 min
Lab File: BN019102.D
Acq: 23 Mar 2022 21:24

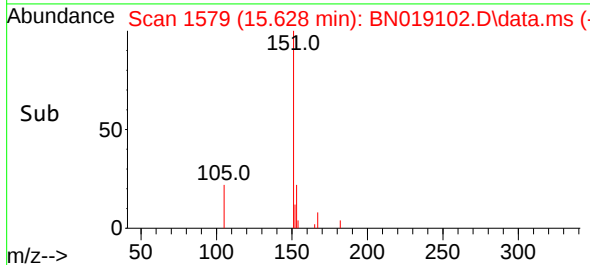
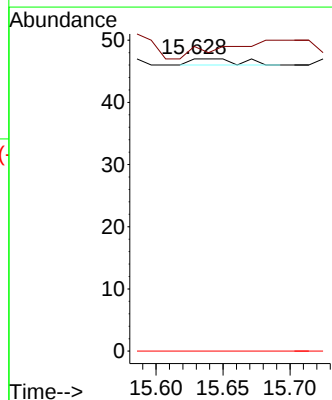
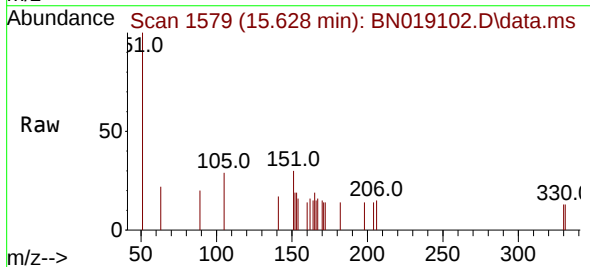
Instrument :
BNA_N
ClientSampleId :
RE131D2-20220319

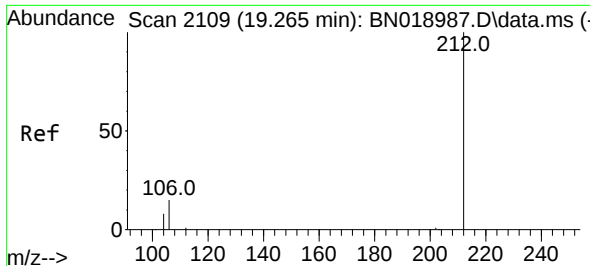
Tgt Ion:188 Resp: 12183
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.9 11.8 17.8



#20
4,6-Dinitro-2-methylphenol
Concen: 0.111 ng
RT: 15.628 min Scan# 1579
Delta R.T. 0.010 min
Lab File: BN019102.D
Acq: 23 Mar 2022 21:24

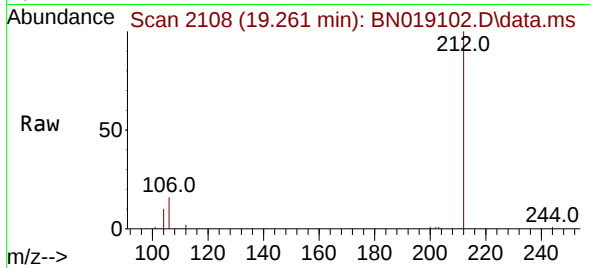
Tgt Ion:198 Resp: 3
Ion Ratio Lower Upper
198 100
182 104.3 13.0 19.4#
77 0.0 0.0 0.0



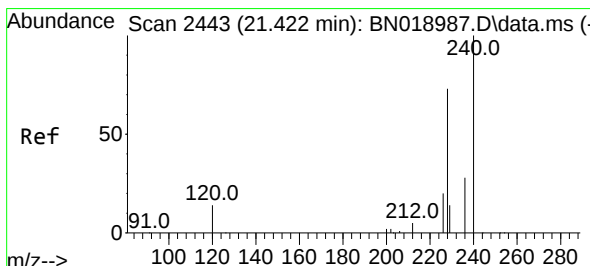
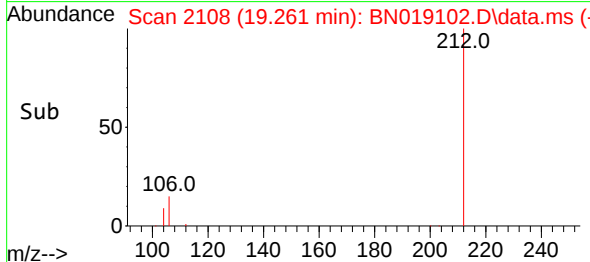
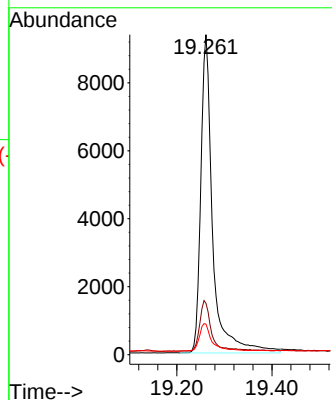


#27
Fluoranthene-d10
Concen: 0.449 ng
RT: 19.261 min Scan# 2108
Delta R.T. -0.004 min
Lab File: BN019102.D
Acq: 23 Mar 2022 21:24

Instrument :
BNA_N
ClientSampleId :
RE131D2-20220319

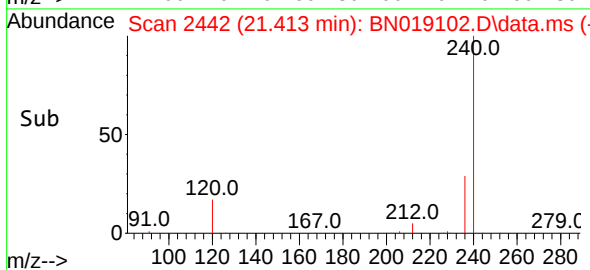
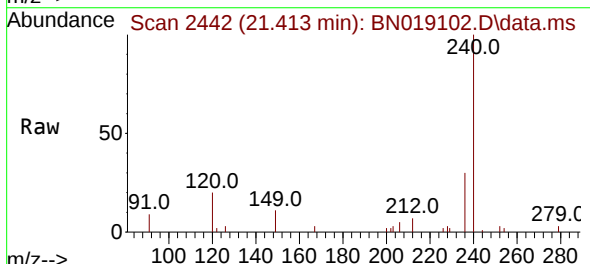
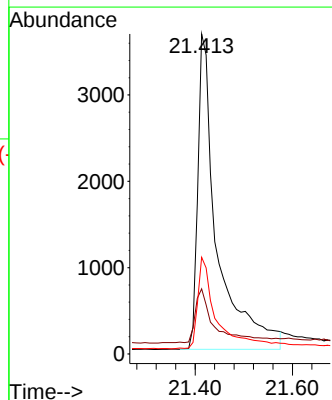


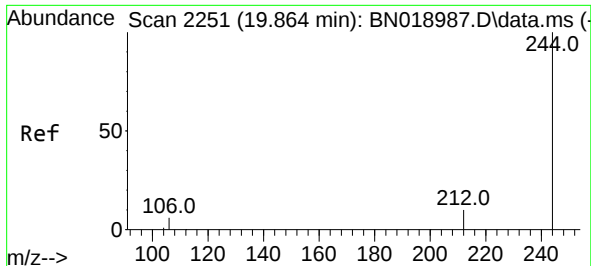
Tgt Ion:212 Resp: 16219
Ion Ratio Lower Upper
212 100
106 15.5 12.7 19.1
104 9.6 7.1 10.7



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.413 min Scan# 2442
Delta R.T. -0.009 min
Lab File: BN019102.D
Acq: 23 Mar 2022 21:24

Tgt Ion:240 Resp: 10085
Ion Ratio Lower Upper
240 100
120 20.4 8.5 12.7#
236 30.2 22.4 33.6

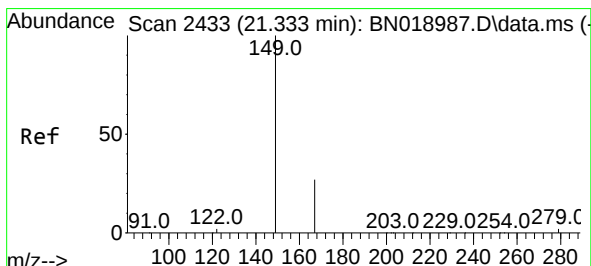
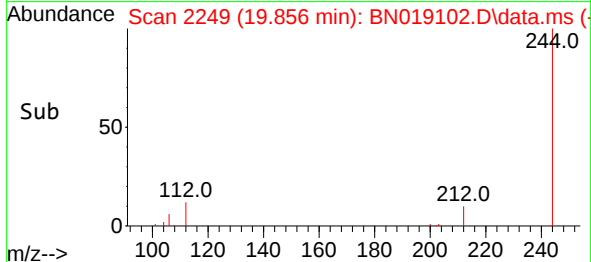
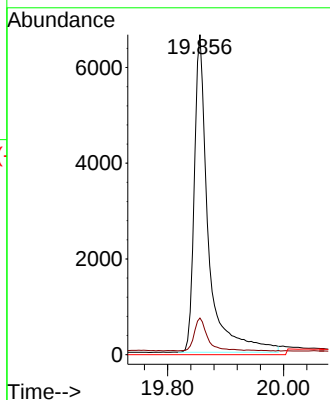
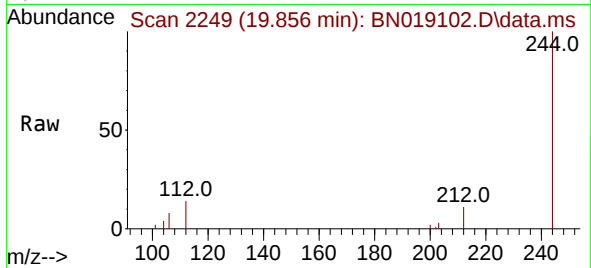




#31
 Terphenyl-d14
 Concen: 0.452 ng
 RT: 19.856 min Scan# 21199
 Delta R.T. -0.008 min
 Lab File: BN019102.D
 Acq: 23 Mar 2022 21:24

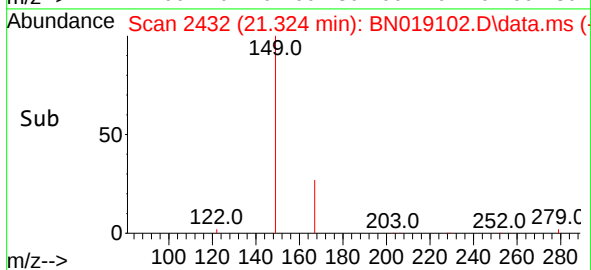
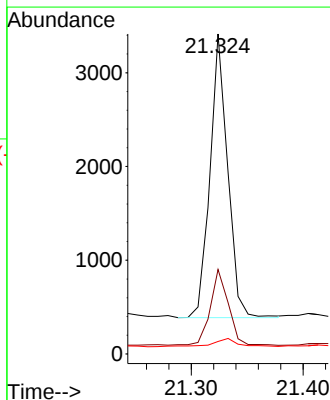
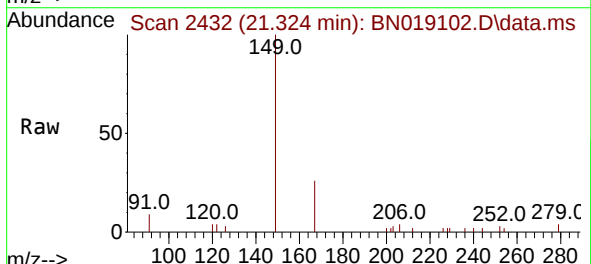
Instrument :
 BNA_N
 ClientSampleId :
 RE131D2-20220319

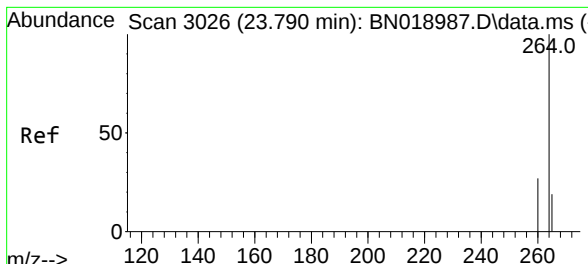
Tgt Ion:244	Resp:	11199
Ion Ratio	Lower	Upper
244	100	
212	11.4	8.2 12.4
122	0.0	0.0 0.0



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.161 ng
 RT: 21.324 min Scan# 2432
 Delta R.T. -0.009 min
 Lab File: BN019102.D
 Acq: 23 Mar 2022 21:24

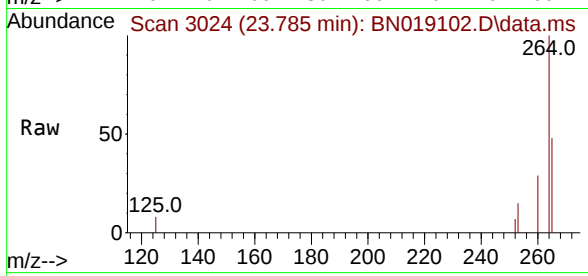
Tgt Ion:149	Resp:	3316
Ion Ratio	Lower	Upper
149	100	
167	27.1	21.8 32.8
279	4.1	2.0 3.0#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.785 min Scan# 30
 Delta R.T. -0.006 min
 Lab File: BN019102.D
 Acq: 23 Mar 2022 21:24

Instrument :
 BNA_N
 ClientSampleId :
 RE131D2-20220319



Tgt Ion:264 Resp: 7532

Ion	Ratio	Lower	Upper
264	100		
260	29.2	22.4	33.6
265	47.8	25.3	37.9

