

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070121\
 Data File : BN015279.D
 Acq On : 02 Jul 2021 02:31
 Operator : CG/JU
 Sample : M2803-18DL 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE105D2-20210621DL

Quant Time: Jul 02 04:54:16 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN063021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 01 09:06:31 2021
 Response via : Initial Calibration

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

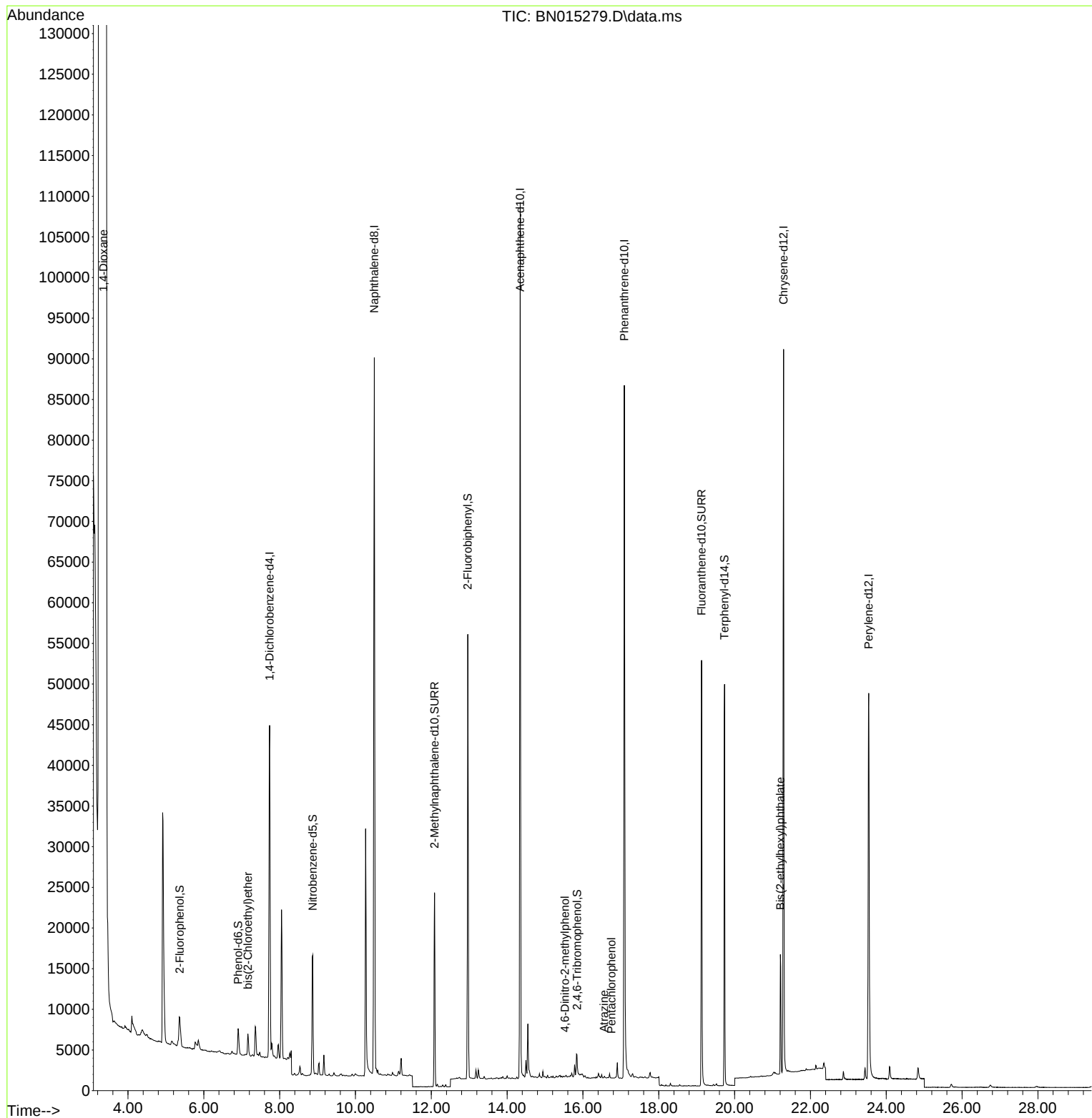
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.735	152	25109	0.40	ng	# 0.00
7) Naphthalene-d8	10.495	136	115583	0.40	ng	0.00
13) Acenaphthene-d10	14.345	164	61319	0.40	ng	0.00
19) Phenanthrene-d10	17.091	188	122356	0.40	ng	0.00
29) Chrysene-d12	21.291	240	86383	0.40	ng	#-0.01
35) Perylene-d12	23.536	264	68050	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.365	112	5197	0.08	ng	0.00
5) Phenol-d6	6.905	99	3562	0.04	ng	0.00
8) Nitrobenzene-d5	8.873	82	14205	0.22	ng	0.00
11) 2-Methylnaphthalene-d10	12.083	152	32216	0.17	ng	0.00
14) 2,4,6-Tribromophenol	15.842	330	2898	0.33	ng	0.00
15) 2-Fluorobiphenyl	12.962	172	46215	0.19	ng	0.00
27) Fluoranthene-d10	19.127	212	61271	0.17	ng	0.00
31) Terphenyl-d14	19.733	244	48944	0.24	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.355	88	54613	4.64	ng	# 70
6) bis(2-Chloroethyl)ether	7.163	93	2441	0.03	ng	# 83
20) 4,6-Dinitro-2-methylph...	15.525	198	10	0.20	ng	# 1
23) Atrazine	16.555	200	41	0.17	ng	# 11
24) Pentachlorophenol	16.750	266	22	0.24	ng	# 65
34) Bis(2-ethylhexyl)phtha...	21.206	149	15624	0.30	ng	# 86

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 01 09:06:31 2021
Response via : Initial Calibration

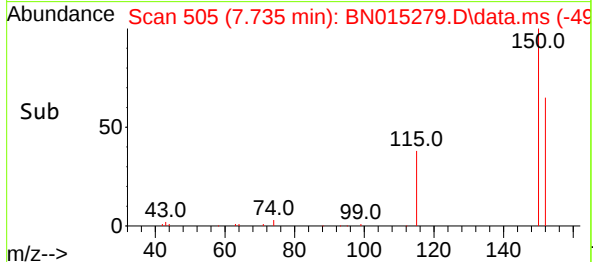
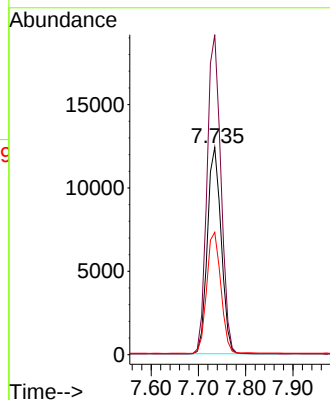
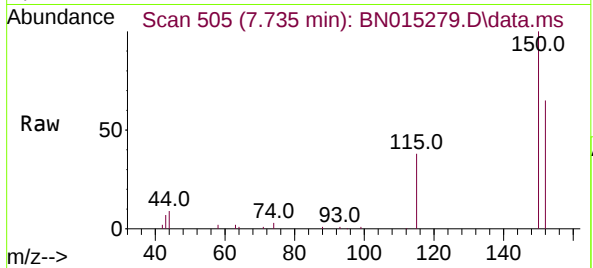




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.735 min Scan# 505
 Delta R.T. 0.003 min
 Lab File: BN015279.D
 Acq: 02 Jul 2021 02:31

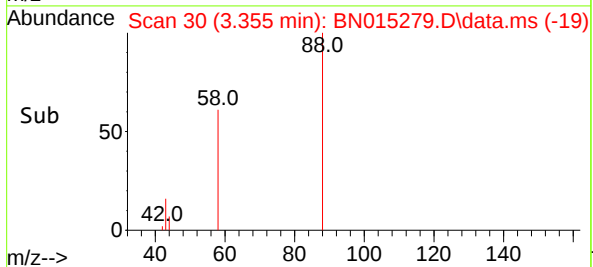
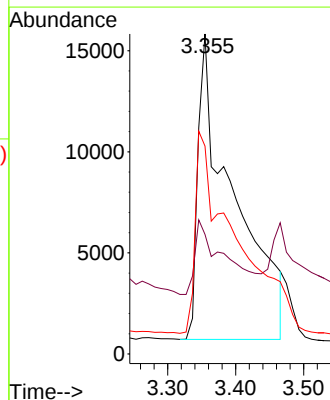
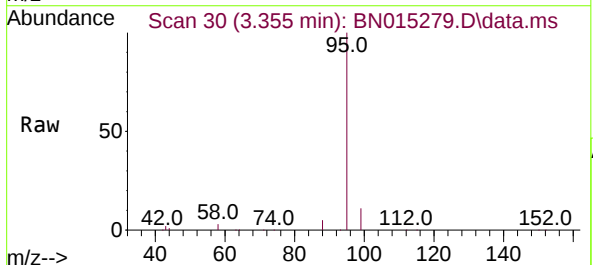
Instrument :
 BNA_N
 ClientSampleId :
 RE105D2-20210621DL

Tgt Ion:152 Resp: 25109
 Ion Ratio Lower Upper
 152 100
 150 154.4 119.0 178.6
 115 59.1 62.2 93.4#



#2
 1,4-Dioxane
 Concen: 4.64 ng
 RT: 3.355 min Scan# 30
 Delta R.T. 0.003 min
 Lab File: BN015279.D
 Acq: 02 Jul 2021 02:31

Tgt Ion: 88 Resp: 54613
 Ion Ratio Lower Upper
 88 100
 43 21.6 12.9 19.3#
 58 72.0 38.1 57.1#

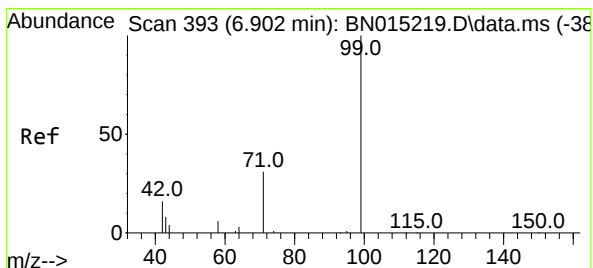
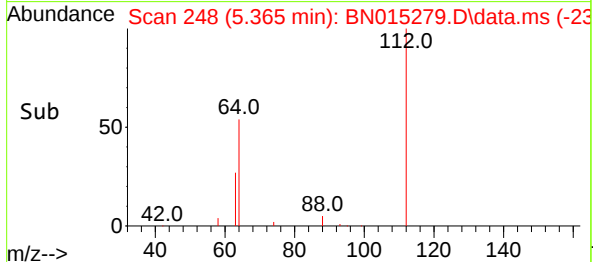
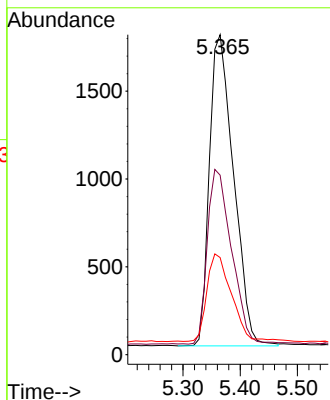
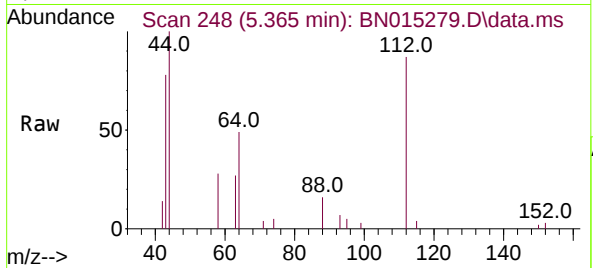




#4
2-Fluorophenol
Concen: 0.08 ng
RT: 5.365 min Scan# 248
Delta R.T. 0.003 min
Lab File: BN015279.D
Acq: 02 Jul 2021 02:31

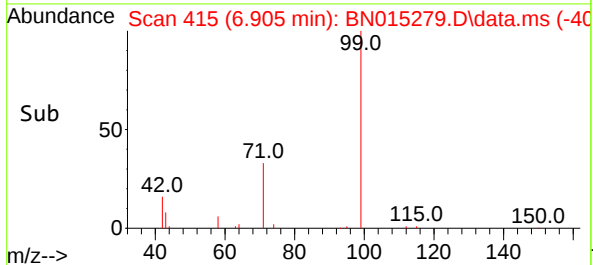
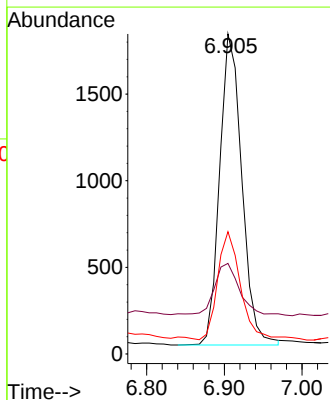
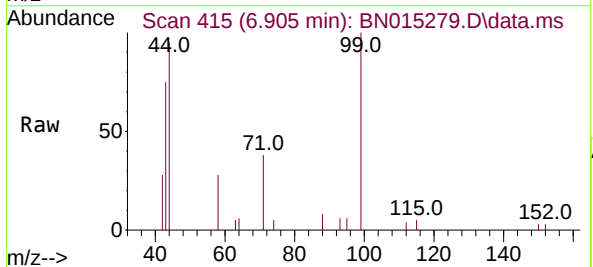
Instrument :
BNA_N
ClientSampleId :
RE105D2-20210621DL

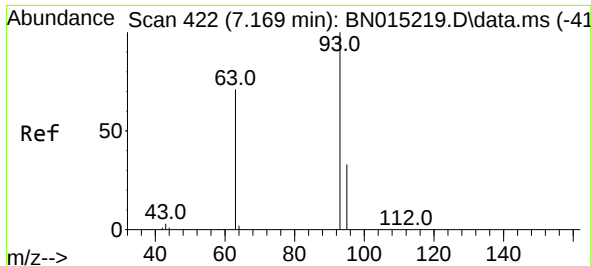
Tgt Ion:	112	Resp:	5197
Ion	Ratio	Lower	Upper
112	100		
64	56.3	39.0	58.6
63	28.4	20.6	30.8



#5
Phenol-d6
Concen: 0.04 ng
RT: 6.905 min Scan# 415
Delta R.T. 0.003 min
Lab File: BN015279.D
Acq: 02 Jul 2021 02:31

Tgt Ion:	99	Resp:	3562
Ion	Ratio	Lower	Upper
99	100		
42	17.9	8.9	13.3#
71	35.2	35.6	53.4#

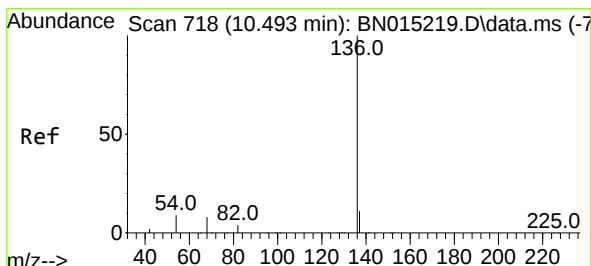
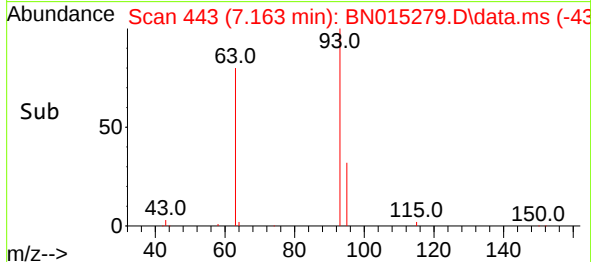
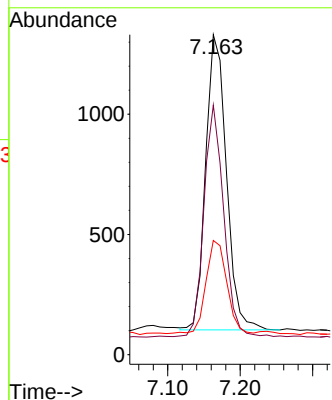
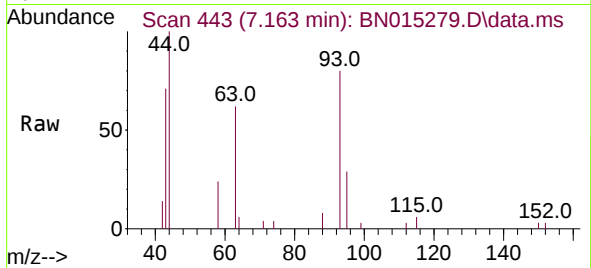




#6
bis(2-Chloroethyl)ether
Concen: 0.03 ng
RT: 7.163 min Scan# 443
Delta R.T. -0.006 min
Lab File: BN015279.D
Acq: 02 Jul 2021 02:31

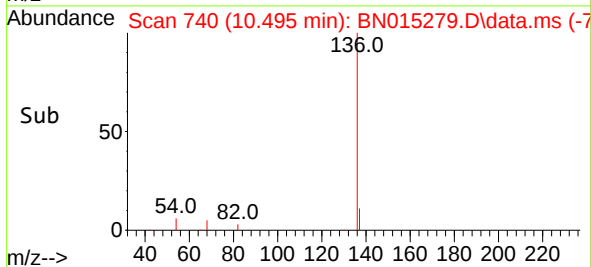
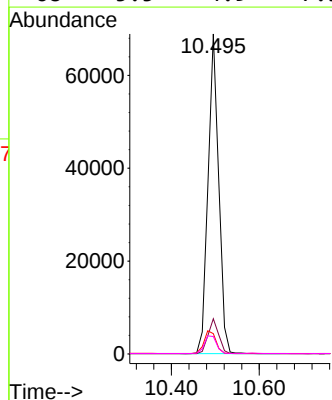
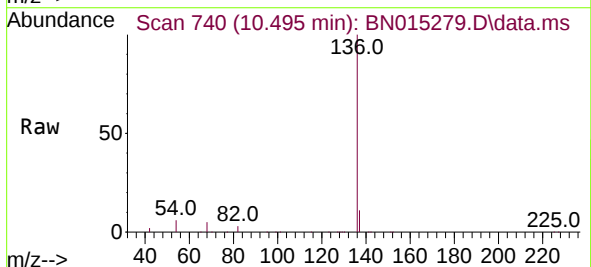
Instrument :
BNA_N
ClientSampleId :
RE105D2-20210621DL

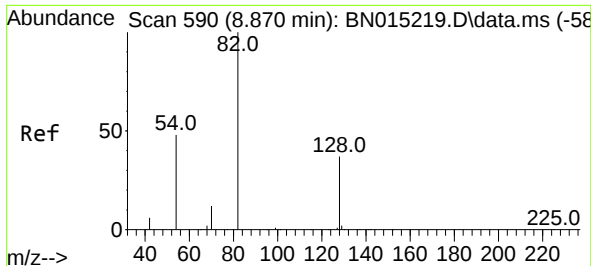
Tgt Ion: 93 Resp: 2441
Ion Ratio Lower Upper
93 100
63 75.7 46.6 70.0#
95 31.9 28.6 42.8



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.495 min Scan# 740
Delta R.T. 0.003 min
Lab File: BN015279.D
Acq: 02 Jul 2021 02:31

Tgt Ion:136 Resp: 115583
Ion Ratio Lower Upper
136 100
137 11.0 9.8 14.8
54 6.4 5.4 8.2
68 5.5 4.9 7.3

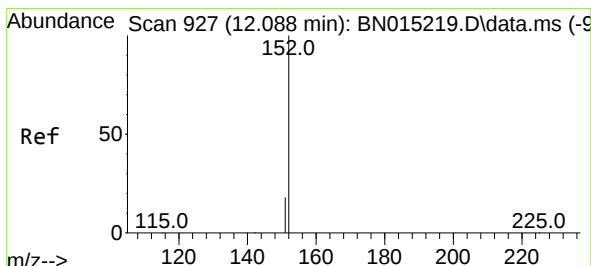
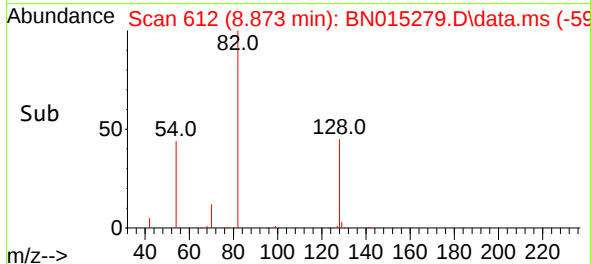
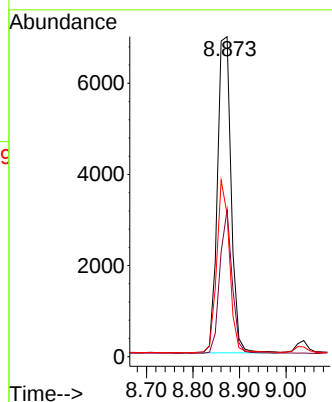
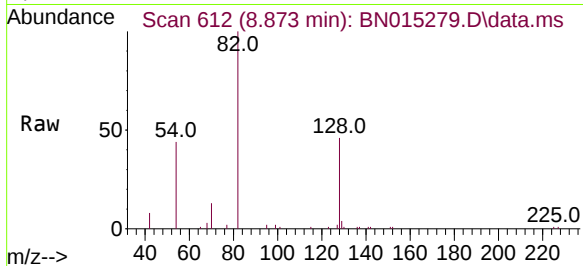




#8
Nitrobenzene-d5
Concen: 0.22 ng
RT: 8.873 min Scan# 612
Delta R.T. 0.003 min
Lab File: BN015279.D
Acq: 02 Jul 2021 02:31

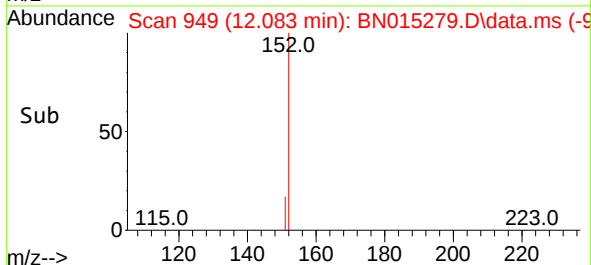
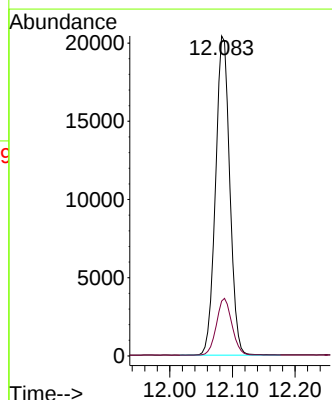
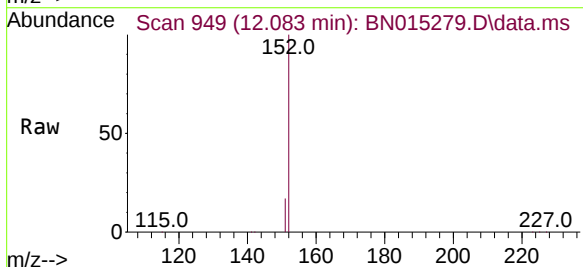
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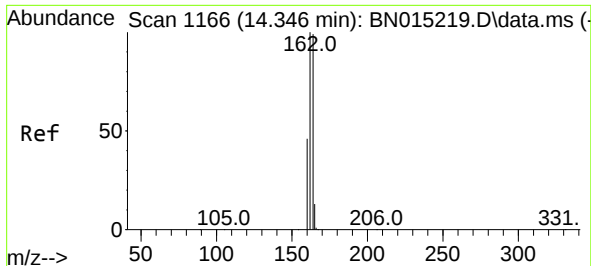
Tgt Ion: 82 Resp: 14205
Ion Ratio Lower Upper
82 100
128 45.9 31.6 47.4
54 44.5 29.0 43.4#



#11
2-Methylnaphthalene-d10
Concen: 0.17 ng
RT: 12.083 min Scan# 949
Delta R.T. -0.005 min
Lab File: BN015279.D
Acq: 02 Jul 2021 02:31

Tgt Ion: 152 Resp: 32216
Ion Ratio Lower Upper
152 100
151 19.3 16.7 25.1

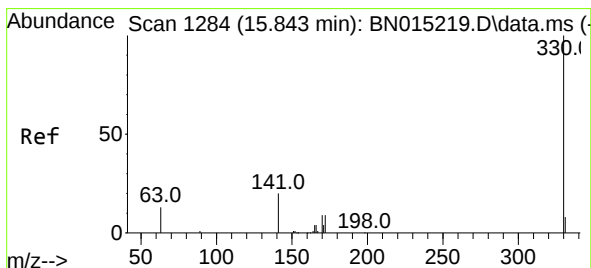
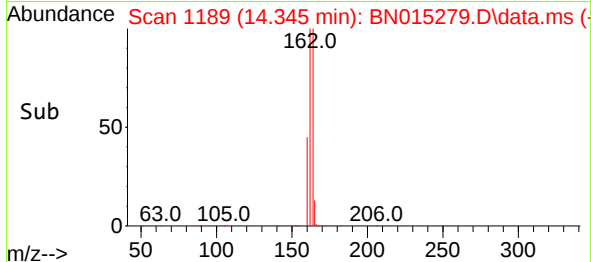
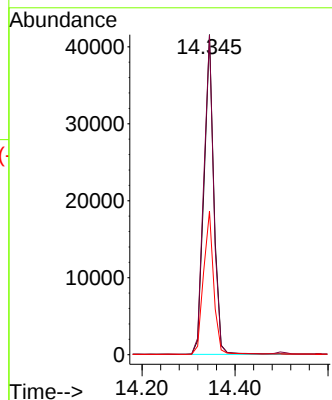
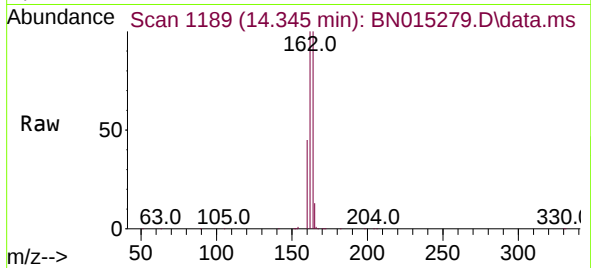




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.345 min Scan# 1189
Delta R.T. -0.001 min
Lab File: BN015279.D
Acq: 02 Jul 2021 02:31

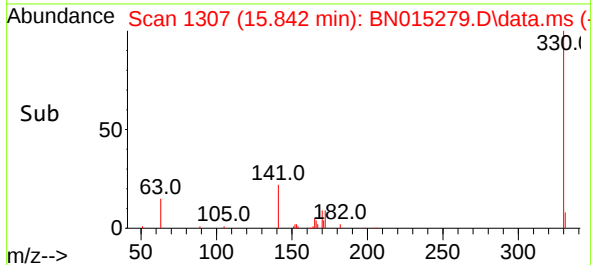
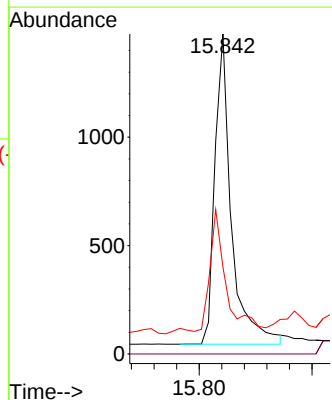
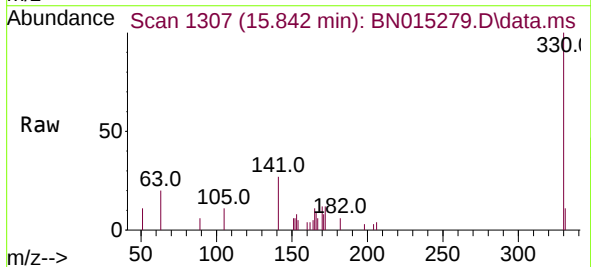
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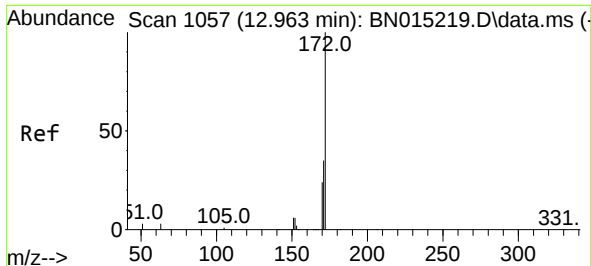
Tgt Ion:164 Resp: 61319
Ion Ratio Lower Upper
164 100
162 99.9 83.8 125.6
160 44.8 37.4 56.0



#14
2,4,6-Tribromophenol
Concen: 0.33 ng
RT: 15.842 min Scan# 1307
Delta R.T. -0.001 min
Lab File: BN015279.D
Acq: 02 Jul 2021 02:31

Tgt Ion:330 Resp: 2898
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 37.7 22.4 33.6#

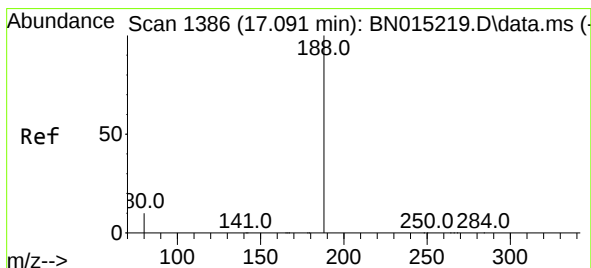
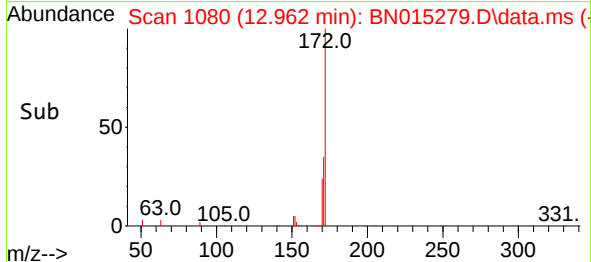
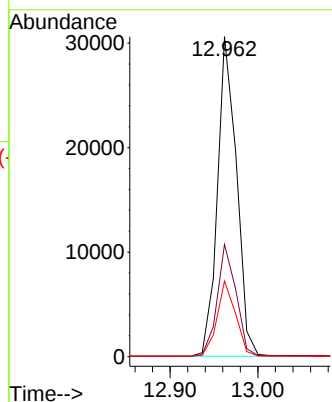
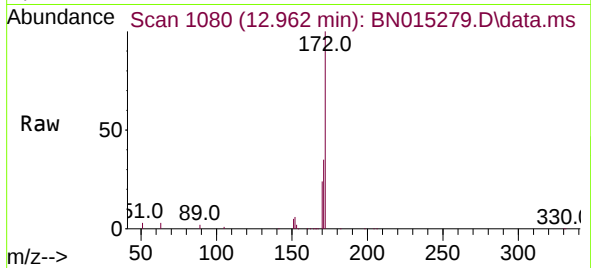




#15
2-Fluorobiphenyl
Concen: 0.19 ng
RT: 12.962 min Scan# 1080
Delta R.T. -0.001 min
Lab File: BN015279.D
Acq: 02 Jul 2021 02:31

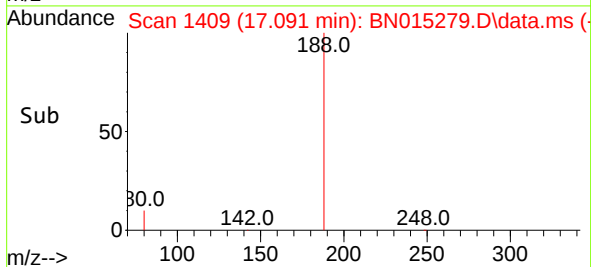
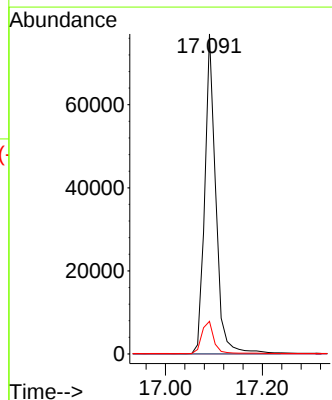
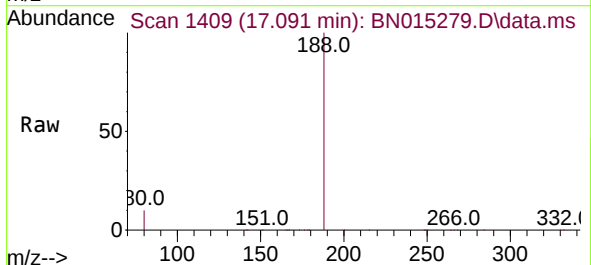
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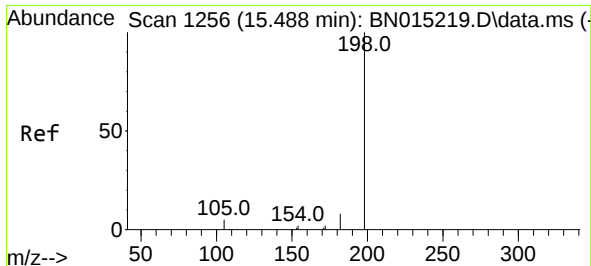
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	30.6	45.8
170	23.7	20.2	30.4



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.091 min Scan# 1409
Delta R.T. -0.000 min
Lab File: BN015279.D
Acq: 02 Jul 2021 02:31

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.2	9.0	13.4

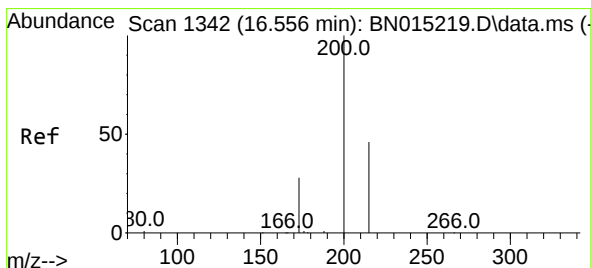
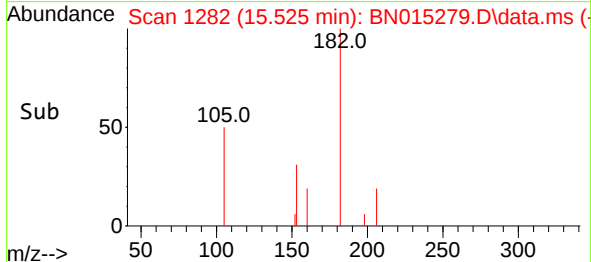
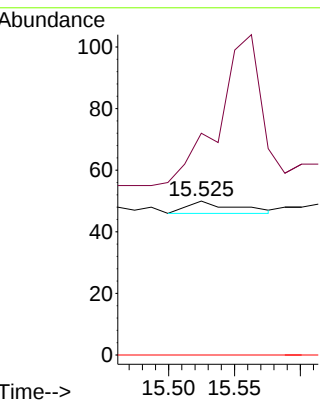
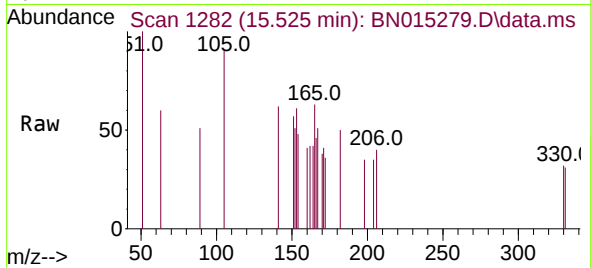




#20
4,6-Dinitro-2-methylphenol
Concen: 0.20 ng
RT: 15.525 min Scan# 1282
Delta R.T. 0.037 min
Lab File: BN015279.D
Acq: 02 Jul 2021 02:31

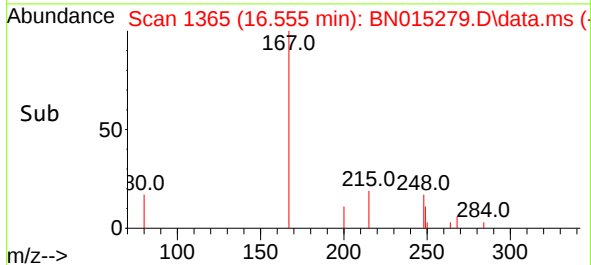
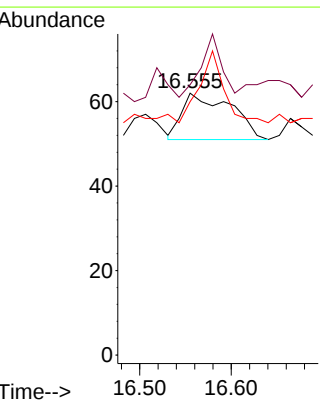
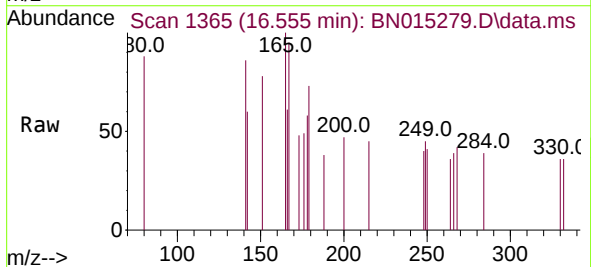
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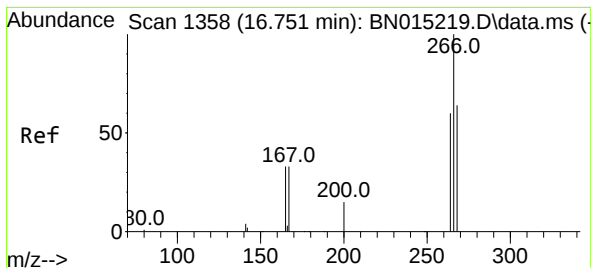
Tgt Ion:198 Resp: 10
Ion Ratio Lower Upper
198 100
182 144.0 34.5 51.7#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.17 ng
RT: 16.555 min Scan# 1365
Delta R.T. -0.001 min
Lab File: BN015279.D
Acq: 02 Jul 2021 02:31

Tgt Ion:200 Resp: 41
Ion Ratio Lower Upper
200 100
173 103.2 21.7 32.5#
215 96.8 43.1 64.7#

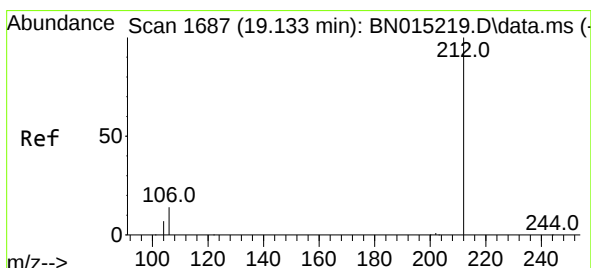
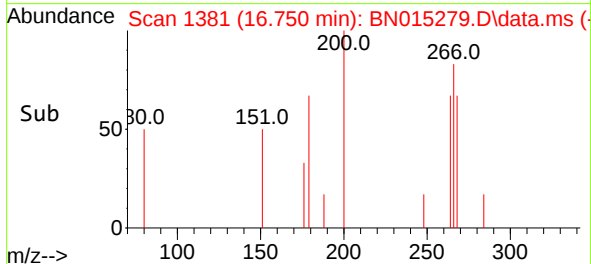
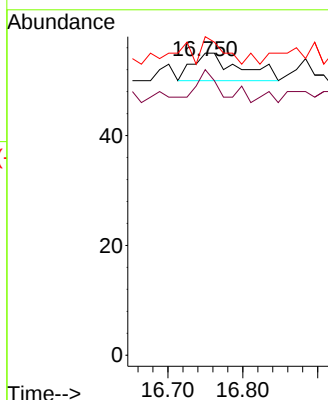
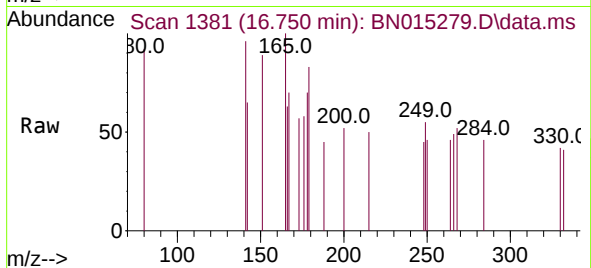




#24
Pentachlorophenol
Concen: 0.24 ng
RT: 16.750 min Scan# 1381
Delta R.T. -0.001 min
Lab File: BN015279.D
Acq: 02 Jul 2021 02:31

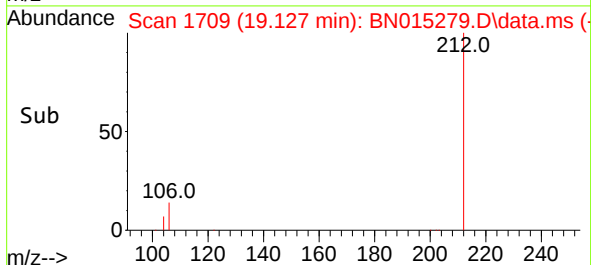
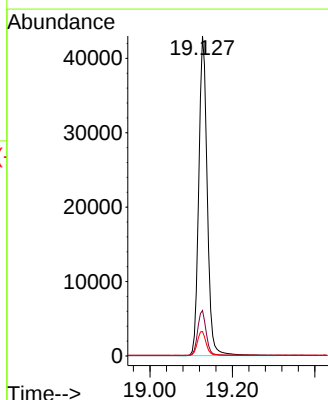
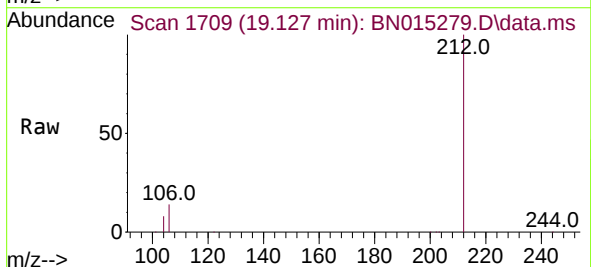
Instrument :
BNA_N
ClientSampleId :
RE105D2-20210621DL

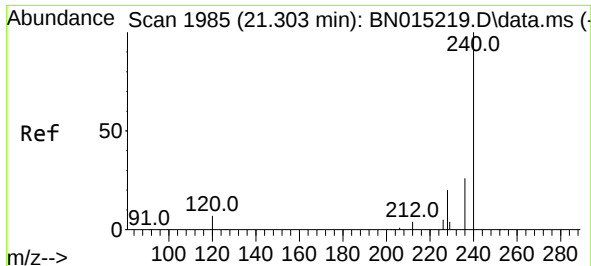
Tgt Ion:266 Resp: 22
Ion Ratio Lower Upper
266 100
264 31.8 51.0 76.4#
268 40.9 50.6 76.0#



#27
Fluoranthene-d10
Concen: 0.17 ng
RT: 19.127 min Scan# 1709
Delta R.T. -0.006 min
Lab File: BN015279.D
Acq: 02 Jul 2021 02:31

Tgt Ion:212 Resp: 61271
Ion Ratio Lower Upper
212 100
106 14.2 7.0 10.6#
104 7.8 4.1 6.1#

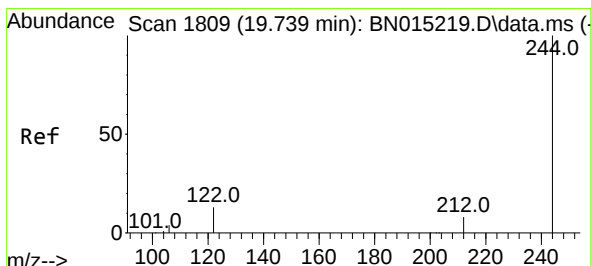
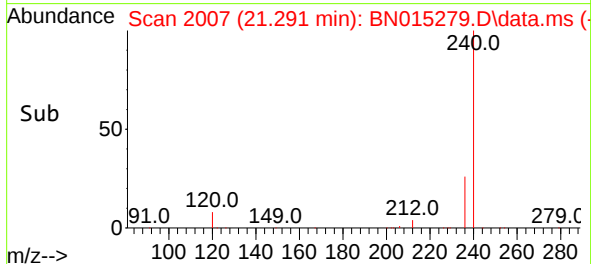
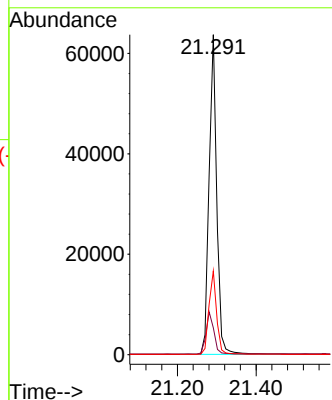
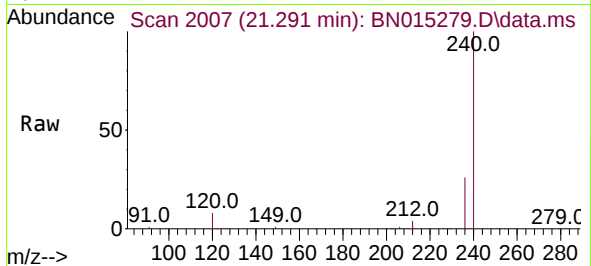




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.291 min Scan# 2007
Delta R.T. -0.012 min
Lab File: BN015279.D
Acq: 02 Jul 2021 02:31

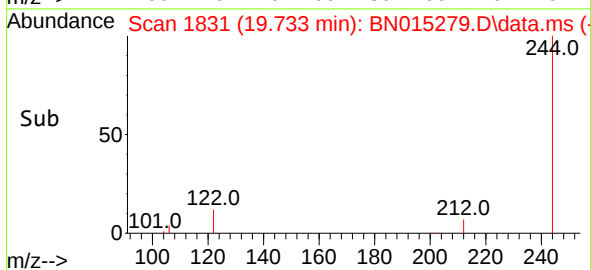
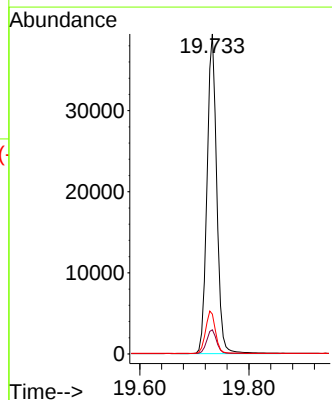
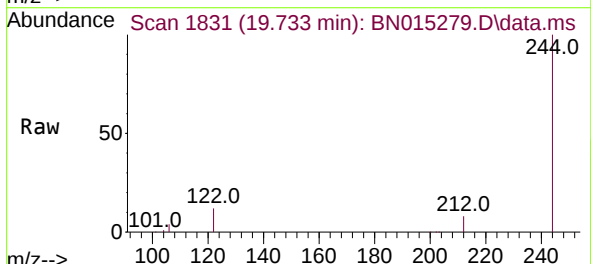
Instrument :
BNA_N
ClientSampleId :
RE105D2-20210621DL

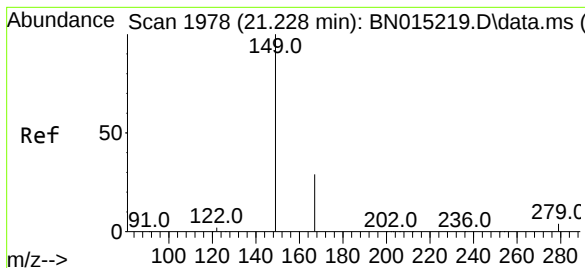
Tgt Ion:240 Resp: 86383
Ion Ratio Lower Upper
240 100
120 8.4 4.2 6.4#
236 26.1 21.4 32.2



#31
Terphenyl-d14
Concen: 0.24 ng
RT: 19.733 min Scan# 1831
Delta R.T. -0.006 min
Lab File: BN015279.D
Acq: 02 Jul 2021 02:31

Tgt Ion:244 Resp: 48944
Ion Ratio Lower Upper
244 100
212 7.5 6.3 9.5
122 12.5 6.2 9.2#

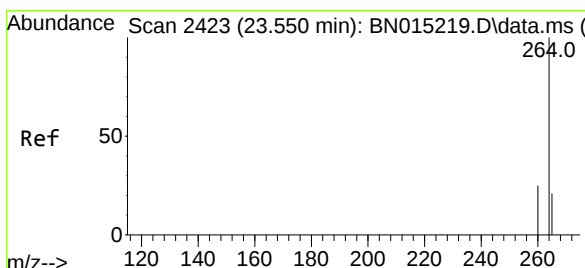
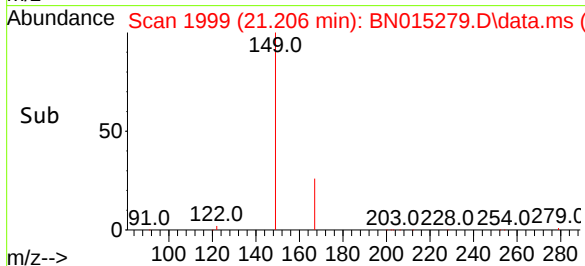
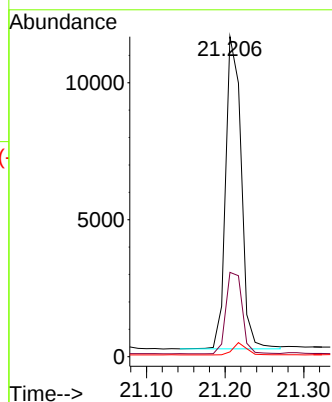
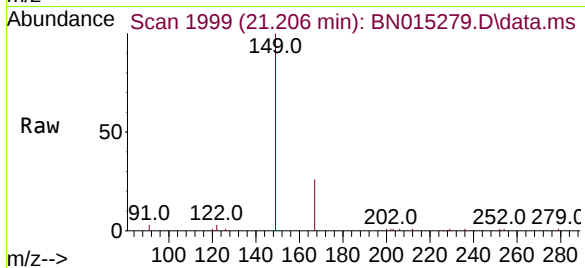




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.30 ng
 RT: 21.206 min Scan# 1999
 Delta R.T. -0.022 min
 Lab File: BN015279.D
 Acq: 02 Jul 2021 02:31

Instrument :
 BNA_N
 ClientSampleId :
 RE105D2-20210621DL

Tgt Ion:149 Resp: 15624
 Ion Ratio Lower Upper
 149 100
 167 27.3 28.9 43.3#
 279 3.4 4.9 7.3#



#35
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.536 min Scan# 2442
 Delta R.T. -0.014 min
 Lab File: BN015279.D
 Acq: 02 Jul 2021 02:31

Tgt Ion:264 Resp: 68050
 Ion Ratio Lower Upper
 264 100
 260 24.7 20.6 31.0
 265 22.9 21.4 32.2

