

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070221\
 Data File : BN015329.D
 Acq On : 03 Jul 2021 12:02
 Operator : CG/JU
 Sample : M2838-13
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE126D2-20210622

Quant Time: Jul 05 05:49:27 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)

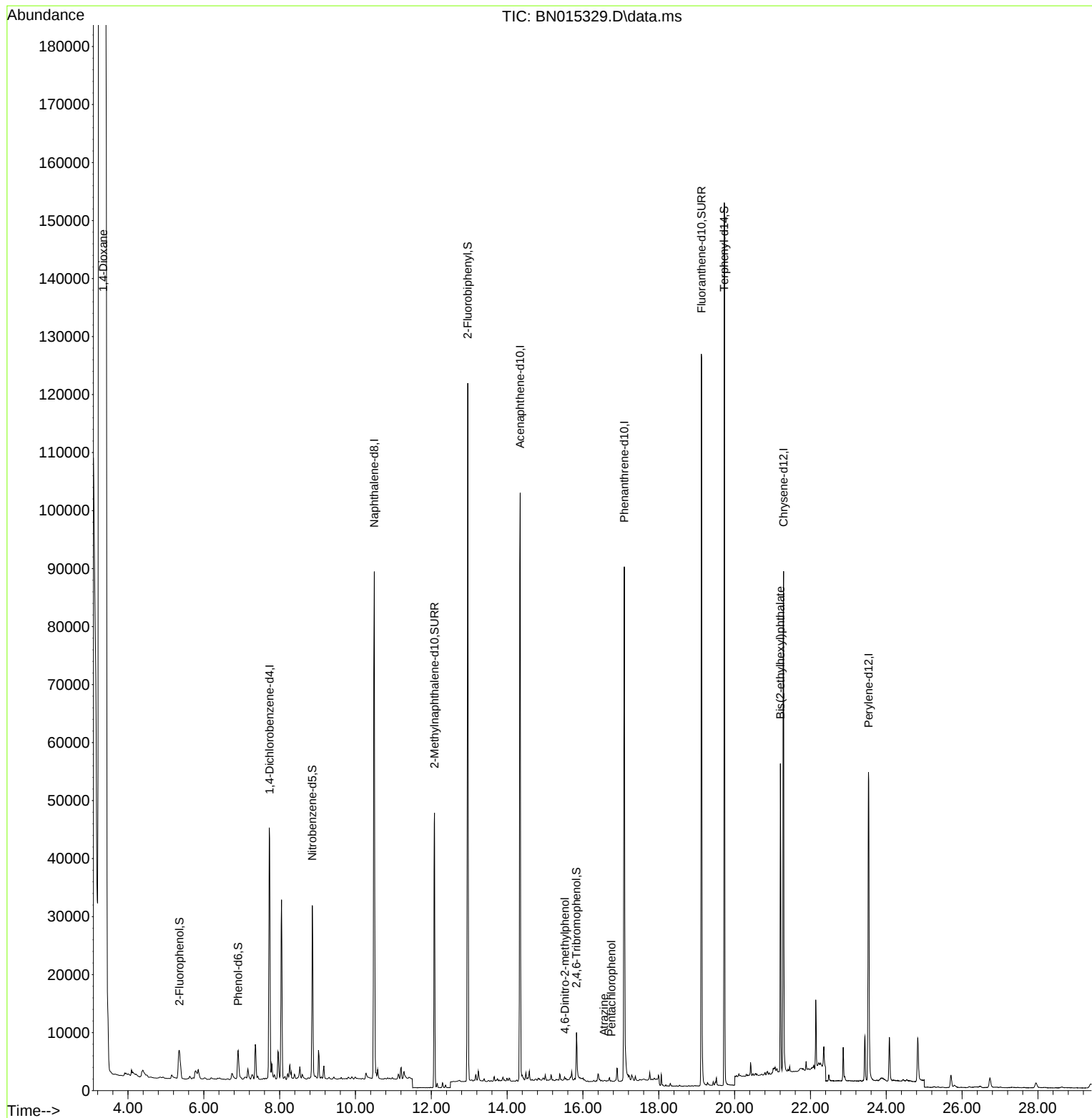
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.734	152	26548	0.40	ng	# 0.00
7) Naphthalene-d8	10.495	136	121540	0.40	ng	# 0.00
13) Acenaphthene-d10	14.345	164	66595	0.40	ng	0.00
19) Phenanthrene-d10	17.090	188	129355	0.40	ng	# 0.00
29) Chrysene-d12	21.291	240	90980	0.40	ng	#-0.01
35) Perylene-d12	23.532	264	72676	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.356	112	8600	0.13	ng	0.00
5) Phenol-d6	6.905	99	6055	0.07	ng	0.00
8) Nitrobenzene-d5	8.860	82	26048	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	12.083	152	63308	0.31	ng	0.00
14) 2,4,6-Tribromophenol	15.829	330	7360	0.48	ng	-0.01
15) 2-Fluorobiphenyl	12.962	172	100141	0.37	ng	0.00
27) Fluoranthene-d10	19.127	212	144383	0.38	ng	0.00
31) Terphenyl-d14	19.728	244	147580	0.69	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.345	88	26092	2.10	ng	# 60
20) 4,6-Dinitro-2-methylph...	15.525	198	8	0.19	ng	# 1
23) Atrazine	16.555	200	63	0.17	ng	# 27
24) Pentachlorophenol	16.750	266	68	0.25	ng	# 86
34) Bis(2-ethylhexyl)phtha...	21.206	149	49595	0.58	ng	# 87

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

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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

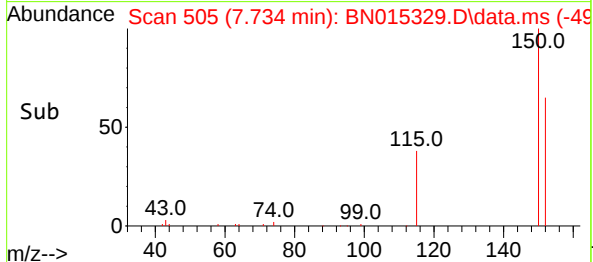
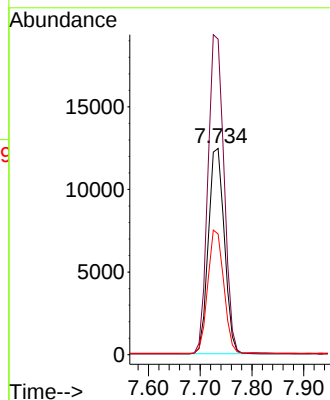
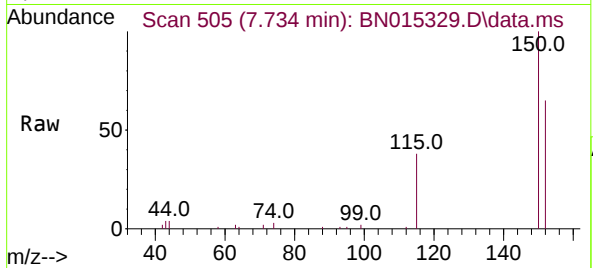




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.734 min Scan# 505
 Delta R.T. 0.002 min
 Lab File: BN015329.D
 Acq: 03 Jul 2021 12:02

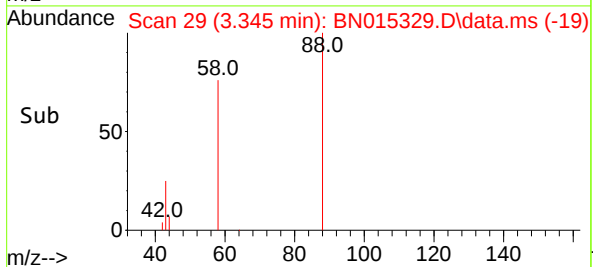
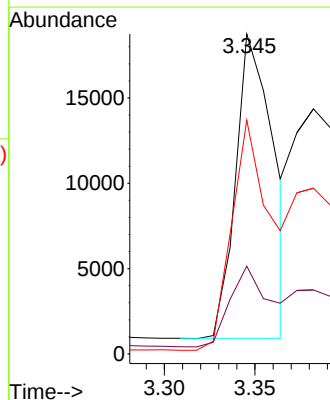
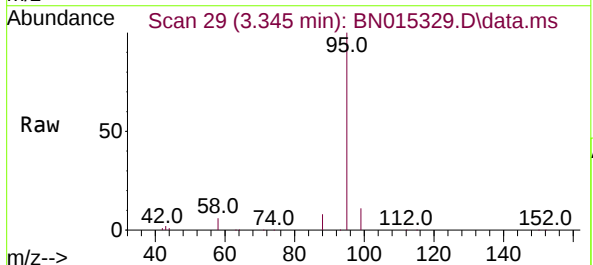
Instrument :
 BNA_N
 ClientSampleId :
 RE126D2-20210622

Tgt Ion: 152 Resp: 26548
 Ion Ratio Lower Upper
 152 100
 150 152.9 119.0 178.6
 115 58.5 62.2 93.4#



#2
 1,4-Dioxane
 Concen: 2.10 ng
 RT: 3.345 min Scan# 29
 Delta R.T. -0.006 min
 Lab File: BN015329.D
 Acq: 03 Jul 2021 12:02

Tgt Ion: 88 Resp: 26092
 Ion Ratio Lower Upper
 88 100
 43 27.8 12.9 19.3#
 58 77.1 38.1 57.1#

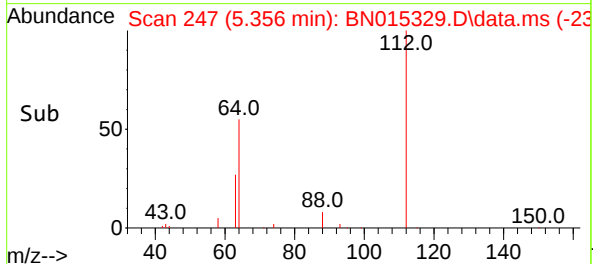
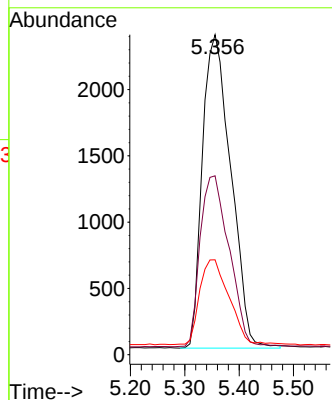
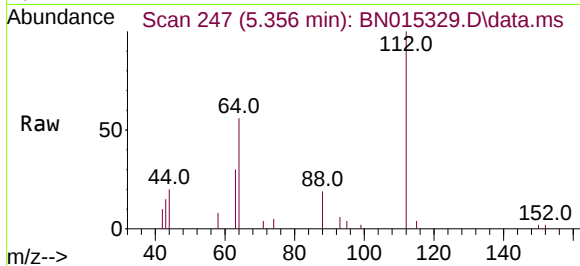




#4
2-Fluorophenol
Concen: 0.13 ng
RT: 5.356 min Scan# 247
Delta R.T. -0.006 min
Lab File: BN015329.D
Acq: 03 Jul 2021 12:02

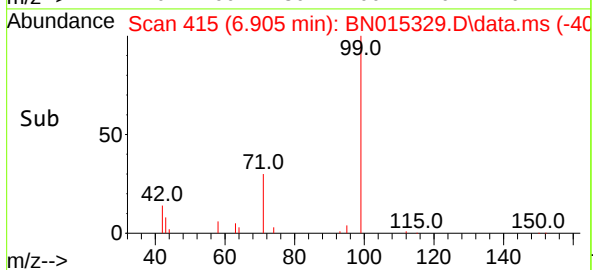
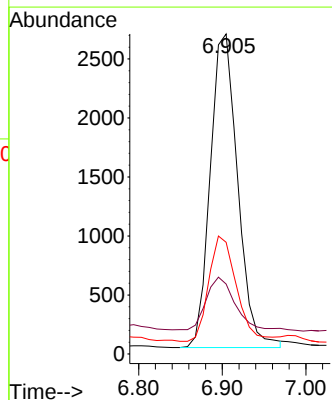
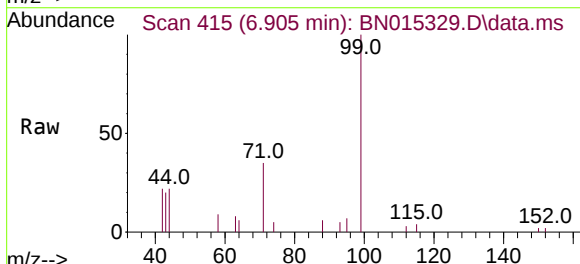
Instrument :
BNA_N
ClientSampleId :
RE126D2-20210622

Tgt Ion:	112	Resp:	8600
Ion	Ratio	Lower	Upper
112	100		
64	55.5	39.0	58.6
63	27.7	20.6	30.8



#5
Phenol-d6
Concen: 0.07 ng
RT: 6.905 min Scan# 415
Delta R.T. 0.003 min
Lab File: BN015329.D
Acq: 03 Jul 2021 12:02

Tgt Ion:	99	Resp:	6055
Ion	Ratio	Lower	Upper
99	100		
42	17.2	8.9	13.3#
71	33.8	35.6	53.4#

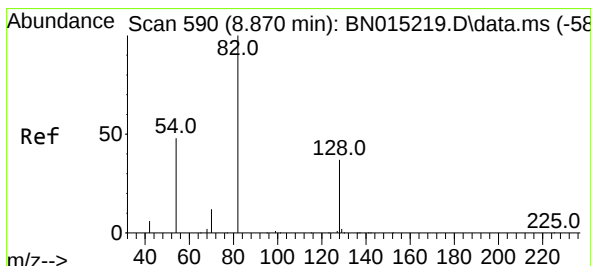
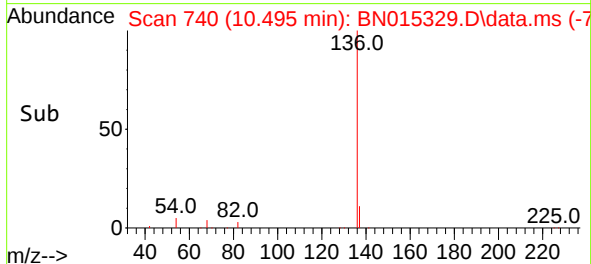
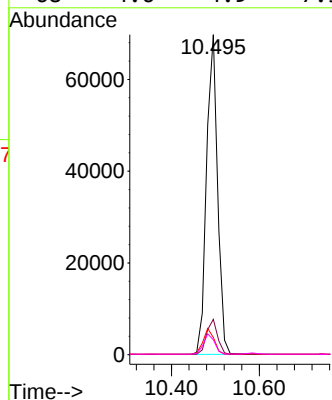
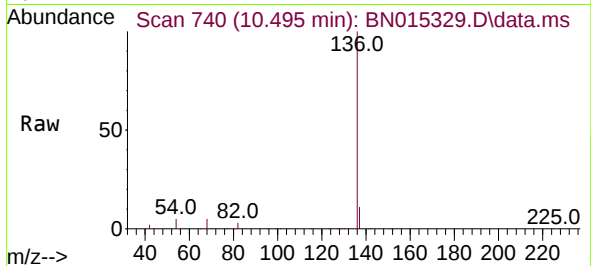




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.495 min Scan# 740
Delta R.T. 0.003 min
Lab File: BN015329.D
Acq: 03 Jul 2021 12:02

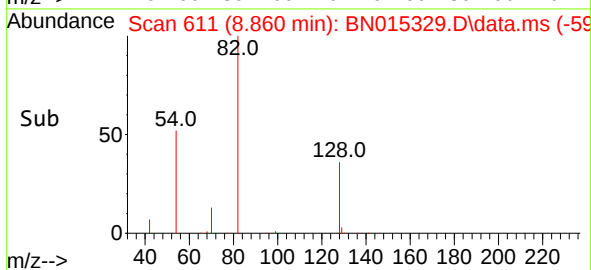
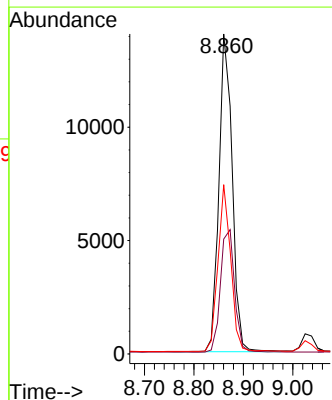
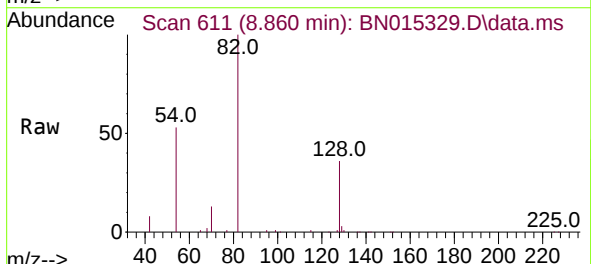
Instrument :
BNA_N
ClientSampleId :
RE126D2-20210622

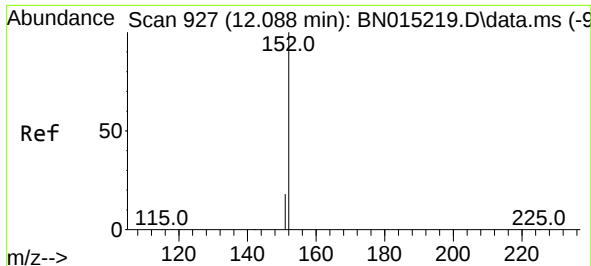
Tgt Ion:	136	Resp:	121540
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.8	14.8
54	5.4	5.4	8.2#
68	4.6	4.9	7.3#



#8
Nitrobenzene-d5
Concen: 0.38 ng
RT: 8.860 min Scan# 611
Delta R.T. -0.010 min
Lab File: BN015329.D
Acq: 03 Jul 2021 12:02

Tgt Ion:	82	Resp:	26048
Ion Ratio	Lower	Upper	
82	100		
128	35.9	31.6	47.4
54	52.9	29.0	43.4#

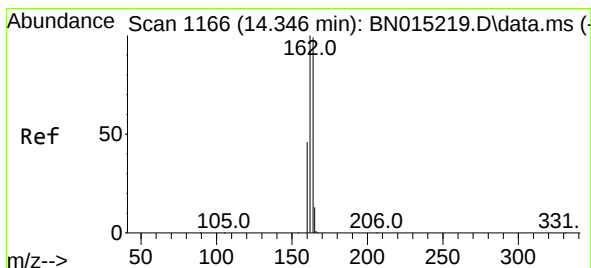
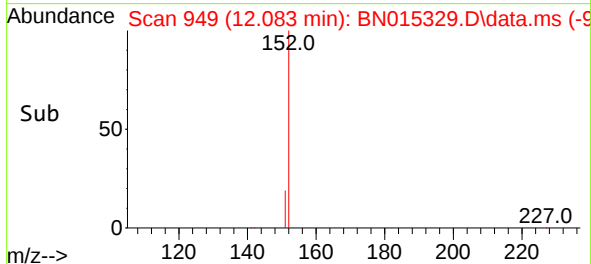
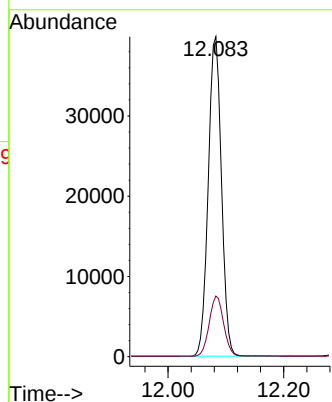
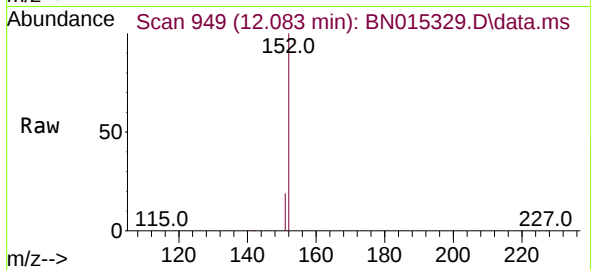




#11
2-Methylnaphthalene-d10
Concen: 0.31 ng
RT: 12.083 min Scan# 949
Delta R.T. -0.005 min
Lab File: BN015329.D
Acq: 03 Jul 2021 12:02

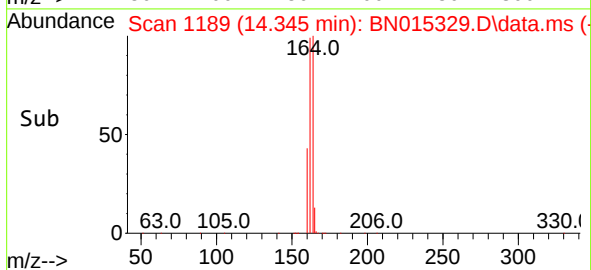
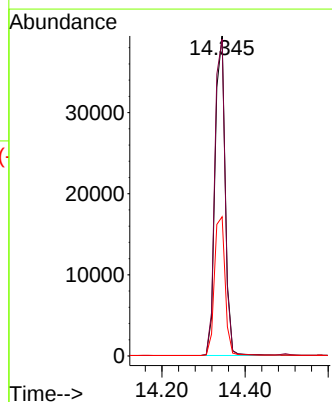
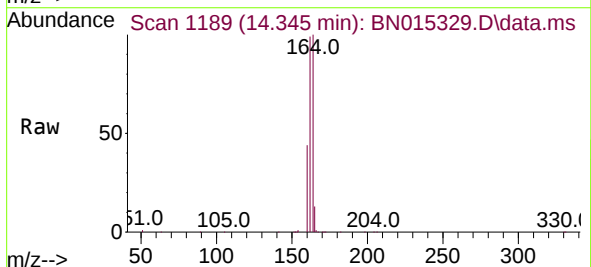
Instrument :
BNA_N
ClientSampleId :
RE126D2-20210622

Tgt Ion:152 Resp: 63308
Ion Ratio Lower Upper
152 100
151 20.5 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: BN015329.D
Acq: 03 Jul 2021 12:02

Tgt Ion:164 Resp: 66595
Ion Ratio Lower Upper
164 100
162 99.0 83.8 125.6
160 43.5 37.4 56.0

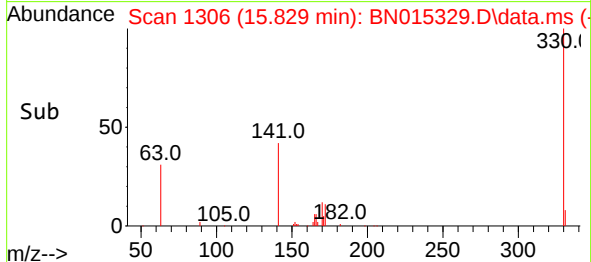
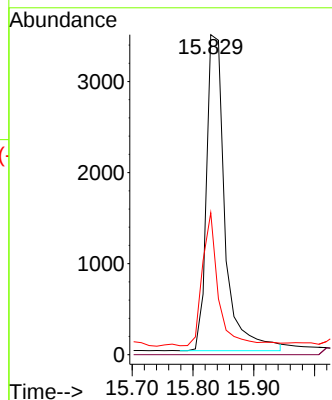
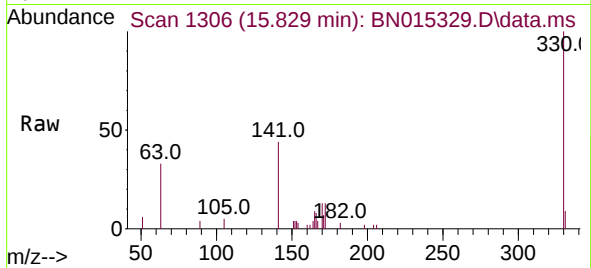




#14
2,4,6-Tribromophenol
Concen: 0.48 ng
RT: 15.829 min Scan# 1306
Delta R.T. -0.014 min
Lab File: BN015329.D
Acq: 03 Jul 2021 12:02

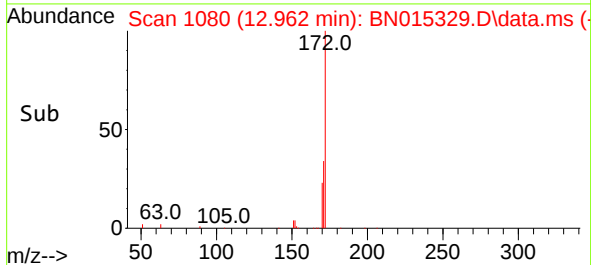
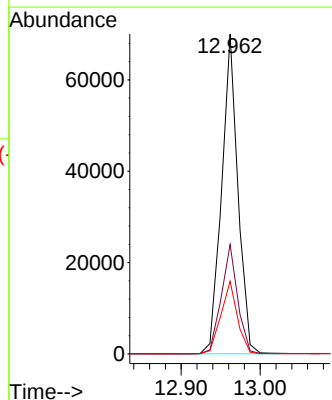
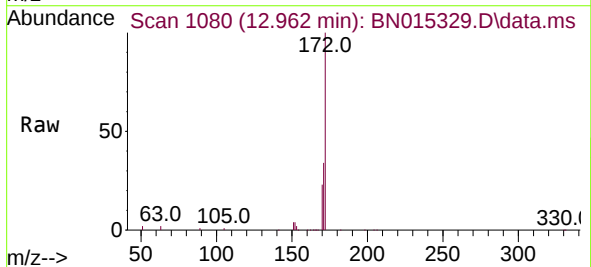
Instrument :
BNA_N
ClientSampleId :
RE126D2-20210622

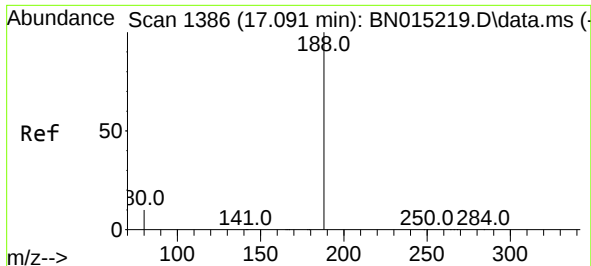
Tgt Ion:330 Resp: 7360
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 36.8 22.4 33.6#



#15
2-Fluorobiphenyl
Concen: 0.37 ng
RT: 12.962 min Scan# 1080
Delta R.T. -0.001 min
Lab File: BN015329.D
Acq: 03 Jul 2021 12:02

Tgt Ion:172 Resp: 100141
Ion Ratio Lower Upper
172 100
171 34.2 30.6 45.8
170 22.7 20.2 30.4

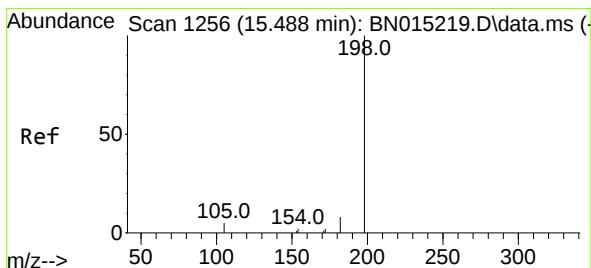
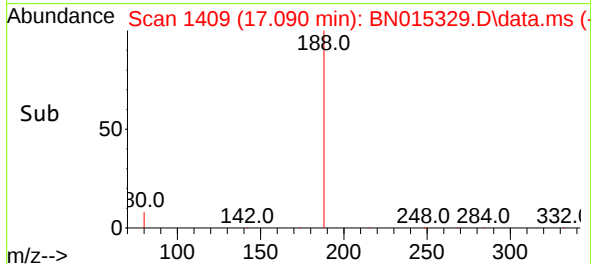
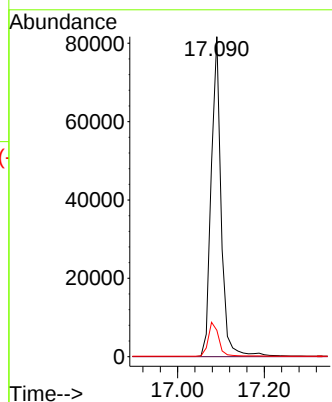
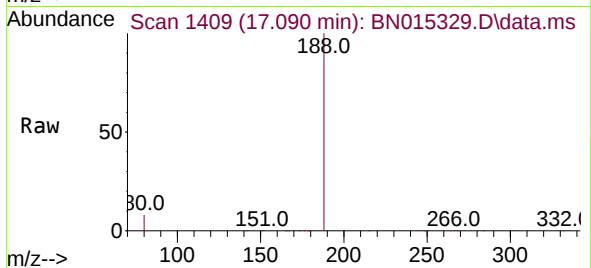




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.090 min Scan# 1409
Delta R.T. -0.001 min
Lab File: BN015329.D
Acq: 03 Jul 2021 12:02

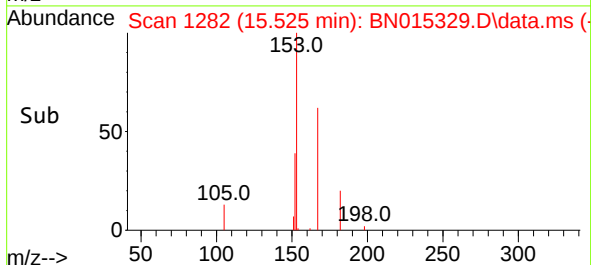
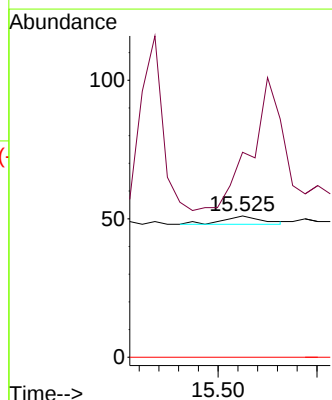
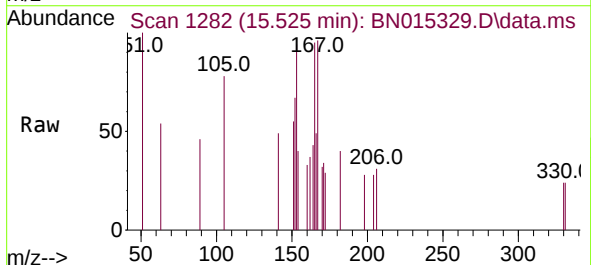
Instrument :
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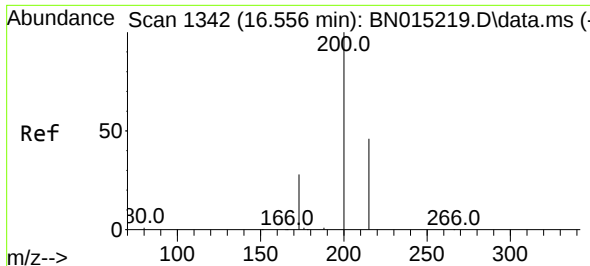
Tgt Ion:188 Resp: 129355
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.3 9.0 13.4#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.19 ng
RT: 15.525 min Scan# 1282
Delta R.T. 0.037 min
Lab File: BN015329.D
Acq: 03 Jul 2021 12:02

Tgt Ion:198 Resp: 8
Ion Ratio Lower Upper
198 100
182 145.1 34.5 51.7#
77 0.0 0.0 0.0

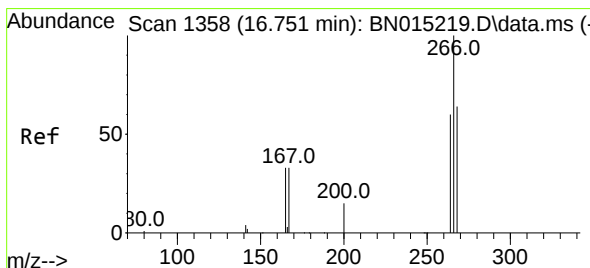
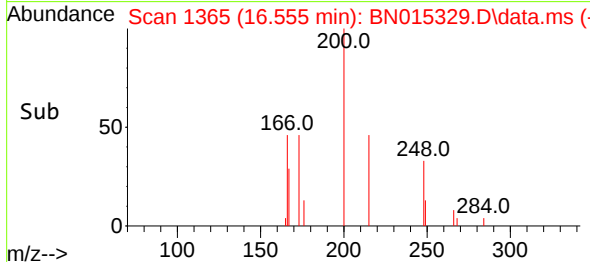
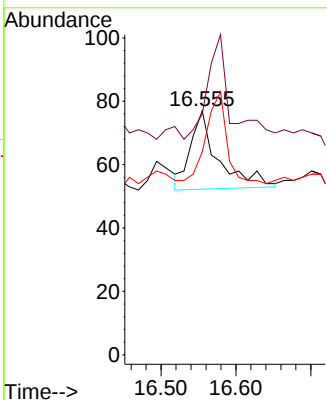
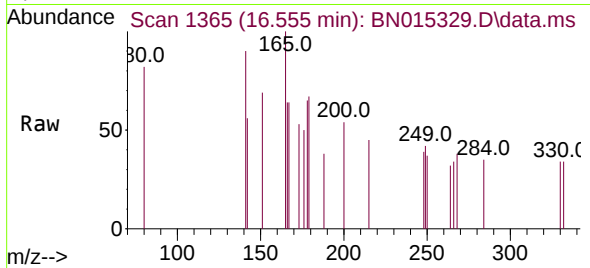




#23
Atrazine
Concen: 0.17 ng
RT: 16.555 min Scan# 1365
Delta R.T. -0.001 min
Lab File: BN015329.D
Acq: 03 Jul 2021 12:02

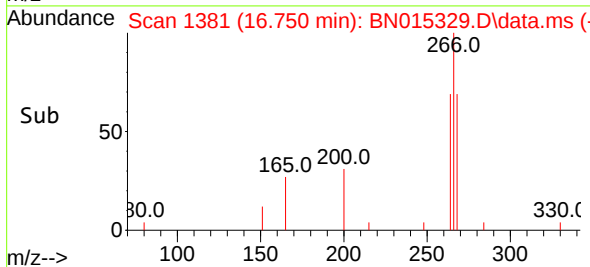
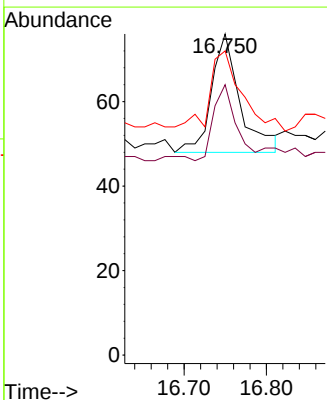
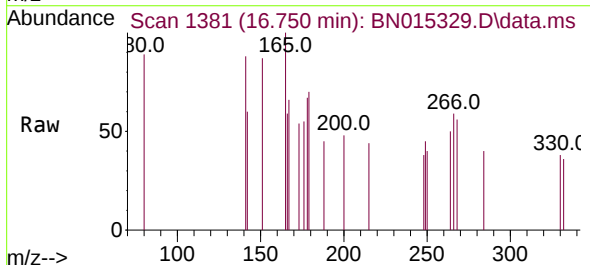
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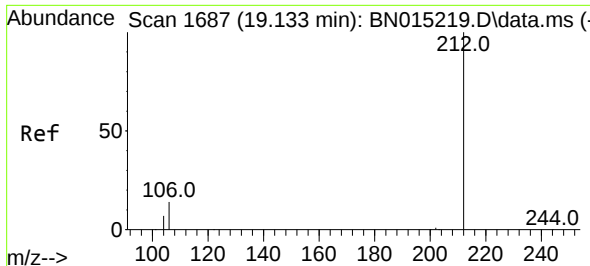
Tgt Ion:200 Resp: 63
Ion Ratio Lower Upper
200 100
173 98.7 21.7 32.5#
215 83.1 43.1 64.7#



#24
Pentachlorophenol
Concen: 0.25 ng
RT: 16.750 min Scan# 1381
Delta R.T. -0.001 min
Lab File: BN015329.D
Acq: 03 Jul 2021 12:02

Tgt Ion:266 Resp: 68
Ion Ratio Lower Upper
266 100
264 54.4 51.0 76.4
268 76.5 50.6 76.0#

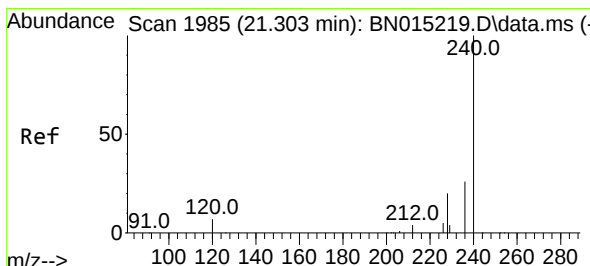
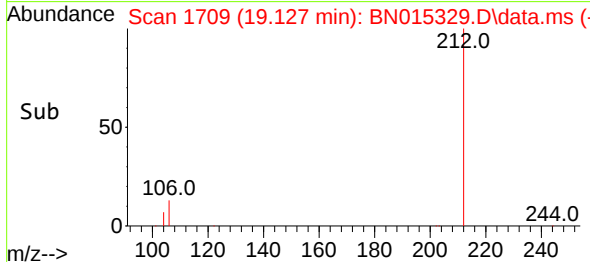
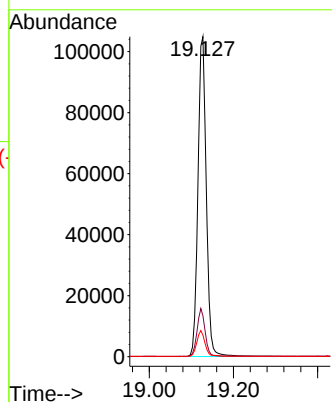
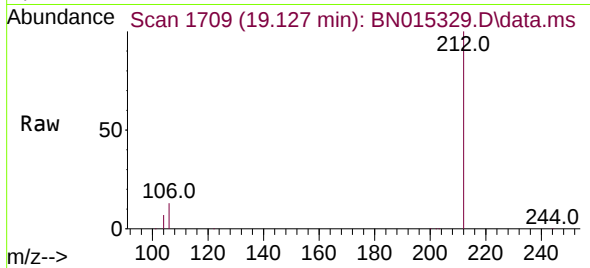




#27
Fluoranthene-d10
Concen: 0.38 ng
RT: 19.127 min Scan# 1709
Delta R.T. -0.006 min
Lab File: BN015329.D
Acq: 03 Jul 2021 12:02

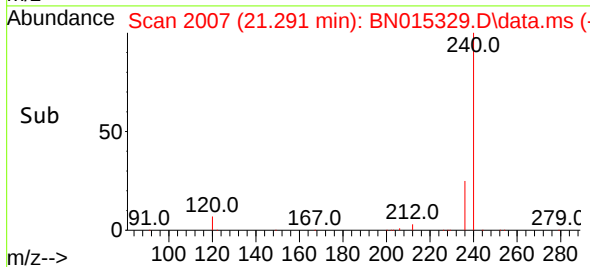
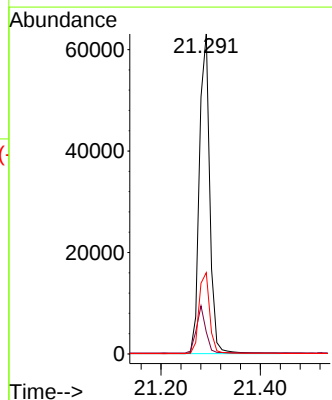
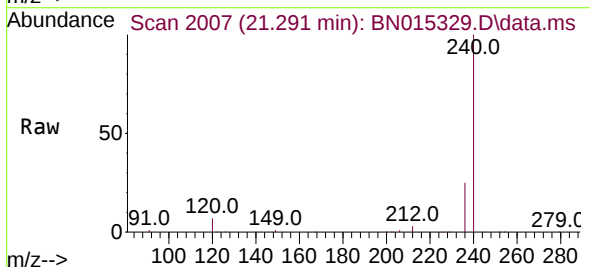
Instrument :
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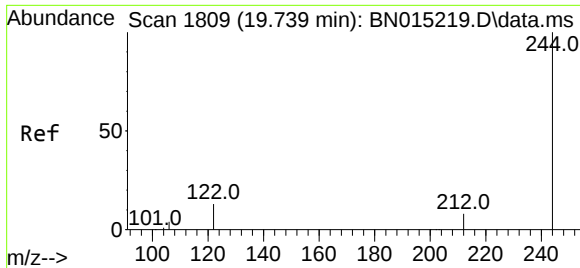
Tgt Ion:212 Resp: 144383
Ion Ratio Lower Upper
212 100
106 14.4 7.0 10.6#
104 8.0 4.1 6.1#



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.291 min Scan# 2007
Delta R.T. -0.012 min
Lab File: BN015329.D
Acq: 03 Jul 2021 12:02

Tgt Ion:240 Resp: 90980
Ion Ratio Lower Upper
240 100
120 6.9 4.2 6.4#
236 25.4 21.4 32.2

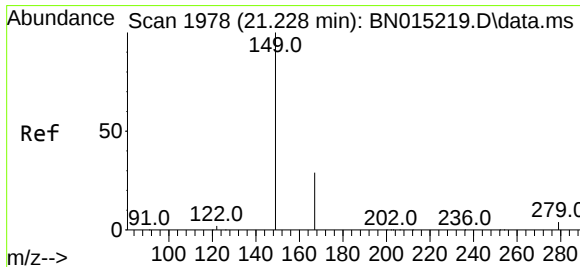
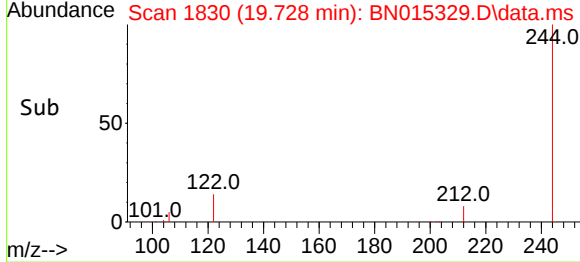
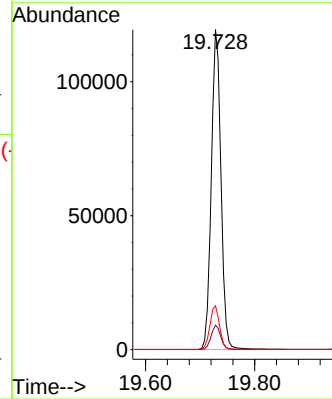
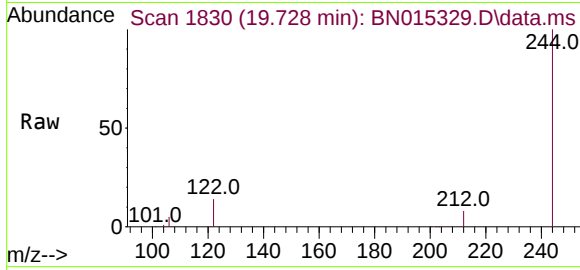




#31
Terphenyl-d14
Concen: 0.69 ng
RT: 19.728 min Scan# 1830
Delta R.T. -0.011 min
Lab File: BN015329.D
Acq: 03 Jul 2021 12:02

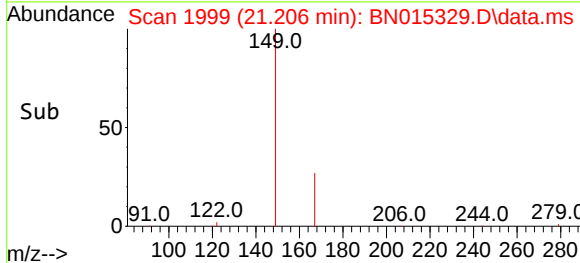
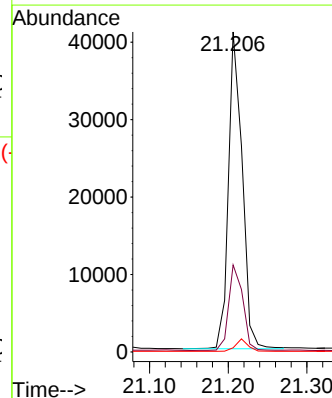
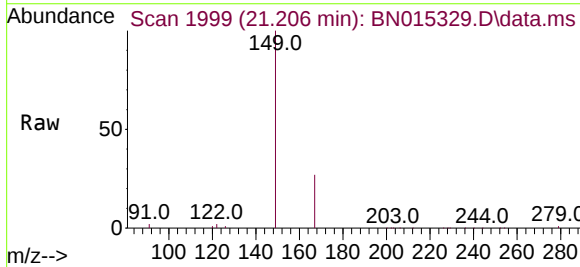
Instrument :
BNA_N
ClientSampleId :
RE126D2-20210622

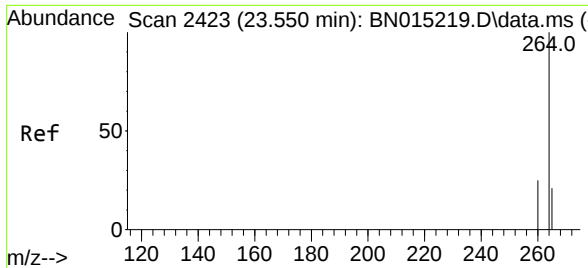
Tgt Ion:244 Resp: 147580
Ion Ratio Lower Upper
244 100
212 7.7 6.3 9.5
122 13.7 6.2 9.2#



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.58 ng
RT: 21.206 min Scan# 1999
Delta R.T. -0.022 min
Lab File: BN015329.D
Acq: 03 Jul 2021 12:02

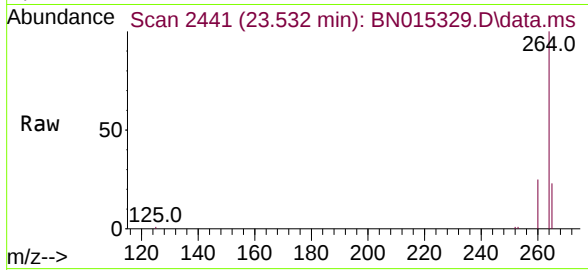
Tgt Ion:149 Resp: 49595
Ion Ratio Lower Upper
149 100
167 27.7 28.9 43.3#
279 3.5 4.9 7.3#





#35
Perylene-d12
Concen: 0.40 ng
RT: 23.532 min Scan# 2441
Delta R.T. -0.018 min
Lab File: BN015329.D
Acq: 03 Jul 2021 12:02

Instrument :
BNA_N
ClientSampleId :
RE126D2-20210622



Tgt Ion:264 Resp: 72676

Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.6	31.0
265	23.0	21.4	32.2

