

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070721\
 Data File : BN015398.D
 Acq On : 08 Jul 2021 07:45
 Operator : CG/JU
 Sample : M2953-06
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 08 08:41:06 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 07 11:11:38 2021
 Response via : Initial Calibration

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

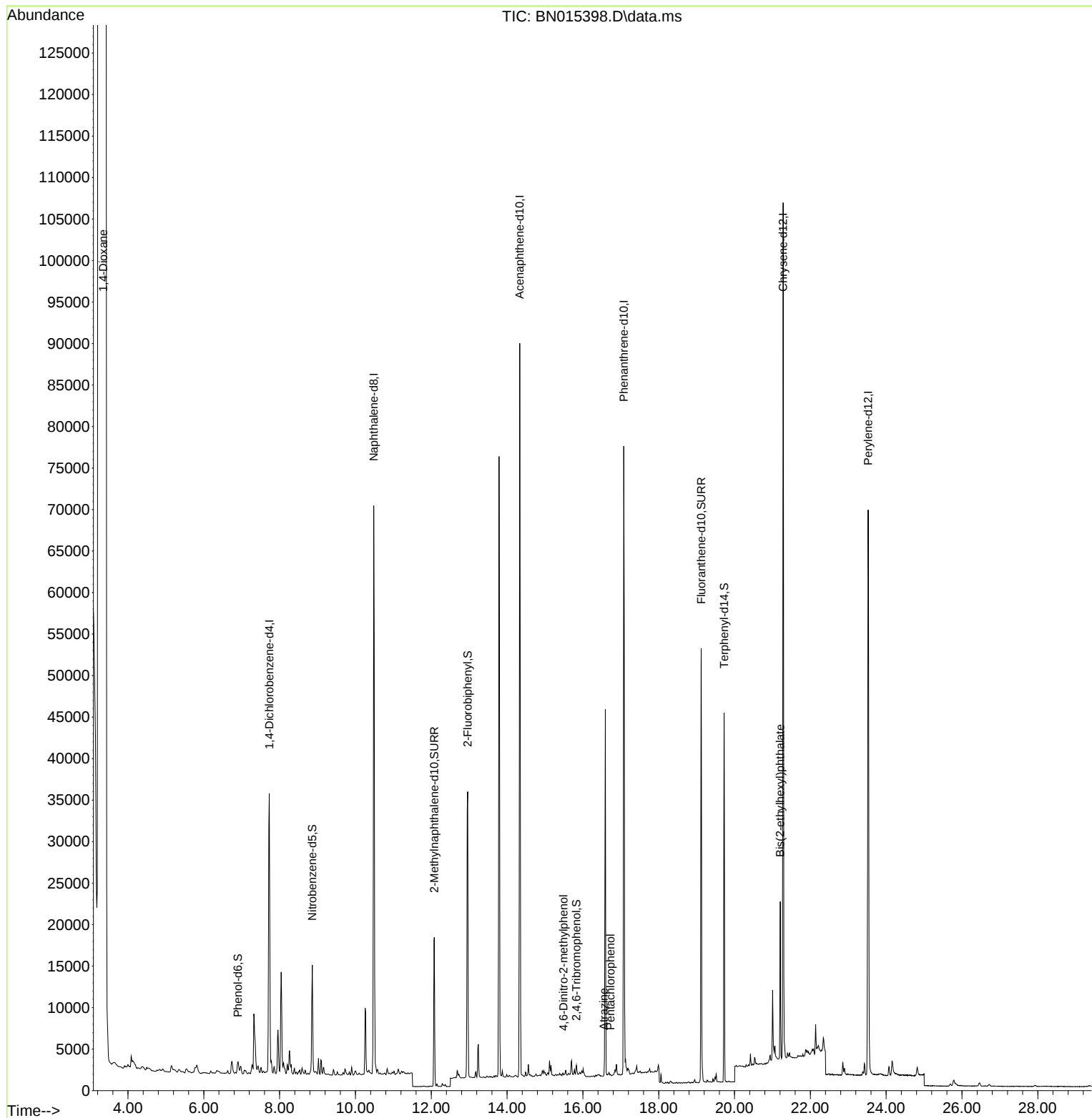
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.725	152	20533	0.40	ng	# 0.00
7) Naphthalene-d8	10.483	136	94011	0.40	ng	# 0.00
13) Acenaphthene-d10	14.332	164	51548	0.40	ng	0.00
19) Phenanthrene-d10	17.078	188	103155	0.40	ng	0.00
29) Chrysene-d12	21.280	240	94679	0.40	ng	#-0.01
35) Perylene-d12	23.525	264	89204	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.356	112	765	0.01	ng	0.02
5) Phenol-d6	6.895	99	1618	0.02	ng	0.00
8) Nitrobenzene-d5	8.860	82	11214	0.21	ng	0.00
11) 2-Methylnaphthalene-d10	12.078	152	24091	0.15	ng	0.00
14) 2,4,6-Tribromophenol	15.829	330	723	0.25	ng	0.00
15) 2-Fluorobiphenyl	12.962	172	33394	0.16	ng	0.00
27) Fluoranthene-d10	19.122	212	56911	0.19	ng	0.00
31) Terphenyl-d14	19.723	244	44238	0.20	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.345	88	10970	1.14	ng	# 63
20) 4,6-Dinitro-2-methylph...	15.487	198	4	0.19	ng	# 1
23) Atrazine	16.555	200	30	0.17	ng	# 1
24) Pentachlorophenol	16.725	266	80	0.25	ng	# 39
34) Bis(2-ethylhexyl)phtha...	21.206	149	15374	0.28	ng	# 87

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

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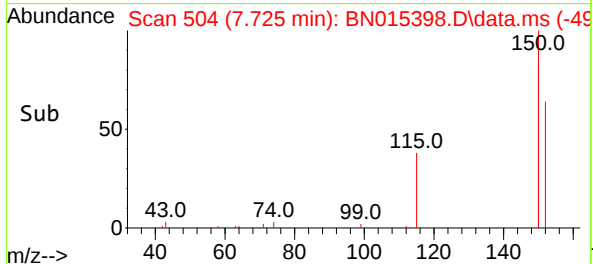
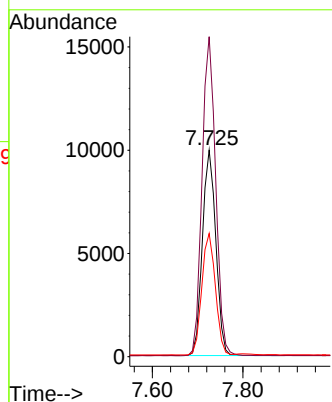
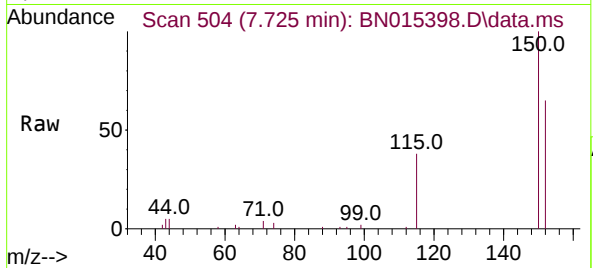




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.725 min Scan# 504
 Delta R.T. 0.000 min
 Lab File: BN015398.D
 Acq: 08 Jul 2021 07:45

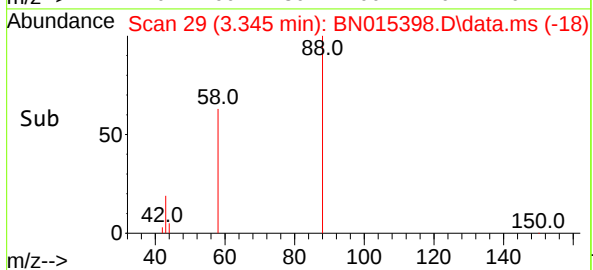
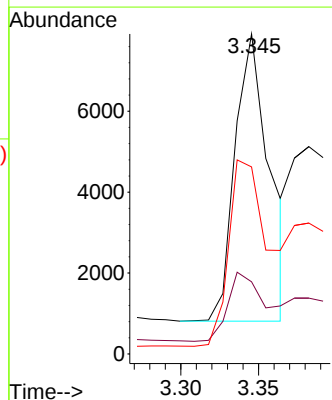
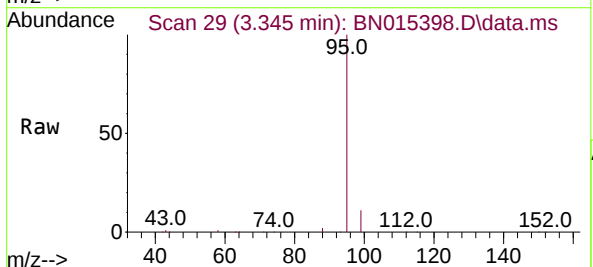
Instrument :
 BNA_N
 ClientSampled :

Tgt Ion:152 Resp: 20533
 Ion Ratio Lower Upper
 152 100
 150 155.0 119.0 178.6
 115 59.6 62.2 93.4#



#2
 1,4-Dioxane
 Concen: 1.14 ng
 RT: 3.345 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: BN015398.D
 Acq: 08 Jul 2021 07:45

Tgt Ion: 88 Resp: 10970
 Ion Ratio Lower Upper
 88 100
 43 27.2 12.9 19.3#
 58 75.2 38.1 57.1#

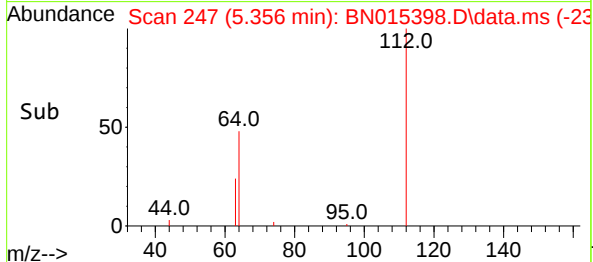
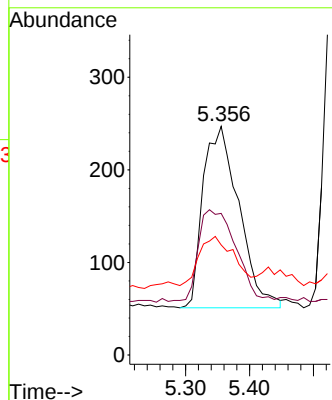
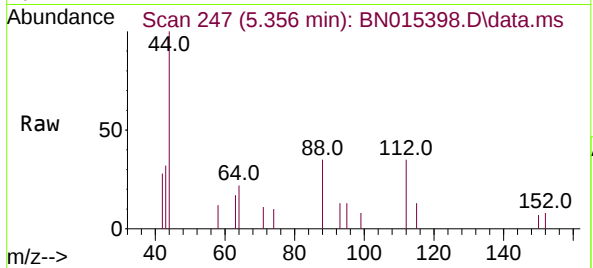




#4
2-Fluorophenol
Concen: 0.01 ng
RT: 5.356 min Scan# 247
Delta R.T. 0.018 min
Lab File: BN015398.D
Acq: 08 Jul 2021 07:45

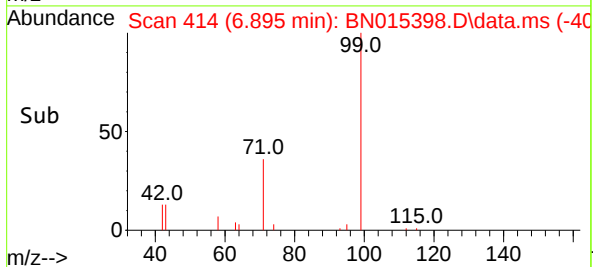
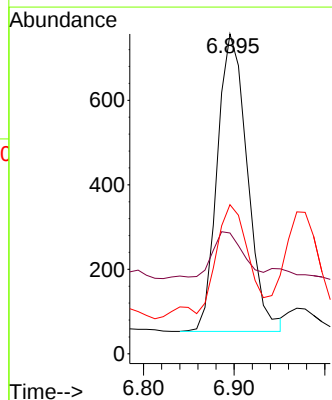
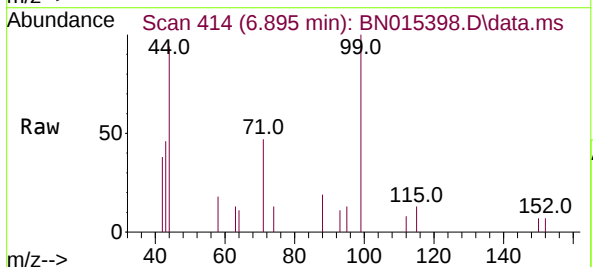
Instrument :
BNA_N
ClientSampled :

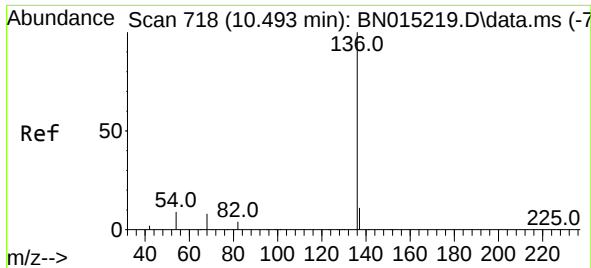
Tgt Ion:	112	Resp:	765
Ion	Ratio	Lower	Upper
112	100		
64	51.8	39.0	58.6
63	25.8	20.6	30.8



#5
Phenol-d6
Concen: 0.02 ng
RT: 6.895 min Scan# 414
Delta R.T. -0.000 min
Lab File: BN015398.D
Acq: 08 Jul 2021 07:45

Tgt Ion:	99	Resp:	1618
Ion	Ratio	Lower	Upper
99	100		
42	16.6	8.9	13.3#
71	44.1	35.6	53.4

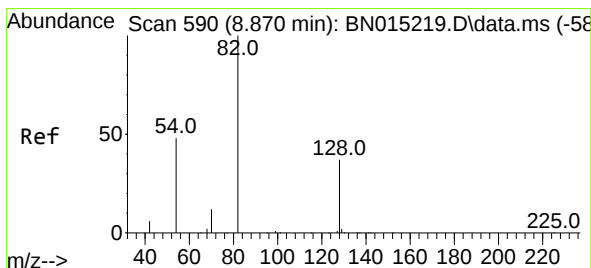
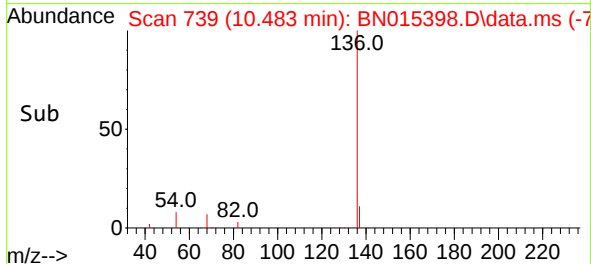
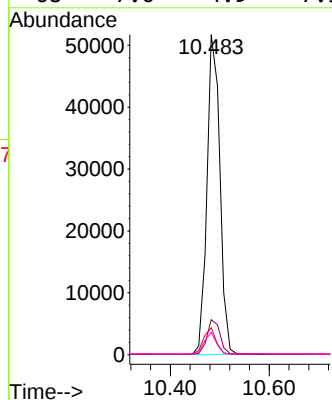
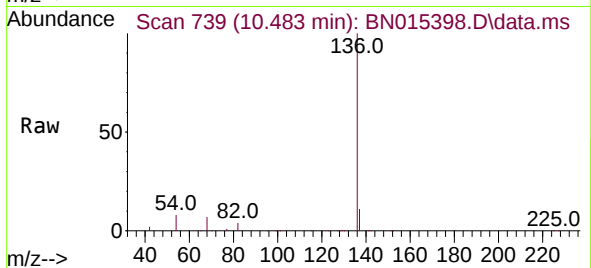




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.483 min Scan# 739
Delta R.T. -0.000 min
Lab File: BN015398.D
Acq: 08 Jul 2021 07:45

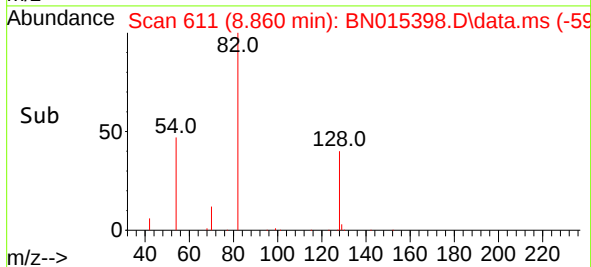
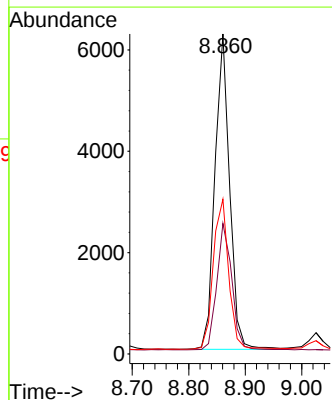
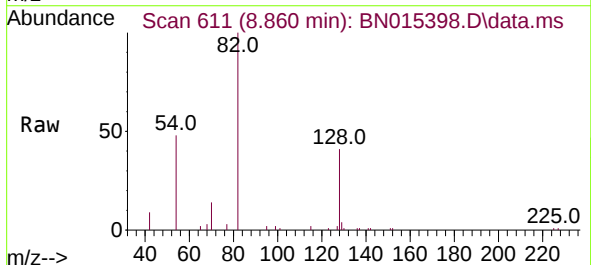
Instrument :
BNA_N
ClientSampleId :

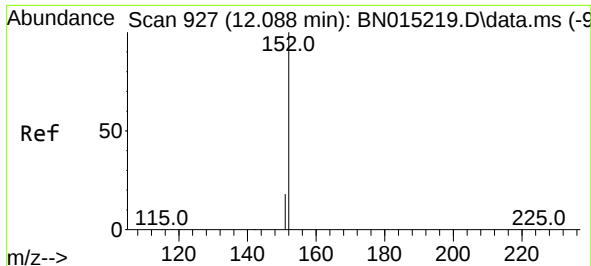
Tgt Ion:	136	Resp:	94011
Ion Ratio	Lower	Upper	
136	100		
137	10.9	9.8	14.8
54	8.4	5.4	8.2#
68	7.0	4.9	7.3



#8
Nitrobenzene-d5
Concen: 0.21 ng
RT: 8.860 min Scan# 611
Delta R.T. -0.000 min
Lab File: BN015398.D
Acq: 08 Jul 2021 07:45

Tgt Ion:	82	Resp:	11214
Ion Ratio	Lower	Upper	
82	100		
128	40.8	31.6	47.4
54	48.3	29.0	43.4#

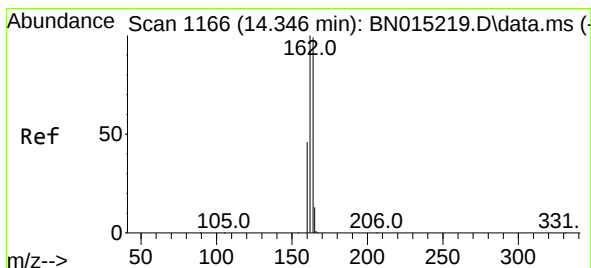
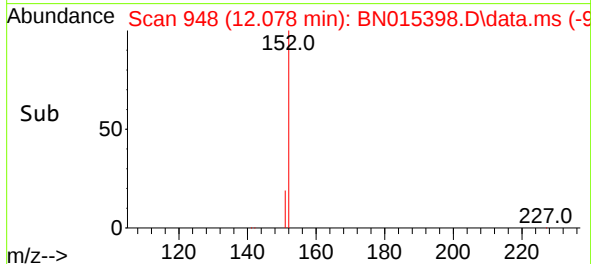
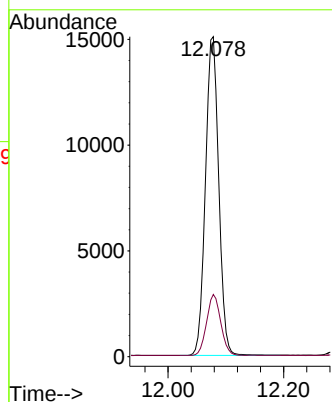
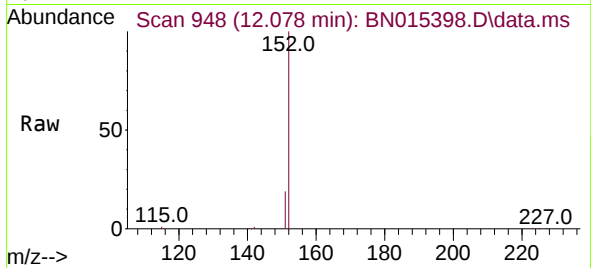




#11
2-Methylnaphthalene-d10
Concen: 0.15 ng
RT: 12.078 min Scan# 948
Delta R.T. -0.000 min
Lab File: BN015398.D
Acq: 08 Jul 2021 07:45

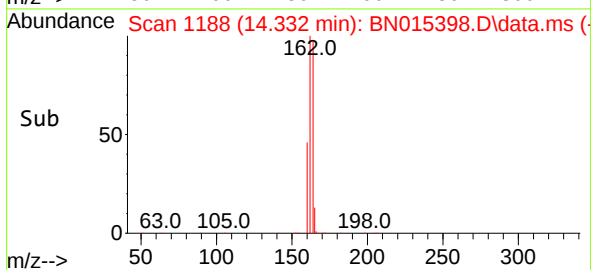
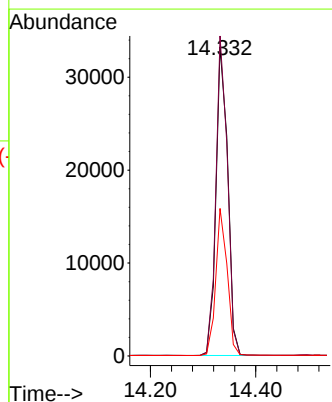
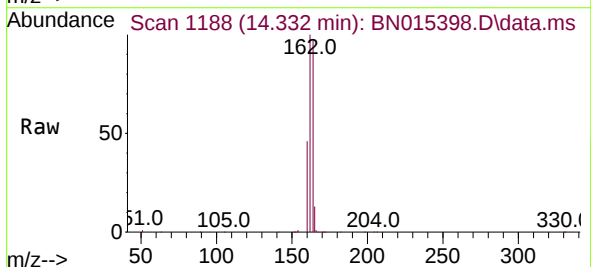
Instrument :
BNA_N
ClientSampled :

Tgt Ion:152 Resp: 24091
Ion Ratio Lower Upper
152 100
151 20.3 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.332 min Scan# 1188
Delta R.T. 0.000 min
Lab File: BN015398.D
Acq: 08 Jul 2021 07:45

Tgt Ion:164 Resp: 51548
Ion Ratio Lower Upper
164 100
162 103.5 83.8 125.6
160 47.7 37.4 56.0

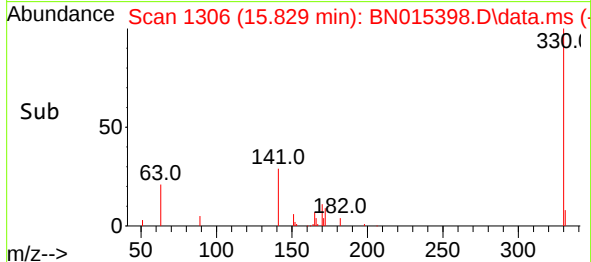
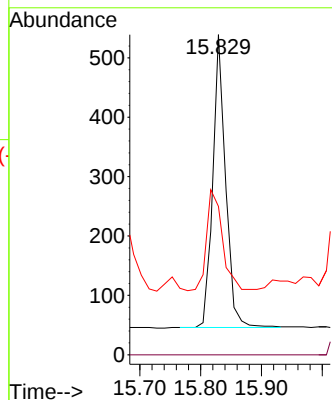
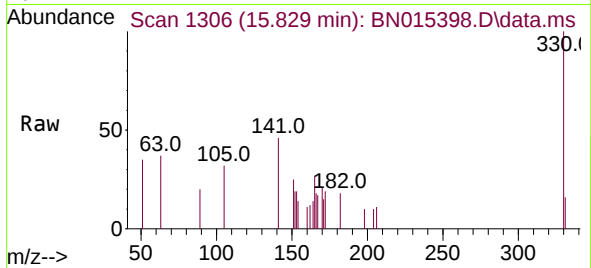




#14
2,4,6-Tribromophenol
Concen: 0.25 ng
RT: 15.829 min Scan# 1306
Delta R.T. 0.000 min
Lab File: BN015398.D
Acq: 08 Jul 2021 07:45

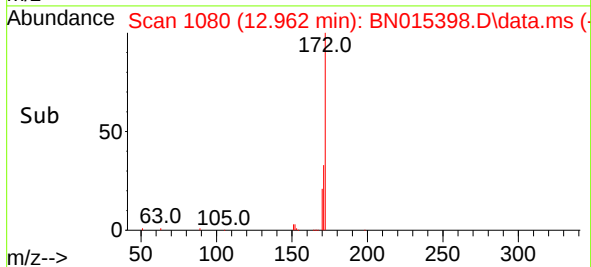
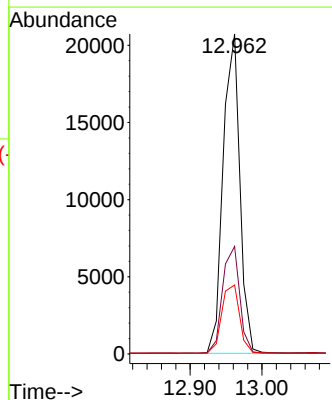
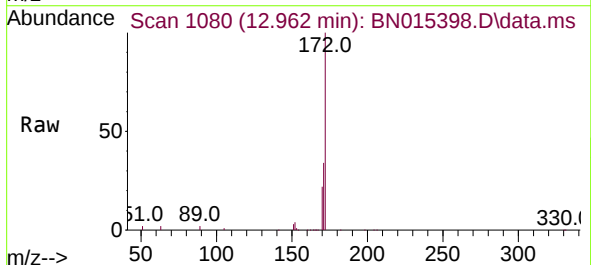
Instrument :
BNA_N
ClientSampled :

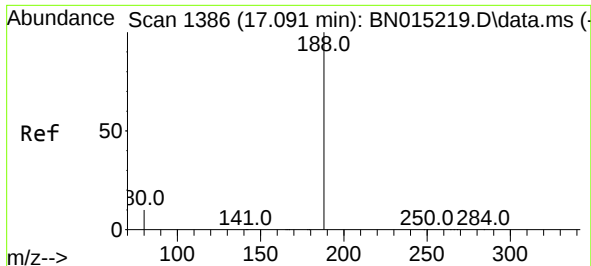
Tgt Ion:330 Resp: 723
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 42.6 22.4 33.6#



#15
2-Fluorobiphenyl
Concen: 0.16 ng
RT: 12.962 min Scan# 1080
Delta R.T. -0.000 min
Lab File: BN015398.D
Acq: 08 Jul 2021 07:45

Tgt Ion:172 Resp: 33394
Ion Ratio Lower Upper
172 100
171 33.6 30.6 45.8
170 21.5 20.2 30.4

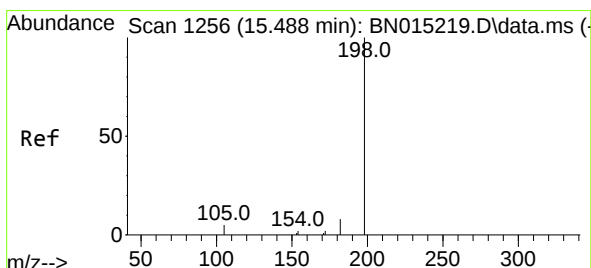
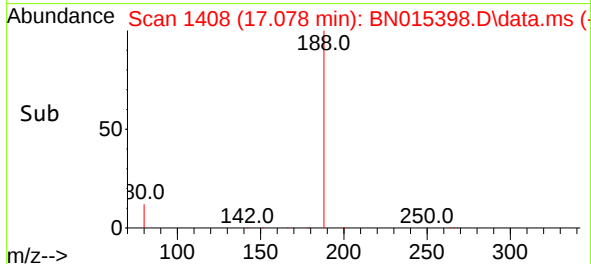
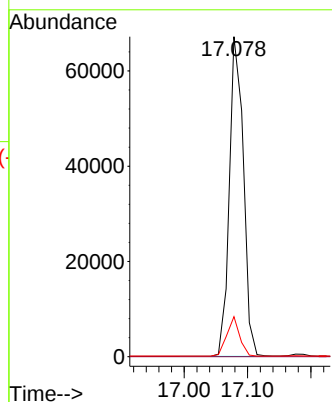
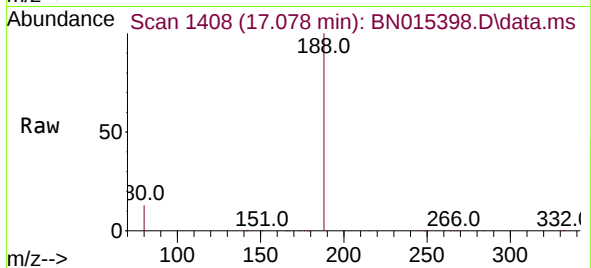




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.078 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BN015398.D
Acq: 08 Jul 2021 07:45

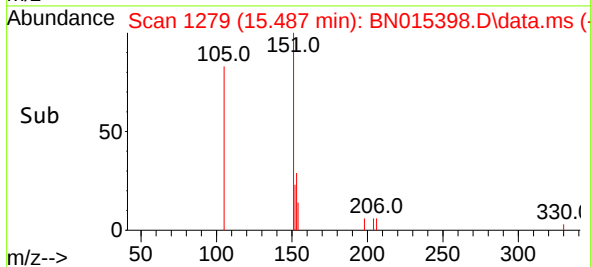
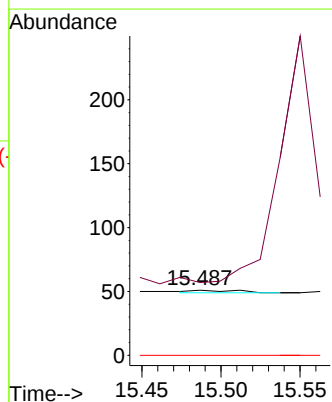
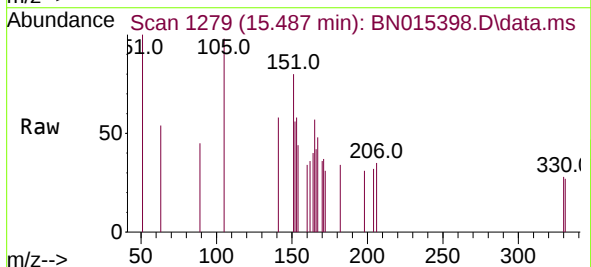
Instrument :
BNA_N
ClientSampleId :

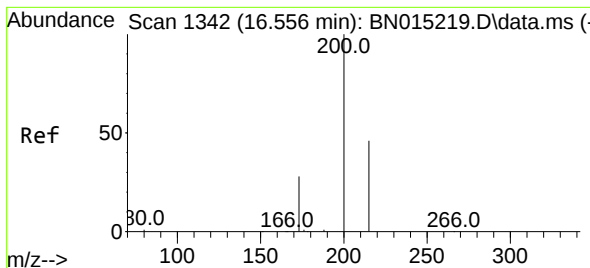
Tgt Ion:188 Resp: 103155
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.5 9.0 13.4



#20
4,6-Dinitro-2-methylphenol
Concen: 0.19 ng
RT: 15.487 min Scan# 1279
Delta R.T. 0.013 min
Lab File: BN015398.D
Acq: 08 Jul 2021 07:45

Tgt Ion:198 Resp: 4
Ion Ratio Lower Upper
198 100
182 111.8 34.5 51.7#
77 0.0 0.0 0.0





#23

Atrazine

Concen: 0.17 ng

RT: 16.555 min Scan# 1365

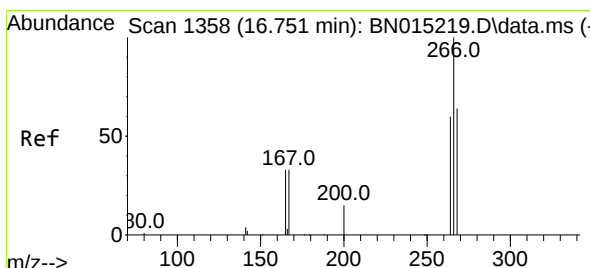
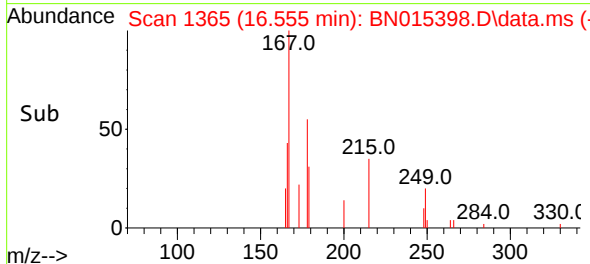
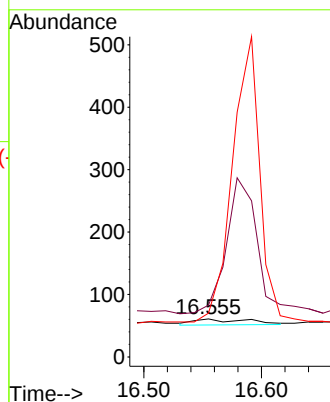
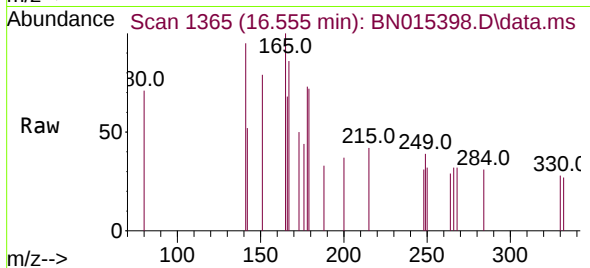
Delta R.T. 0.012 min

Lab File: BN015398.D

Acq: 08 Jul 2021 07:45

Tgt Ion:	200	Resp:	30
Ion	Ratio	Lower	Upper
200	100		
173	136.1	21.7	32.5#
215	114.8	43.1	64.7#

Instrument :
BNA_N
ClientSampleId :



#24

Pentachlorophenol

Concen: 0.25 ng

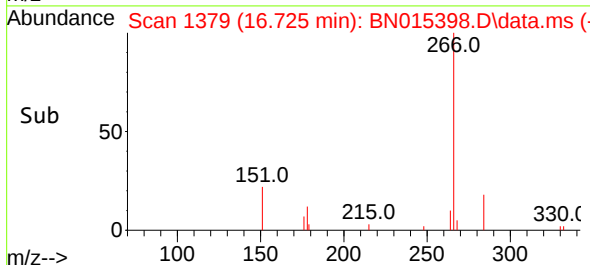
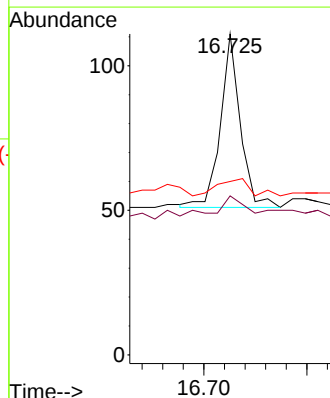
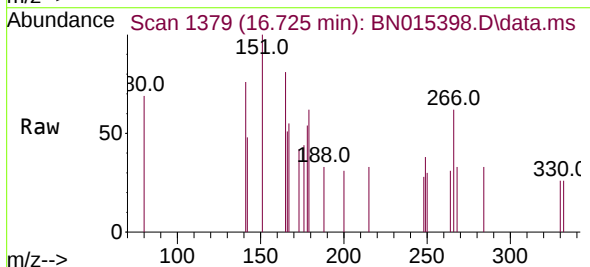
RT: 16.725 min Scan# 1379

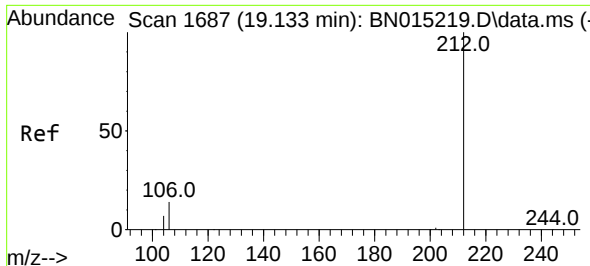
Delta R.T. -0.012 min

Lab File: BN015398.D

Acq: 08 Jul 2021 07:45

Tgt Ion:	266	Resp:	80
Ion	Ratio	Lower	Upper
266	100		
264	16.3	51.0	76.4#
268	16.3	50.6	76.0#

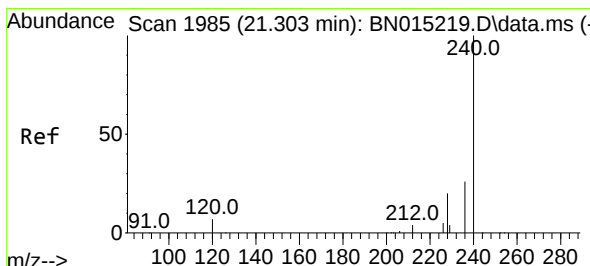
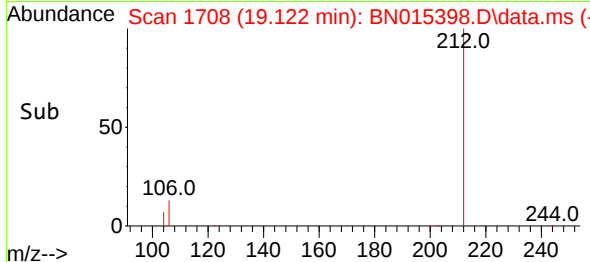
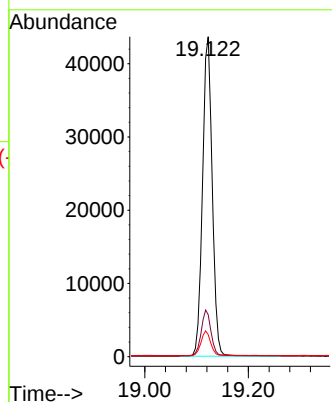
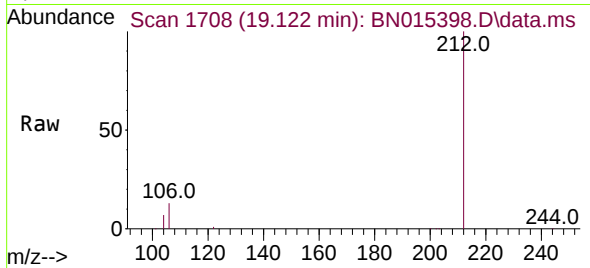




#27
Fluoranthene-d10
Concen: 0.19 ng
RT: 19.122 min Scan# 1708
Delta R.T. 0.000 min
Lab File: BN015398.D
Acq: 08 Jul 2021 07:45

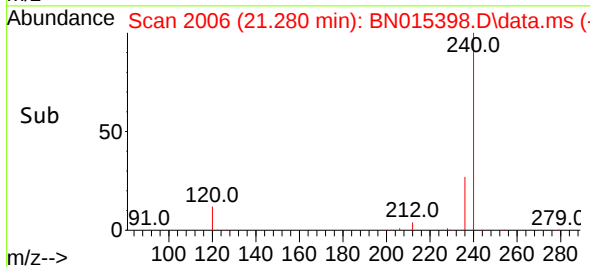
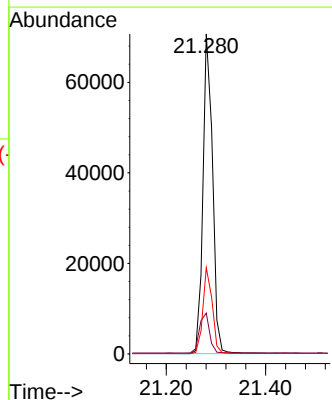
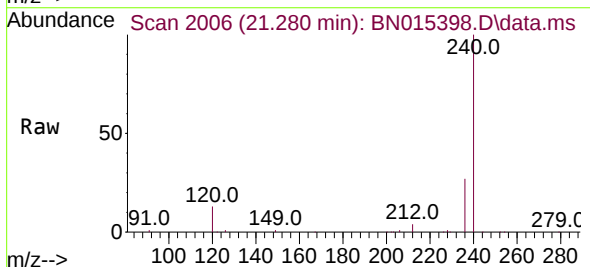
Instrument :
BNA_N
ClientSampled :

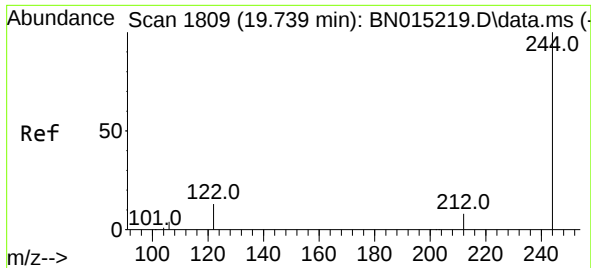
Tgt Ion:212 Resp: 56911
Ion Ratio Lower Upper
212 100
106 14.2 7.0 10.6#
104 8.0 4.1 6.1#



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.280 min Scan# 2006
Delta R.T. -0.011 min
Lab File: BN015398.D
Acq: 08 Jul 2021 07:45

Tgt Ion:240 Resp: 94679
Ion Ratio Lower Upper
240 100
120 12.8 4.2 6.4#
236 27.0 21.4 32.2

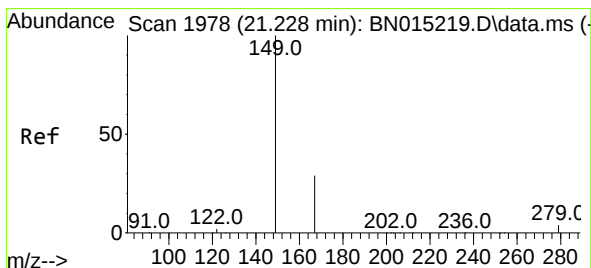
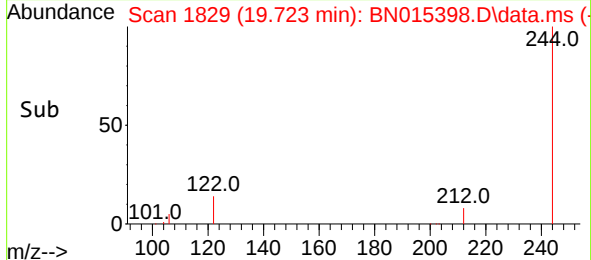
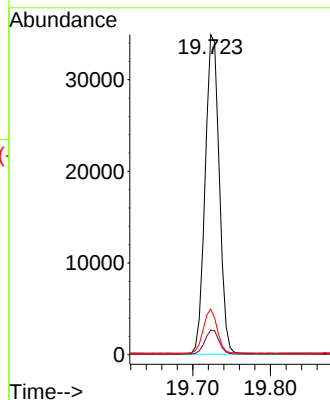
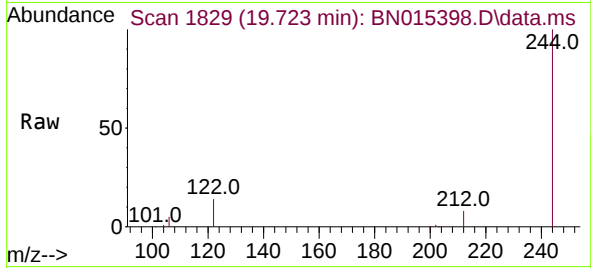




#31
 Terphenyl-d14
 Concen: 0.20 ng
 RT: 19.723 min Scan# 1829
 Delta R.T. -0.005 min
 Lab File: BN015398.D
 Acq: 08 Jul 2021 07:45

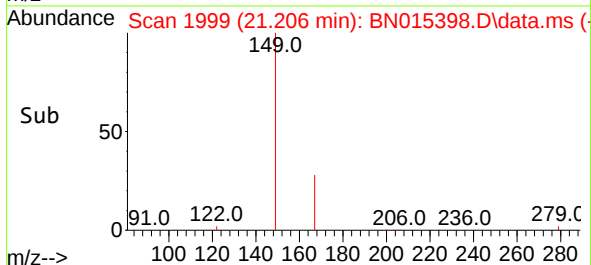
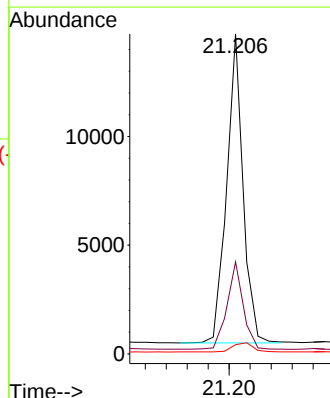
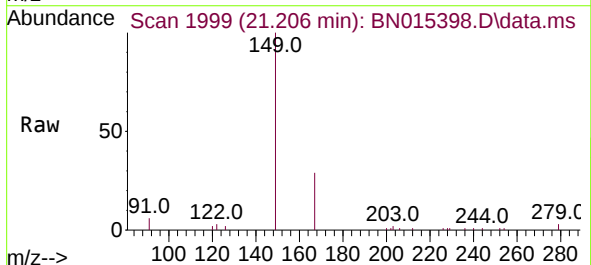
Instrument :
 BNA_N
 ClientSampled :

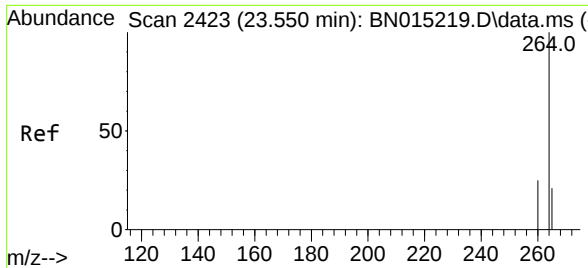
Tgt Ion:244 Resp: 44238
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.3 9.5
 122 14.2 6.2 9.2#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.28 ng
 RT: 21.206 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: BN015398.D
 Acq: 08 Jul 2021 07:45

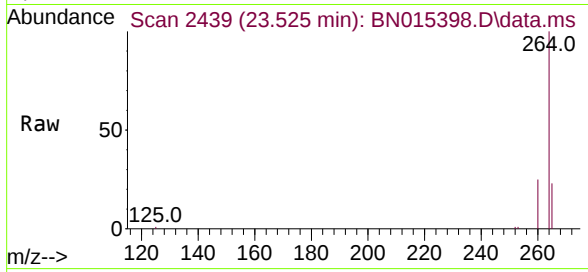
Tgt Ion:149 Resp: 15374
 Ion Ratio Lower Upper
 149 100
 167 27.8 28.9 43.3#
 279 3.8 4.9 7.3#





#35
Perylene-d12
Concen: 0.40 ng
RT: 23.525 min Scan# 2439
Delta R.T. -0.003 min
Lab File: BN015398.D
Acq: 08 Jul 2021 07:45

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:264 Resp: 89204
Ion Ratio Lower Upper
264 100
260 25.0 20.6 31.0
265 22.8 21.4 32.2

