

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071421\
 Data File : BN015569.D
 Acq On : 14 Jul 2021 18:27
 Operator : CG/JU
 Sample : M2953-02DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 15 01:05:10 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN063021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 14 11:20:16 2021
 Response via : Initial Calibration

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

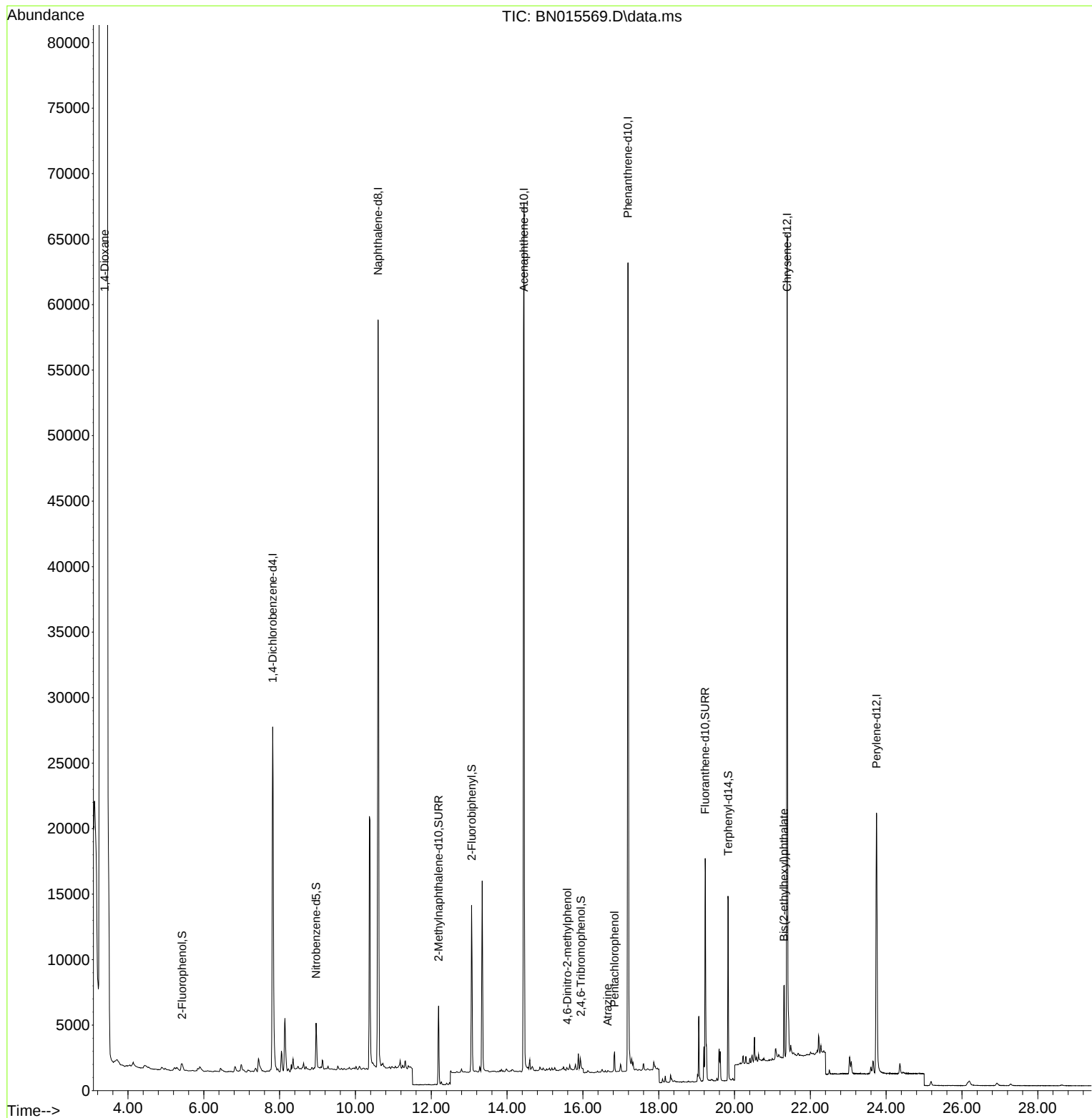
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.817	152	16503	0.40	ng	# 0.00
7) Naphthalene-d8	10.596	136	77669	0.40	ng	# 0.00
13) Acenaphthene-d10	14.446	164	42900	0.40	ng	0.01
19) Phenanthrene-d10	17.188	188	83871	0.40	ng	0.00
29) Chrysene-d12	21.386	240	56679	0.40	ng	# 0.00
35) Perylene-d12	23.744	264	30200	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.429	112	981	0.02	ng	0.00
5) Phenol-d6	6.987	99	663	0.01	ng	0.00
8) Nitrobenzene-d5	8.962	82	3240	0.07	ng	0.00
11) 2-Methylnaphthalene-d10	12.194	152	8173	0.06	ng	0.00
14) 2,4,6-Tribromophenol	15.943	330	735	0.26	ng	0.01
15) 2-Fluorobiphenyl	13.063	172	11409	0.07	ng	0.00
27) Fluoranthene-d10	19.226	212	19315	0.08	ng	0.00
31) Terphenyl-d14	19.832	244	14440	0.11	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.382	88	41819	5.40	ng	# 62
20) 4,6-Dinitro-2-methylph...	15.588	198	9	0.20	ng	# 2
23) Atrazine	16.652	200	89	0.17	ng	# 47
24) Pentachlorophenol	16.835	266	1245	0.37	ng	# 35
34) Bis(2-ethylhexyl)phtha...	21.301	149	6092	0.24	ng	# 87

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

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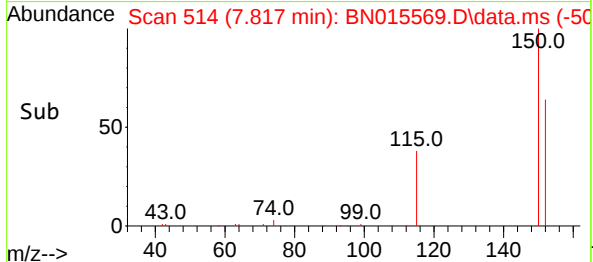
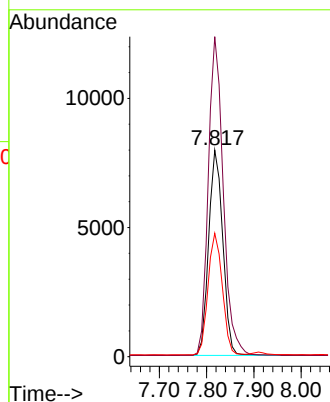
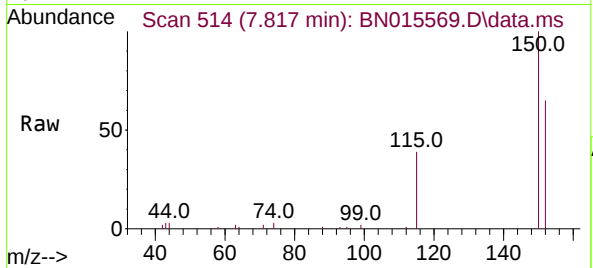




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.817 min Scan# 514
 Delta R.T. 0.000 min
 Lab File: BN015569.D
 Acq: 14 Jul 2021 18:27

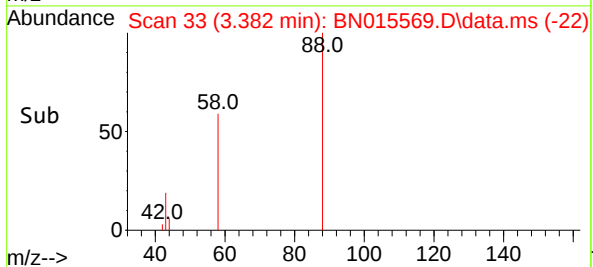
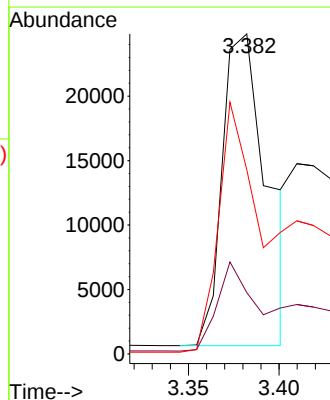
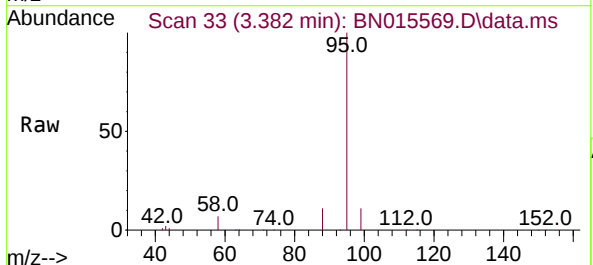
Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:152 Resp: 16503
 Ion Ratio Lower Upper
 152 100
 150 154.9 119.0 178.6
 115 59.7 62.2 93.4#



#2
 1,4-Dioxane
 Concen: 5.40 ng
 RT: 3.382 min Scan# 33
 Delta R.T. 0.000 min
 Lab File: BN015569.D
 Acq: 14 Jul 2021 18:27

Tgt Ion: 88 Resp: 41819
 Ion Ratio Lower Upper
 88 100
 43 26.9 12.9 19.3#
 58 75.9 38.1 57.1#

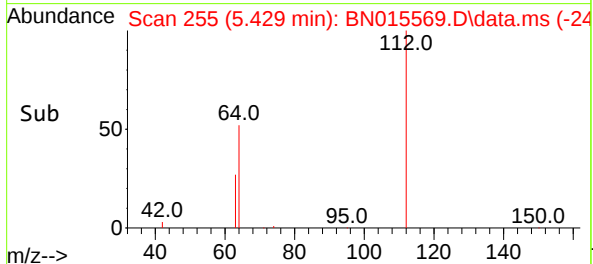
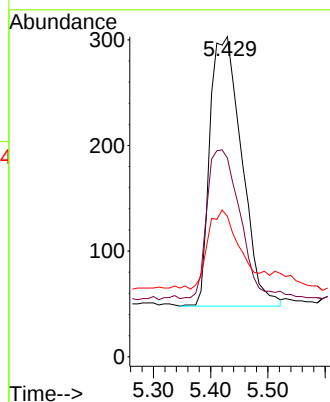
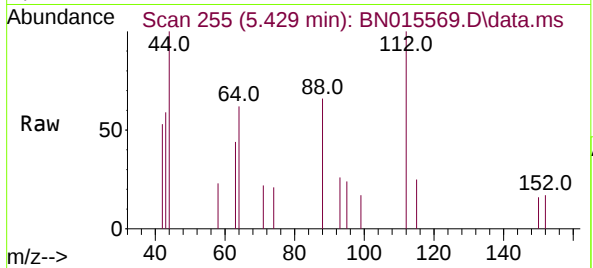




#4
2-Fluorophenol
Concen: 0.02 ng
RT: 5.429 min Scan# 255
Delta R.T. 0.009 min
Lab File: BN015569.D
Acq: 14 Jul 2021 18:27

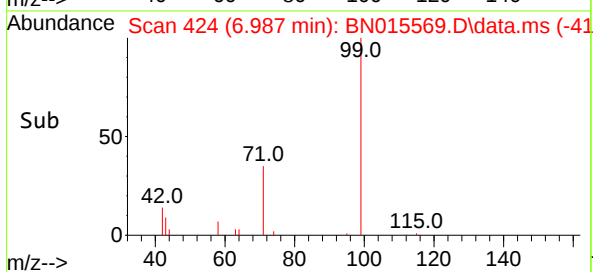
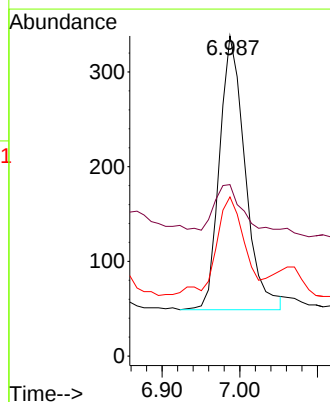
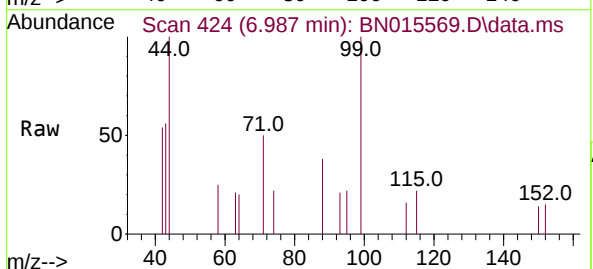
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:	112	Resp:	981
Ion	Ratio	Lower	Upper
112	100		
64	57.8	39.0	58.6
63	29.1	20.6	30.8



#5
Phenol-d6
Concen: 0.01 ng
RT: 6.987 min Scan# 424
Delta R.T. 0.000 min
Lab File: BN015569.D
Acq: 14 Jul 2021 18:27

Tgt Ion:	99	Resp:	663
Ion	Ratio	Lower	Upper
99	100		
42	16.6	8.9	13.3#
71	39.8	35.6	53.4

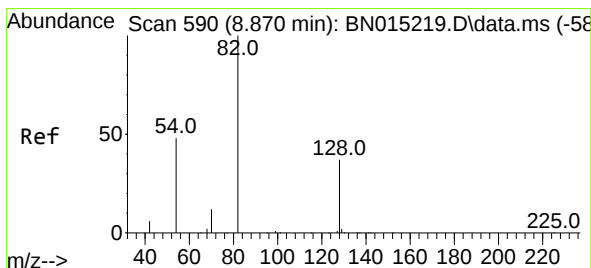
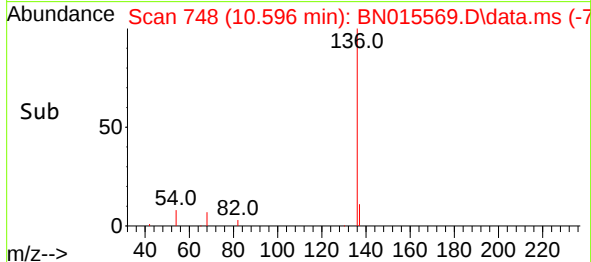
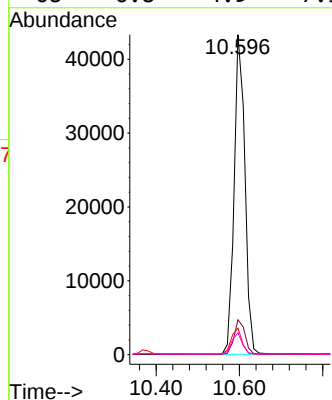
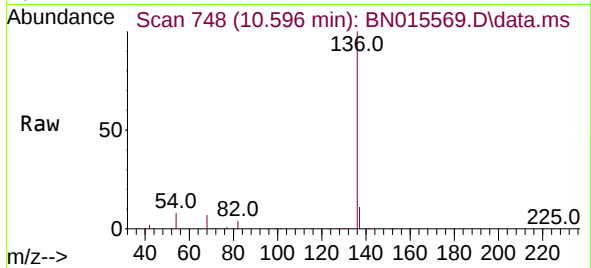




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.596 min Scan# 748
Delta R.T. 0.000 min
Lab File: BN015569.D
Acq: 14 Jul 2021 18:27

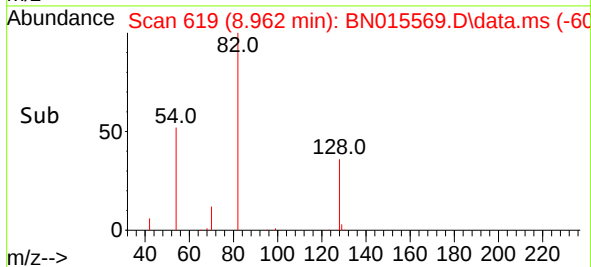
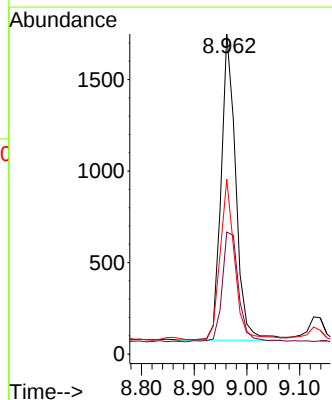
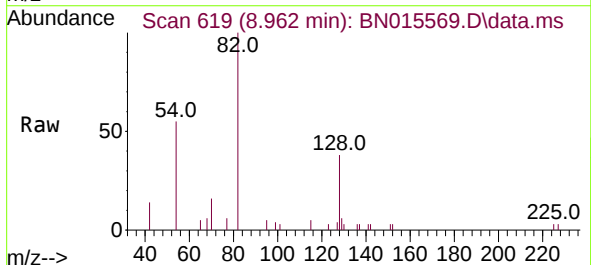
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136	Resp:	77669
Ion Ratio	Lower	Upper
136	100	
137	10.9	9.8 14.8
54	8.3	5.4 8.2#
68	6.8	4.9 7.3



#8
Nitrobenzene-d5
Concen: 0.07 ng
RT: 8.962 min Scan# 619
Delta R.T. 0.000 min
Lab File: BN015569.D
Acq: 14 Jul 2021 18:27

Tgt Ion: 82	Resp:	3240
Ion Ratio	Lower	Upper
82	100	
128	38.1	31.6 47.4
54	54.6	29.0 43.4#

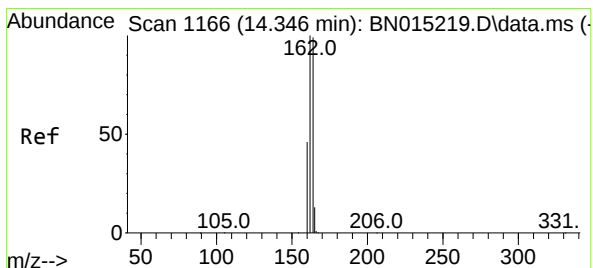
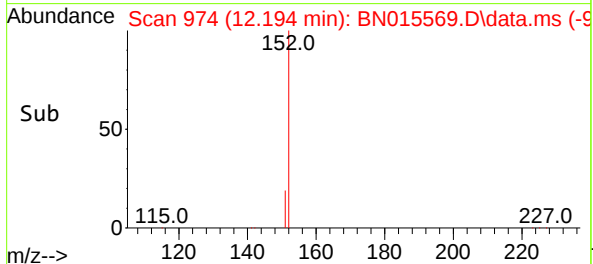
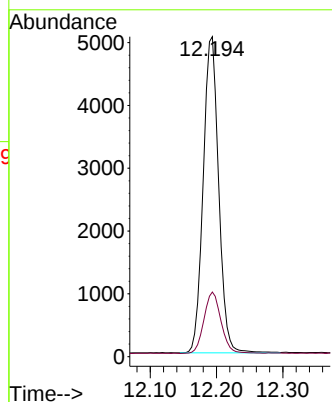
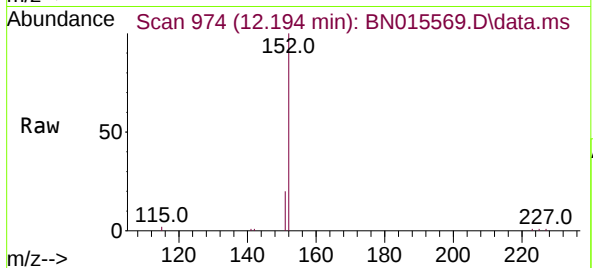




#11
2-Methylnaphthalene-d10
Concen: 0.06 ng
RT: 12.194 min Scan# 974
Delta R.T. 0.004 min
Lab File: BN015569.D
Acq: 14 Jul 2021 18:27

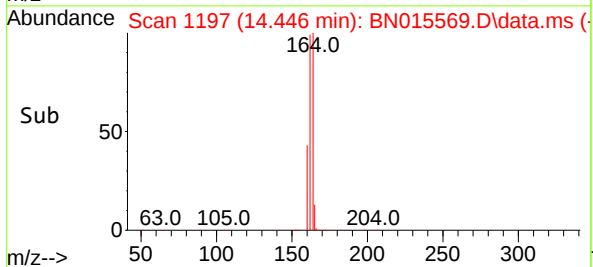
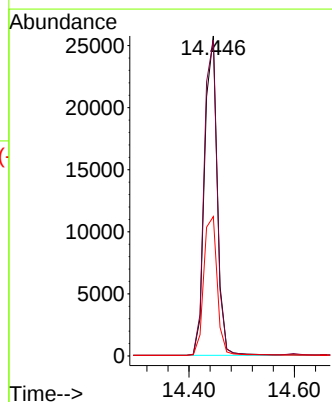
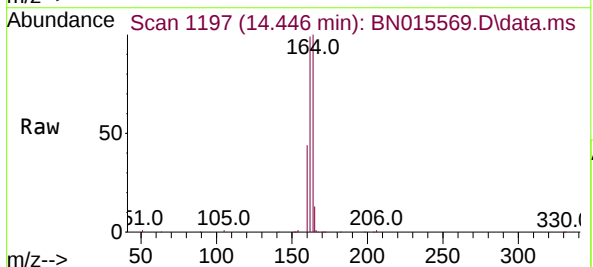
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 8173
Ion Ratio Lower Upper
152 100
151 21.5 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.446 min Scan# 1197
Delta R.T. 0.013 min
Lab File: BN015569.D
Acq: 14 Jul 2021 18:27

Tgt Ion:164 Resp: 42900
Ion Ratio Lower Upper
164 100
162 98.7 83.8 125.6
160 43.6 37.4 56.0

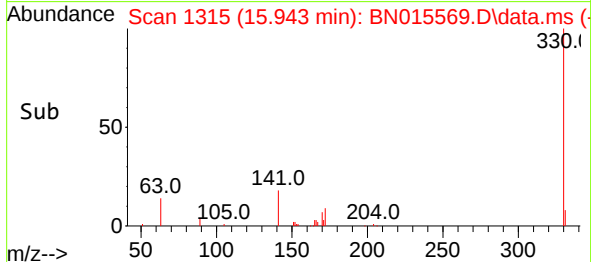
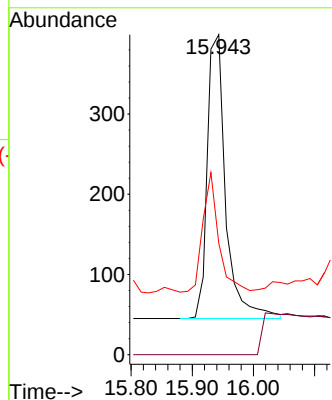
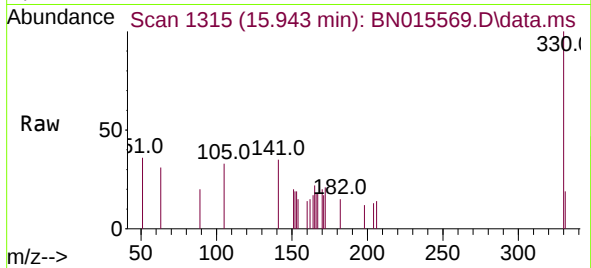




#14
2,4,6-Tribromophenol
Concen: 0.26 ng
RT: 15.943 min Scan# 1315
Delta R.T. 0.013 min
Lab File: BN015569.D
Acq: 14 Jul 2021 18:27

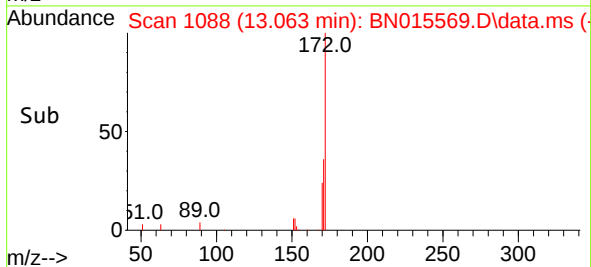
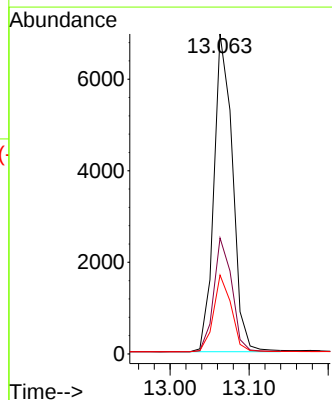
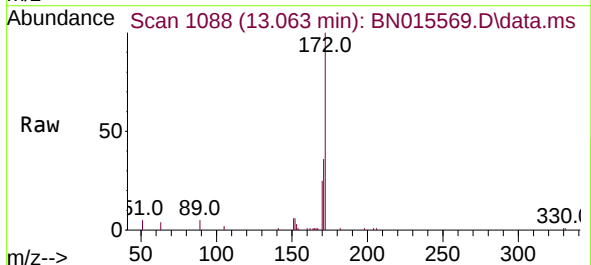
Instrument :
BNA_N
ClientSampleId :

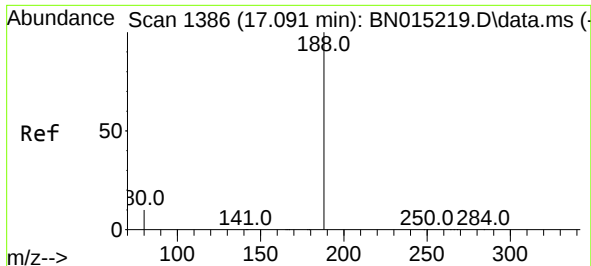
Tgt Ion: 330 Resp: 735
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 36.5 22.4 33.6#



#15
2-Fluorobiphenyl
Concen: 0.07 ng
RT: 13.063 min Scan# 1088
Delta R.T. 0.000 min
Lab File: BN015569.D
Acq: 14 Jul 2021 18:27

Tgt Ion: 172 Resp: 11409
Ion Ratio Lower Upper
172 100
171 36.3 30.6 45.8
170 24.6 20.2 30.4

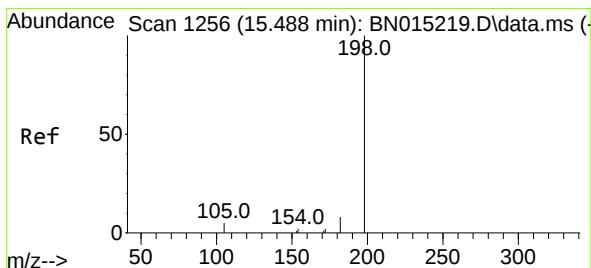
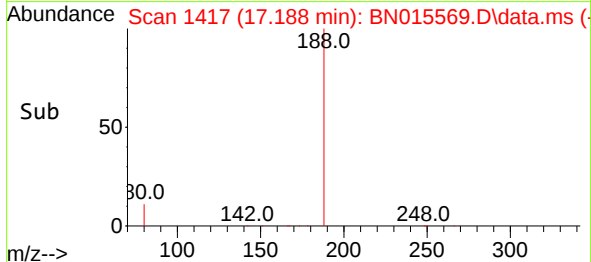
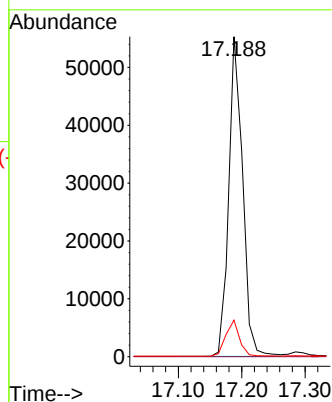
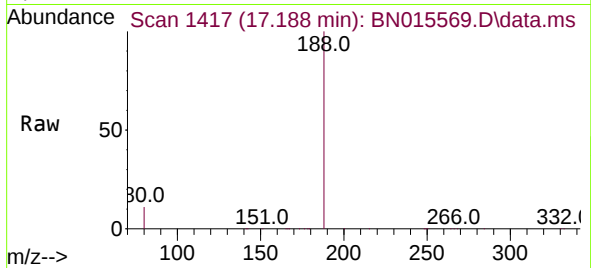




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.188 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BN015569.D
Acq: 14 Jul 2021 18:27

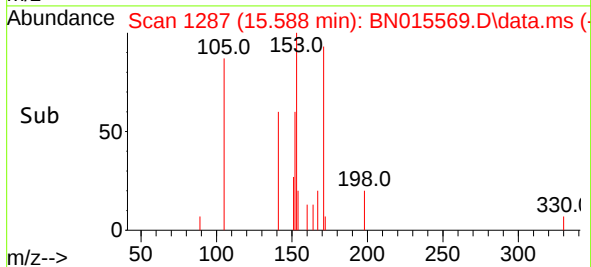
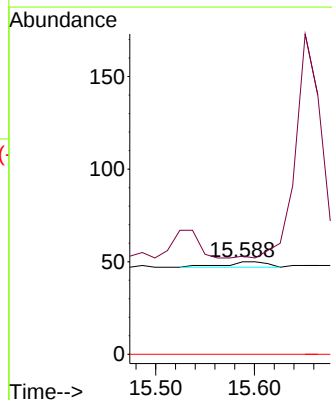
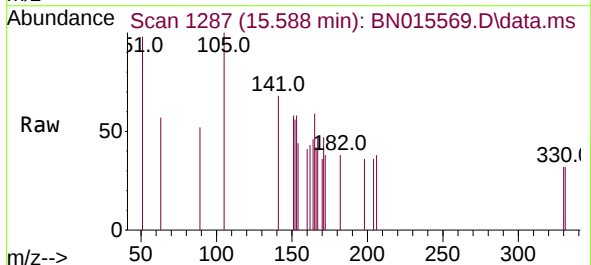
Instrument :
BNA_N
ClientSampled :

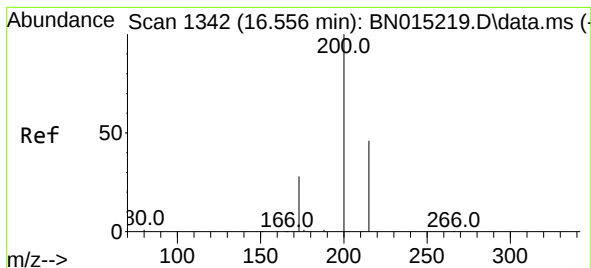
Tgt Ion:188 Resp: 83871
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.4 9.0 13.4



#20
4,6-Dinitro-2-methylphenol
Concen: 0.20 ng
RT: 15.588 min Scan# 1287
Delta R.T. 0.013 min
Lab File: BN015569.D
Acq: 14 Jul 2021 18:27

Tgt Ion:198 Resp: 9
Ion Ratio Lower Upper
198 100
182 106.0 34.5 51.7#
77 0.0 0.0 0.0





#23

Atrazine

Concen: 0.17 ng

RT: 16.652 min Scan# 1373

Delta R.T. -0.000 min

Lab File: BN015569.D

Acq: 14 Jul 2021 18:27

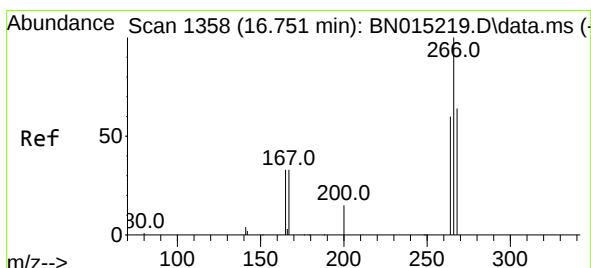
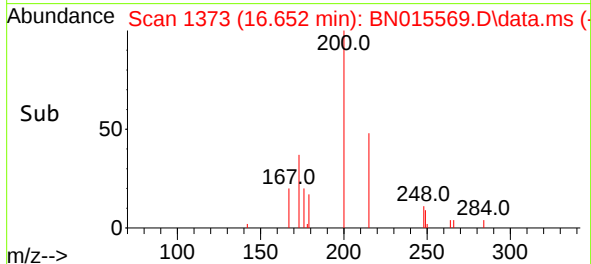
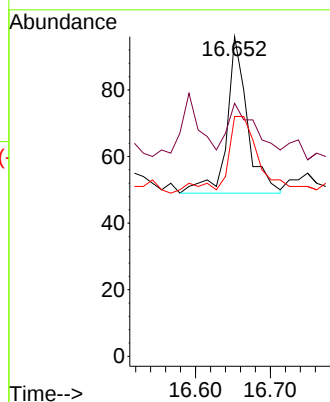
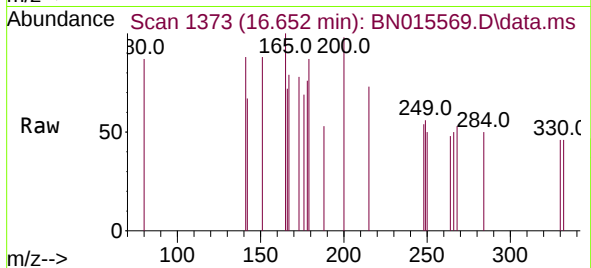
Tgt Ion:200 Resp: 89

Ion Ratio Lower Upper

200 100

173 79.2 21.7 32.5#

215 75.0 43.1 64.7#



#24

Pentachlorophenol

Concen: 0.37 ng

RT: 16.835 min Scan# 1388

Delta R.T. -0.012 min

Lab File: BN015569.D

Acq: 14 Jul 2021 18:27

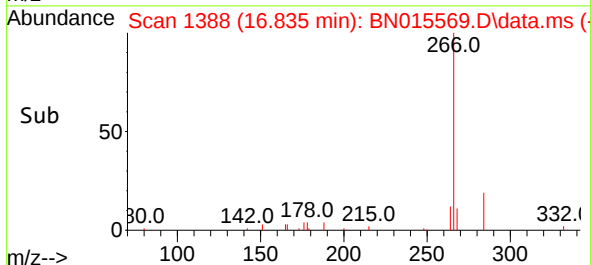
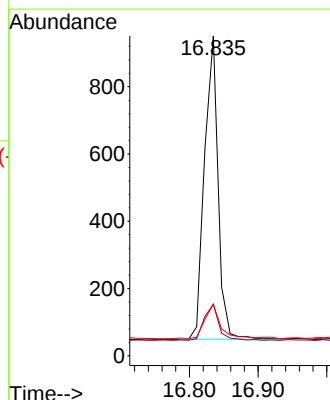
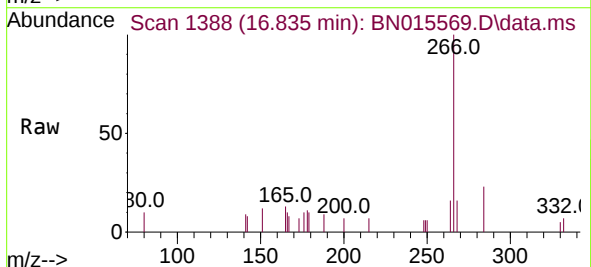
Tgt Ion:266 Resp: 1245

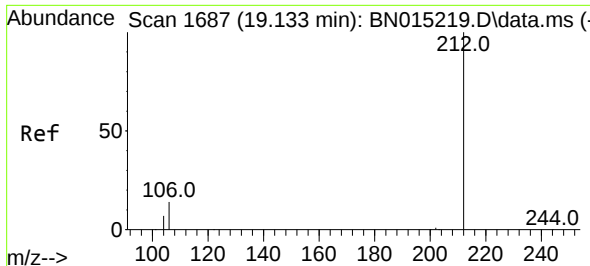
Ion Ratio Lower Upper

266 100

264 12.9 51.0 76.4#

268 13.3 50.6 76.0#

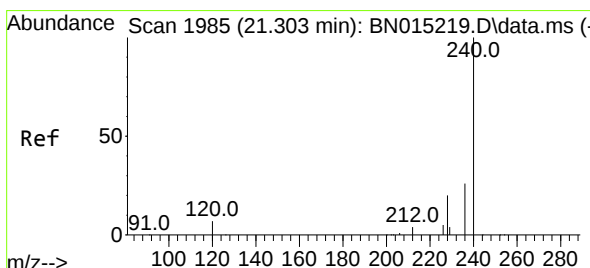
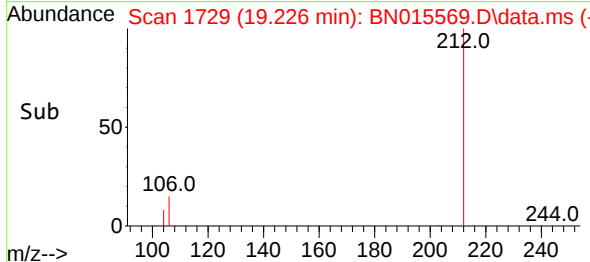
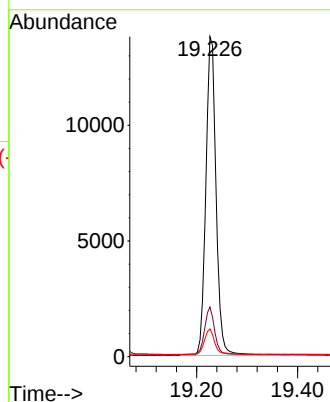
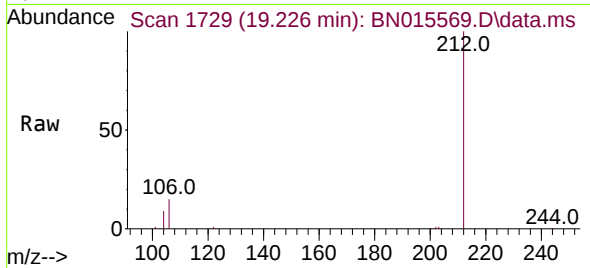




#27
Fluoranthene-d10
Concen: 0.08 ng
RT: 19.226 min Scan# 1729
Delta R.T. 0.000 min
Lab File: BN015569.D
Acq: 14 Jul 2021 18:27

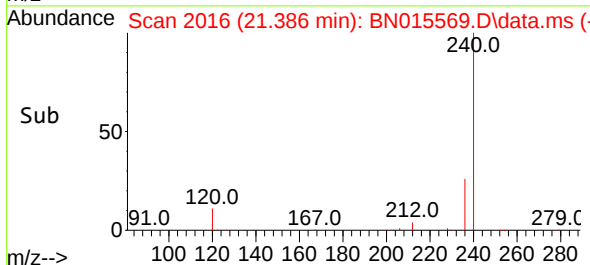
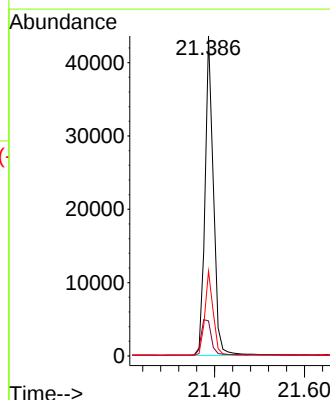
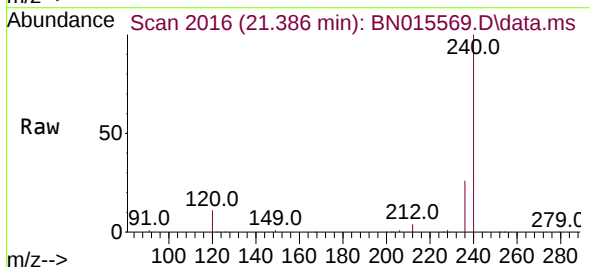
Instrument :
BNA_N
ClientSampleId :

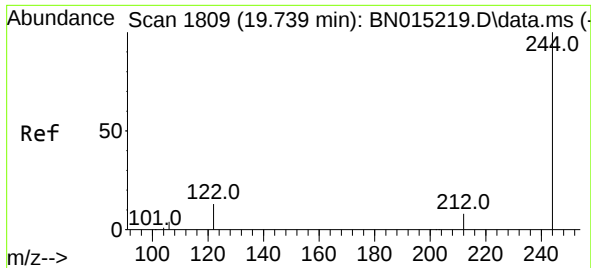
Tgt Ion:212 Resp: 19315
Ion Ratio Lower Upper
212 100
106 14.5 7.0 10.6#
104 8.2 4.1 6.1#



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.386 min Scan# 2016
Delta R.T. -0.000 min
Lab File: BN015569.D
Acq: 14 Jul 2021 18:27

Tgt Ion:240 Resp: 56679
Ion Ratio Lower Upper
240 100
120 10.9 4.2 6.4#
236 26.5 21.4 32.2

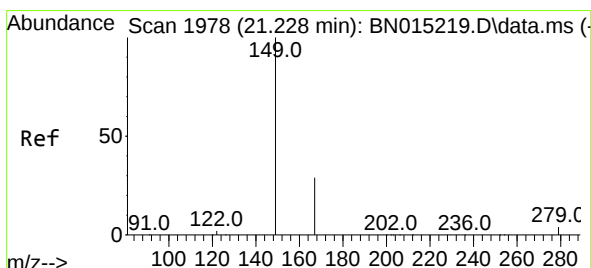
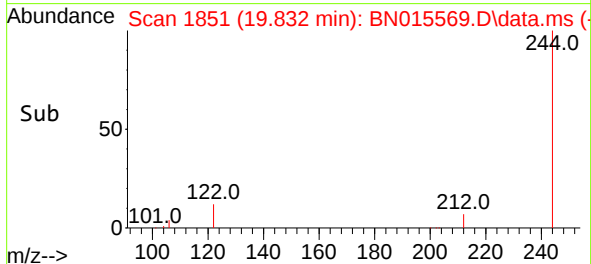
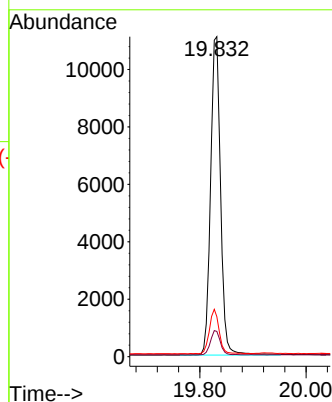
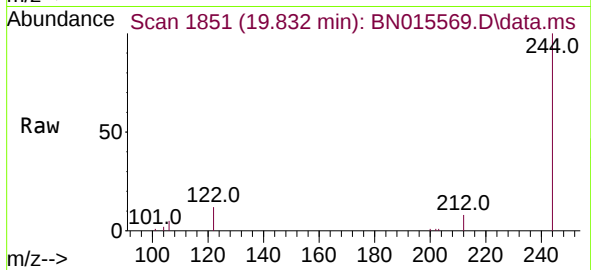




#31
 Terphenyl-d14
 Concen: 0.11 ng
 RT: 19.832 min Scan# 1851
 Delta R.T. 0.005 min
 Lab File: BN015569.D
 Acq: 14 Jul 2021 18:27

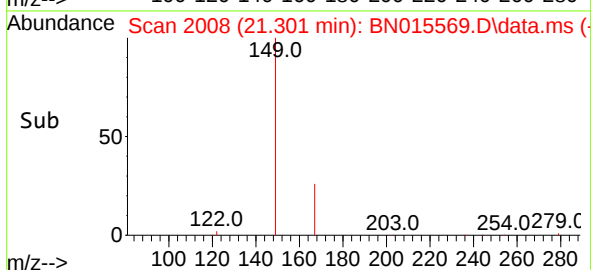
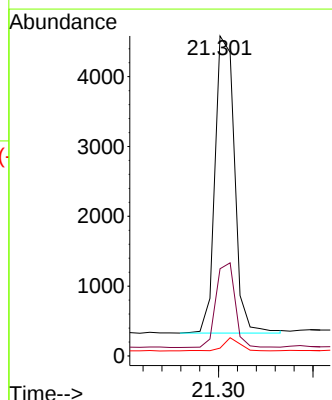
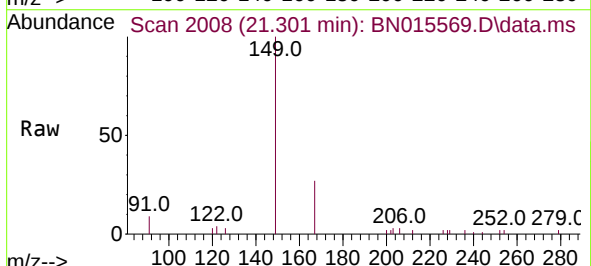
Instrument :
 BNA_N
 ClientSampleId :

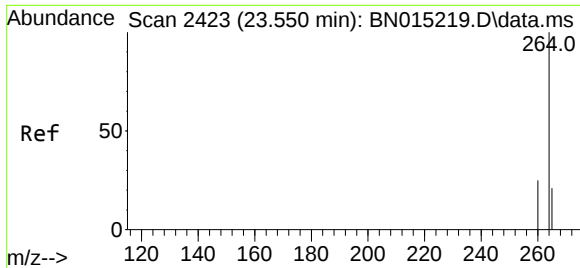
Tgt Ion:244 Resp: 14440
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.3 9.5
 122 12.5 6.2 9.2#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.24 ng
 RT: 21.301 min Scan# 2008
 Delta R.T. -0.011 min
 Lab File: BN015569.D
 Acq: 14 Jul 2021 18:27

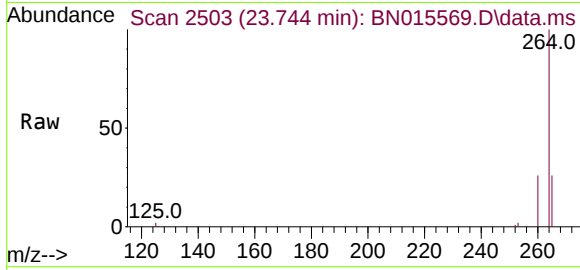
Tgt Ion:149 Resp: 6092
 Ion Ratio Lower Upper
 149 100
 167 27.8 28.9 43.3#
 279 3.9 4.9 7.3#





#35
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.744 min Scan# 2503
 Delta R.T. -0.003 min
 Lab File: BN015569.D
 Acq: 14 Jul 2021 18:27

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:264 Resp: 30200

Ion	Ratio	Lower	Upper
264	100		
260	25.7	20.6	31.0
265	25.7	21.4	32.2

