

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070121\
 Data File : BN015267.D
 Acq On : 01 Jul 2021 19:19
 Operator : CG/JU
 Sample : M2783-18
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D4-20210618

Quant Time: Jul 02 00:59:57 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)

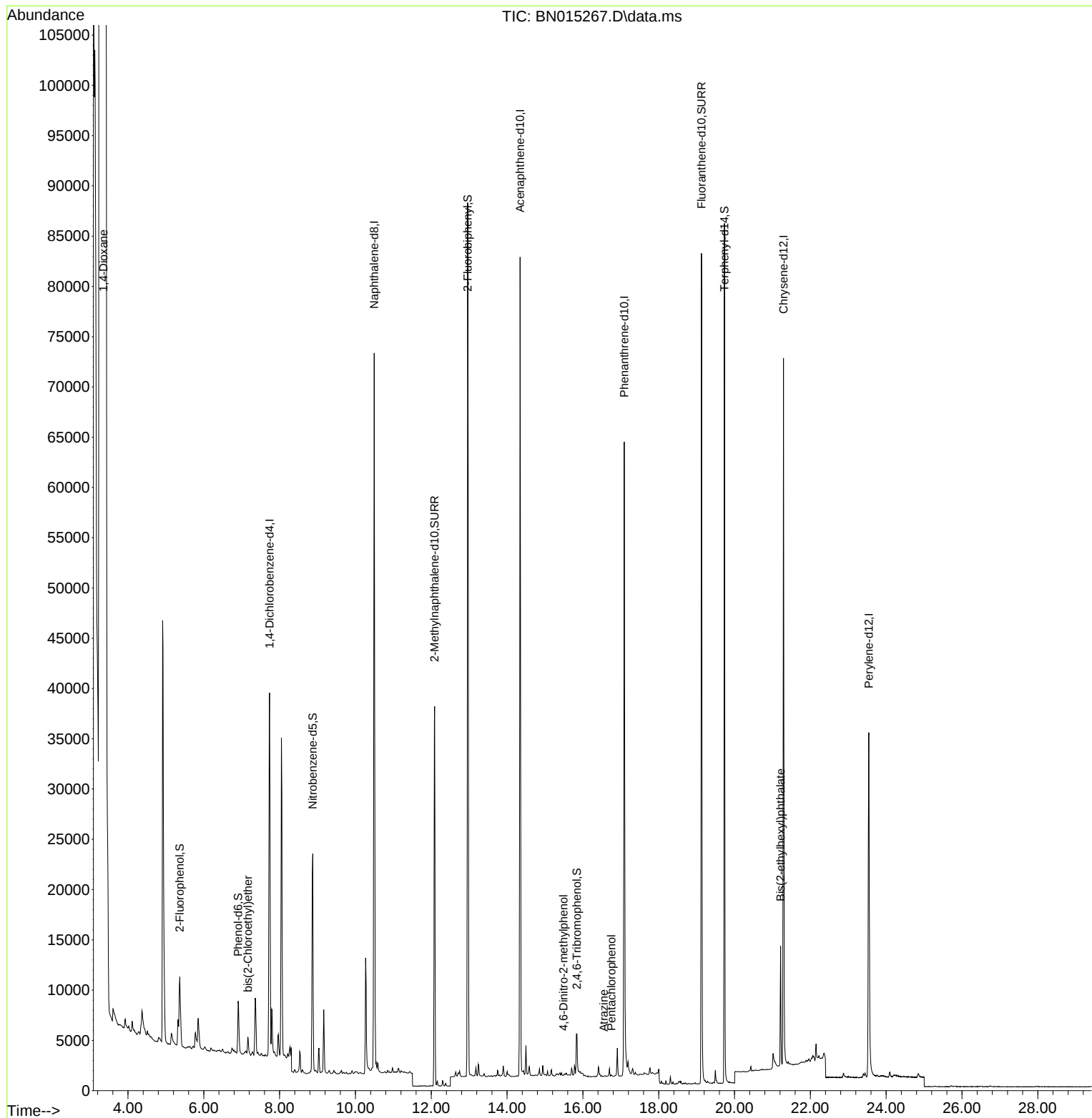
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.734	152	20412	0.40	ng	# 0.00
7) Naphthalene-d8	10.495	136	92110	0.40	ng	0.00
13) Acenaphthene-d10	14.345	164	45689	0.40	ng	0.00
19) Phenanthrene-d10	17.090	188	86478	0.40	ng	0.00
29) Chrysene-d12	21.291	240	66979	0.40	ng	#-0.01
35) Perylene-d12	23.542	264	50273	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.365	112	8039	0.15	ng	0.00
5) Phenol-d6	6.904	99	5380	0.08	ng	0.00
8) Nitrobenzene-d5	8.873	82	19933	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	12.087	152	50888	0.33	ng	0.00
14) 2,4,6-Tribromophenol	15.842	330	4384	0.44	ng	0.00
15) 2-Fluorobiphenyl	12.962	172	75316	0.41	ng	0.00
27) Fluoranthene-d10	19.127	212	96199	0.38	ng	0.00
31) Terphenyl-d14	19.733	244	83523	0.53	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.354	88	144397	15.09	ng	# 67
6) bis(2-Chloroethyl)ether	7.163	93	1598	0.02	ng	# 86
20) 4,6-Dinitro-2-methylph...	15.486	198	5	0.19	ng	# 11
23) Atrazine	16.555	200	26	0.17	ng	# 3
24) Pentachlorophenol	16.750	266	110	0.25	ng	96
34) Bis(2-ethylhexyl)phtha...	21.217	149	11094	0.28	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

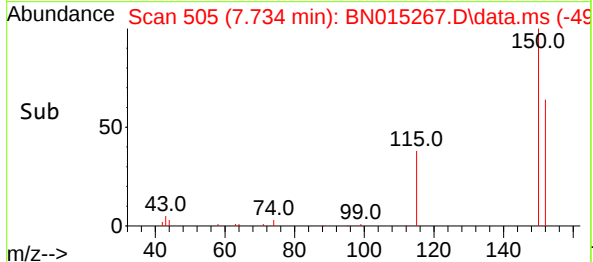
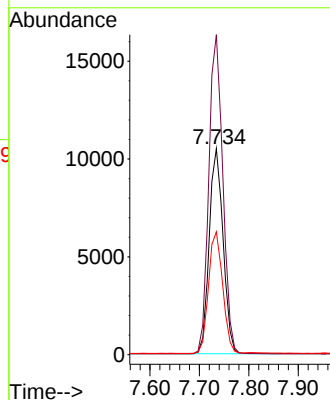
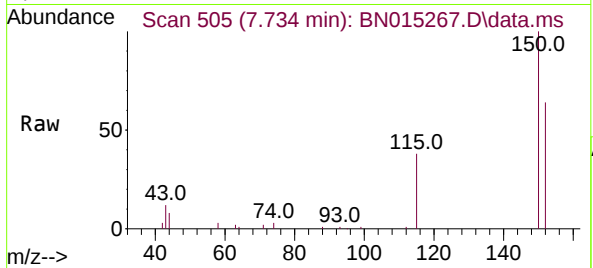




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.734 min Scan# 505
 Delta R.T. 0.002 min
 Lab File: BN015267.D
 Acq: 01 Jul 2021 19:19

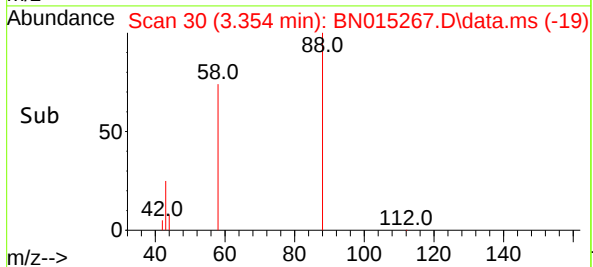
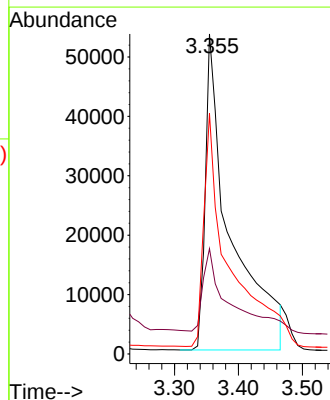
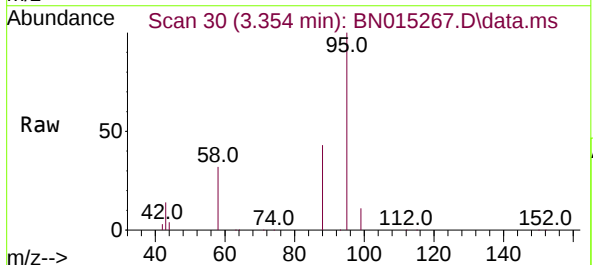
Instrument :
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 RE132D4-20210618

Tgt Ion: 152 Resp: 20412
 Ion Ratio Lower Upper
 152 100
 150 155.3 119.0 178.6
 115 59.6 62.2 93.4#



#2
 1,4-Dioxane
 Concen: 15.09 ng
 RT: 3.354 min Scan# 30
 Delta R.T. 0.003 min
 Lab File: BN015267.D
 Acq: 01 Jul 2021 19:19

Tgt Ion: 88 Resp: 144397
 Ion Ratio Lower Upper
 88 100
 43 25.5 12.9 19.3#
 58 72.3 38.1 57.1#

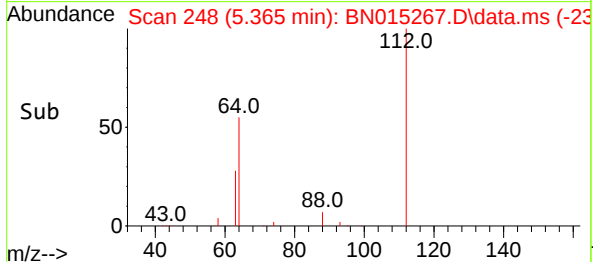
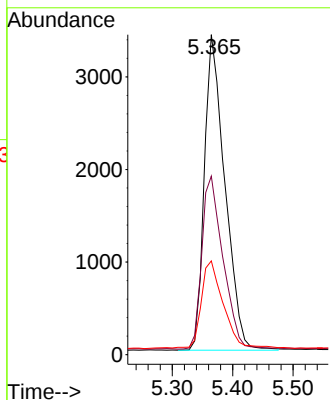
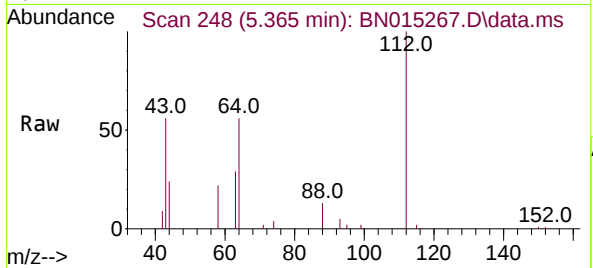




#4
2-Fluorophenol
Concen: 0.15 ng
RT: 5.365 min Scan# 248
Delta R.T. 0.003 min
Lab File: BN015267.D
Acq: 01 Jul 2021 19:19

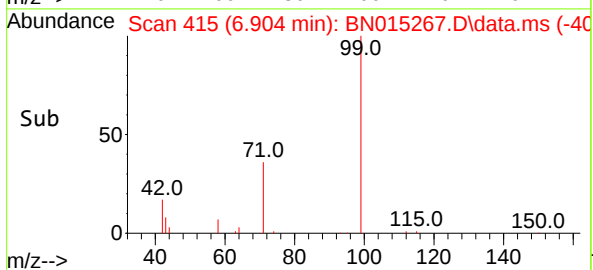
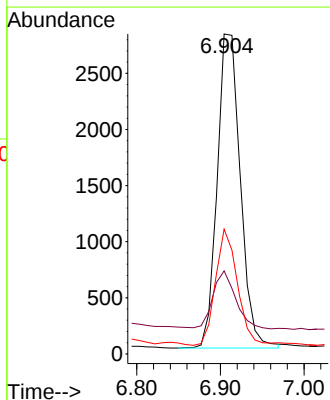
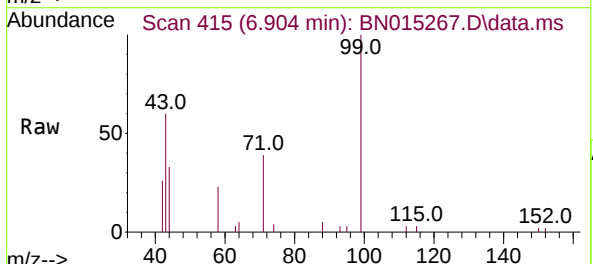
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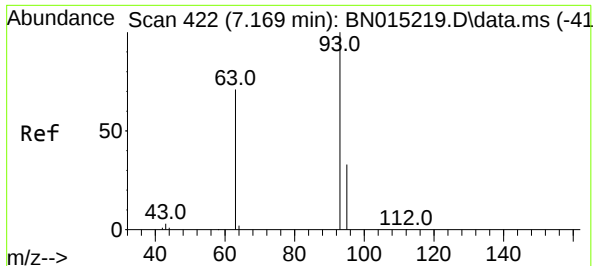
Tgt Ion: 112 Resp: 8039
Ion Ratio Lower Upper
112 100
64 56.5 39.0 58.6
63 28.7 20.6 30.8



#5
Phenol-d6
Concen: 0.08 ng
RT: 6.904 min Scan# 415
Delta R.T. 0.003 min
Lab File: BN015267.D
Acq: 01 Jul 2021 19:19

Tgt Ion: 99 Resp: 5380
Ion Ratio Lower Upper
99 100
42 18.0 8.9 13.3#
71 34.9 35.6 53.4#

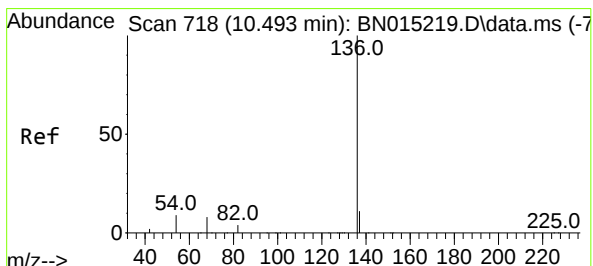
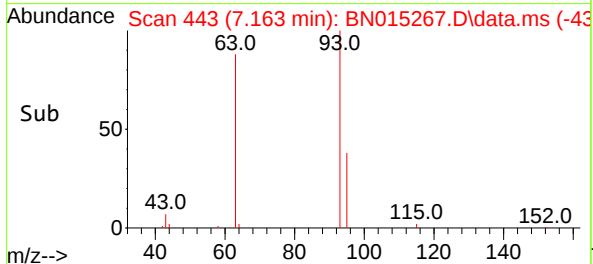
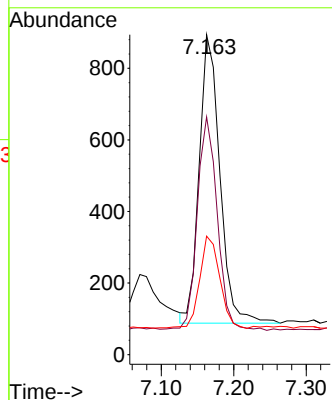
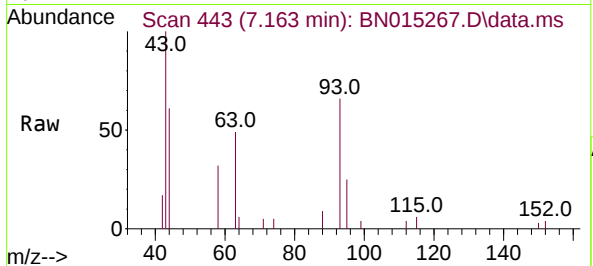




#6
bis(2-Chloroethyl)ether
Concen: 0.02 ng
RT: 7.163 min Scan# 443
Delta R.T. -0.007 min
Lab File: BN015267.D
Acq: 01 Jul 2021 19:19

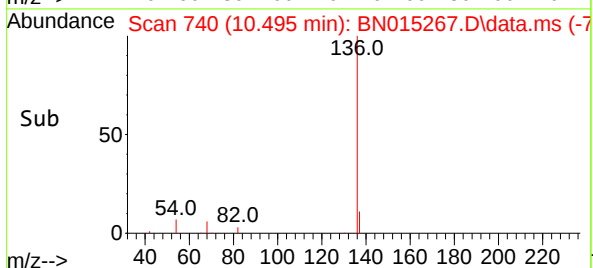
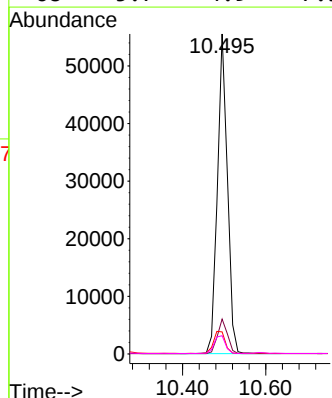
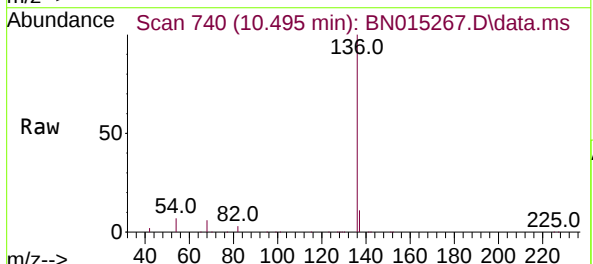
Instrument :
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ClientSampleId :
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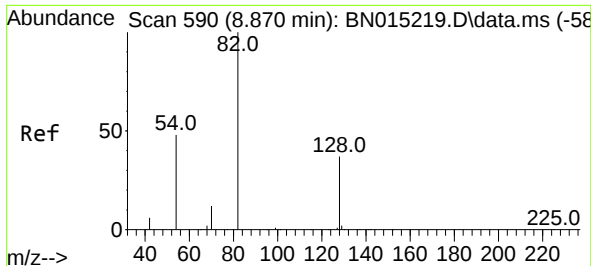
Tgt Ion: 93 Resp: 1598
Ion Ratio Lower Upper
93 100
63 71.8 46.6 70.0#
95 31.2 28.6 42.8



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.495 min Scan# 740
Delta R.T. 0.003 min
Lab File: BN015267.D
Acq: 01 Jul 2021 19:19

Tgt Ion: 136 Resp: 92110
Ion Ratio Lower Upper
136 100
137 10.9 9.8 14.8
54 6.9 5.4 8.2
68 5.7 4.9 7.3

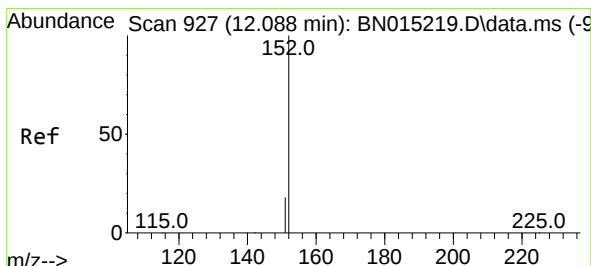
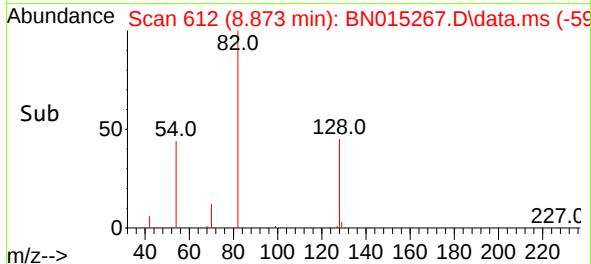
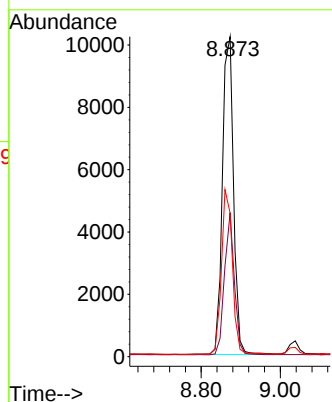
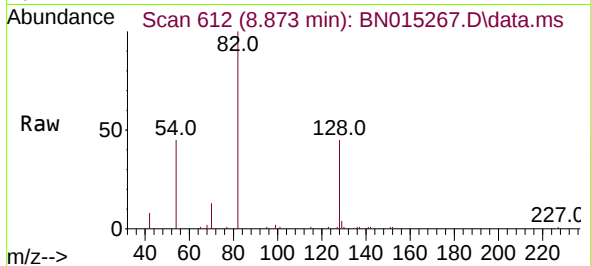




#8
Nitrobenzene-d5
Concen: 0.39 ng
RT: 8.873 min Scan# 612
Delta R.T. 0.003 min
Lab File: BN015267.D
Acq: 01 Jul 2021 19:19

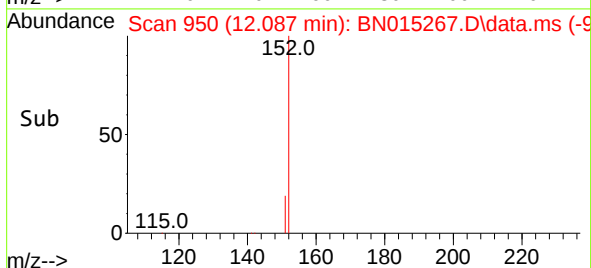
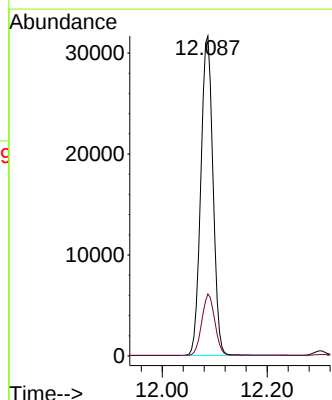
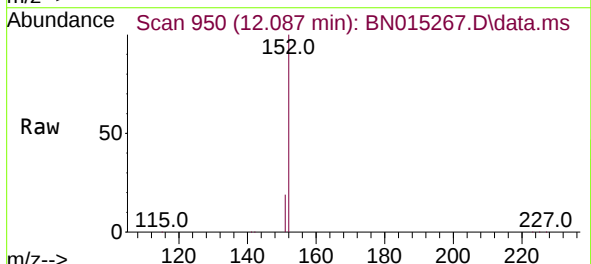
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BNA_N
ClientSampleId :
RE132D4-20210618

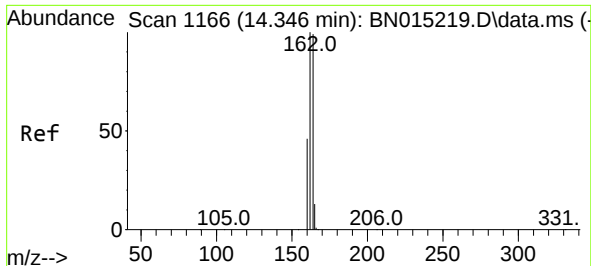
Tgt Ion: 82 Resp: 19933
Ion Ratio Lower Upper
82 100
128 45.0 31.6 47.4
54 44.9 29.0 43.4#



#11
2-Methylnaphthalene-d10
Concen: 0.33 ng
RT: 12.087 min Scan# 950
Delta R.T. -0.001 min
Lab File: BN015267.D
Acq: 01 Jul 2021 19:19

Tgt Ion: 152 Resp: 50888
Ion Ratio Lower Upper
152 100
151 20.6 16.7 25.1

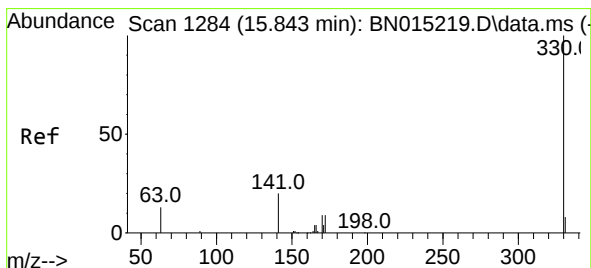
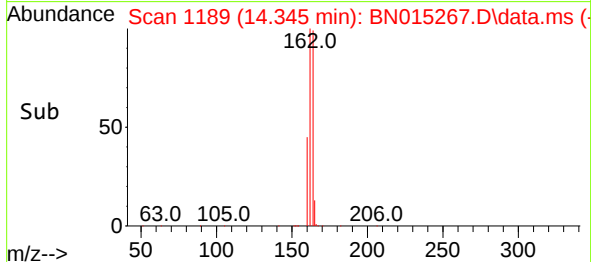
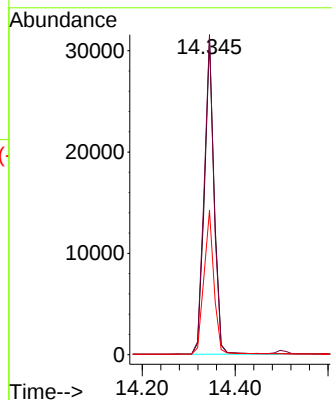
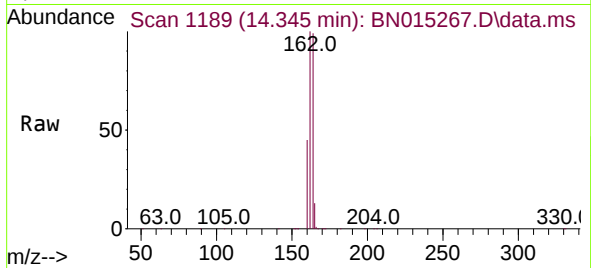




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.345 min Scan# 1189
Delta R.T. -0.001 min
Lab File: BN015267.D
Acq: 01 Jul 2021 19:19

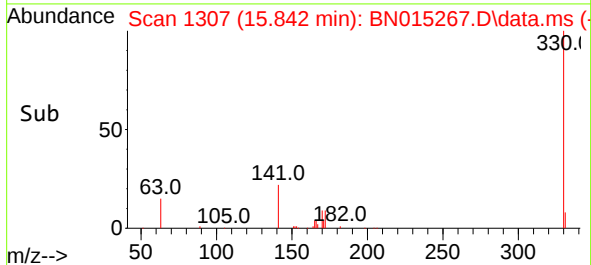
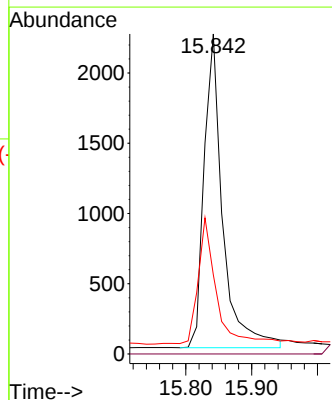
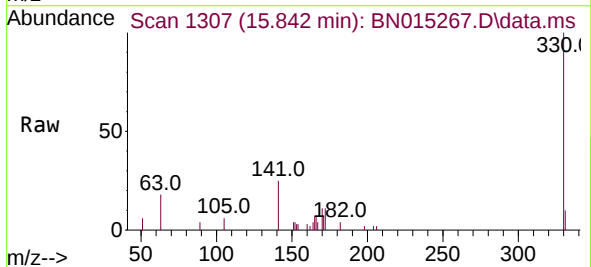
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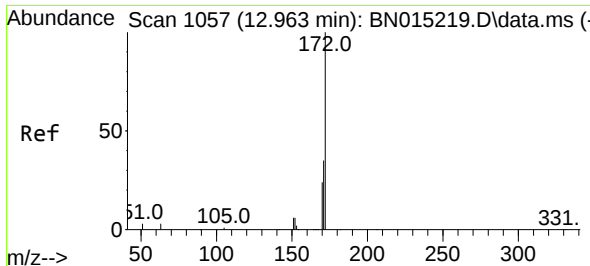
Tgt Ion:164 Resp: 45689
Ion Ratio Lower Upper
164 100
162 101.3 83.8 125.6
160 45.7 37.4 56.0



#14
2,4,6-Tribromophenol
Concen: 0.44 ng
RT: 15.842 min Scan# 1307
Delta R.T. -0.001 min
Lab File: BN015267.D
Acq: 01 Jul 2021 19:19

Tgt Ion:330 Resp: 4384
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 37.9 22.4 33.6#

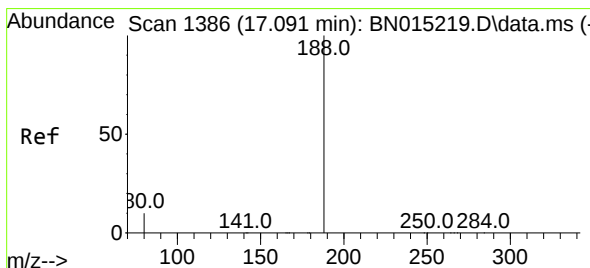
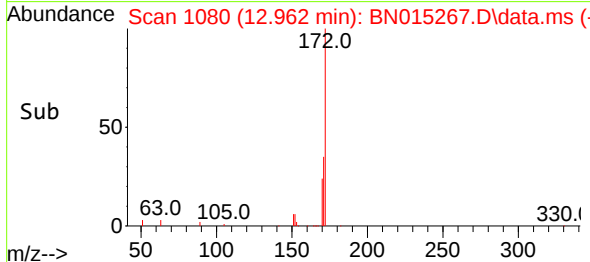
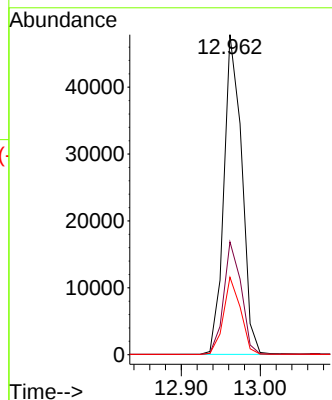
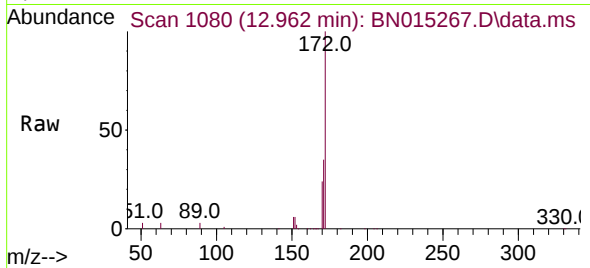




#15
2-Fluorobiphenyl
Concen: 0.41 ng
RT: 12.962 min Scan# 1080
Delta R.T. -0.001 min
Lab File: BN015267.D
Acq: 01 Jul 2021 19:19

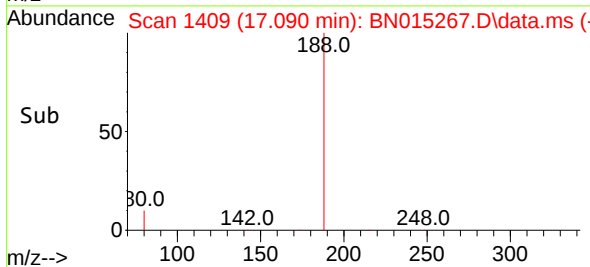
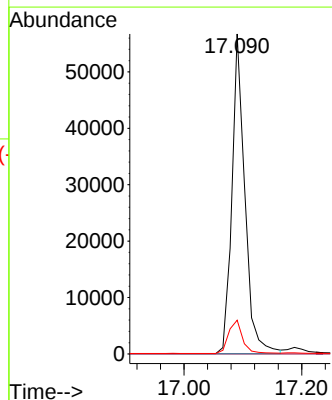
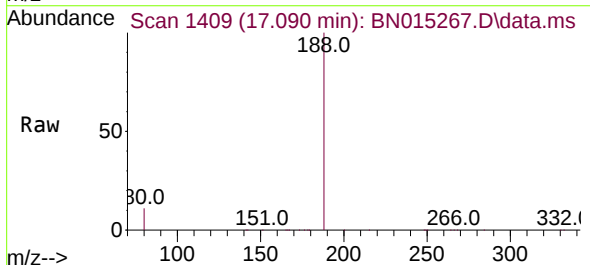
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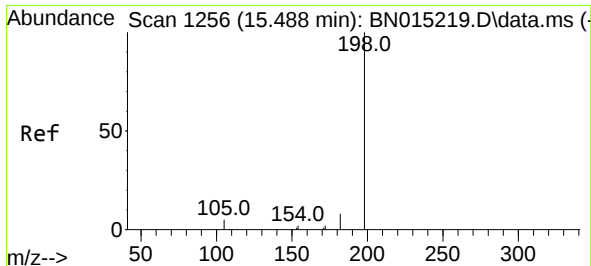
Tgt Ion:172	Resp:	75316
Ion Ratio	Lower	Upper
172	100	
171	35.3	30.6 45.8
170	24.2	20.2 30.4



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.090 min Scan# 1409
Delta R.T. -0.001 min
Lab File: BN015267.D
Acq: 01 Jul 2021 19:19

Tgt Ion:188	Resp:	86478
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0 0.0
80	10.5	9.0 13.4

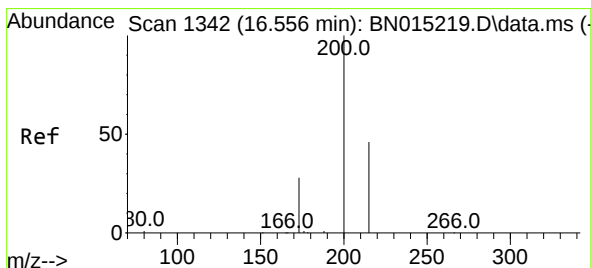
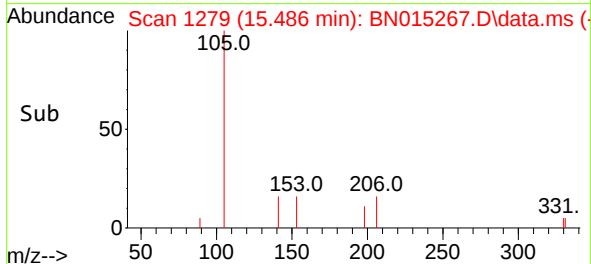
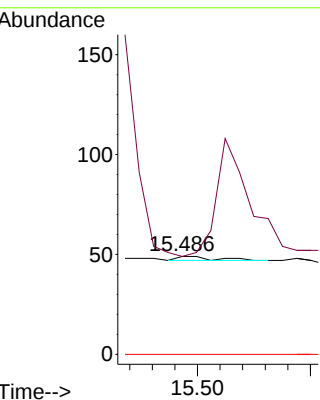
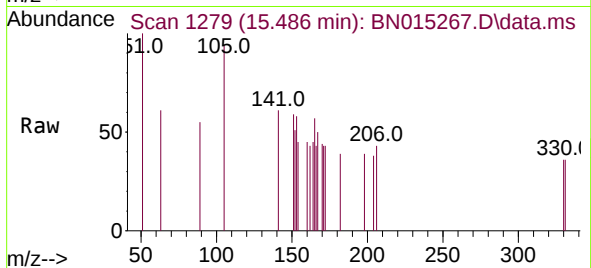




#20
4,6-Dinitro-2-methylphenol
Concen: 0.19 ng
RT: 15.486 min Scan# 1279
Delta R.T. -0.002 min
Lab File: BN015267.D
Acq: 01 Jul 2021 19:19

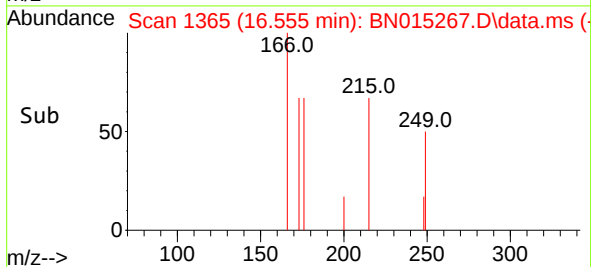
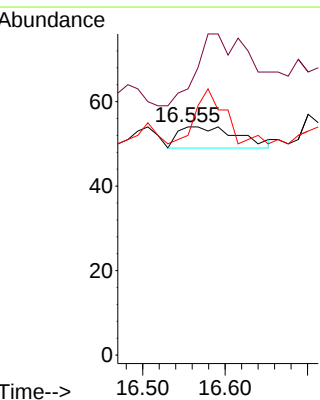
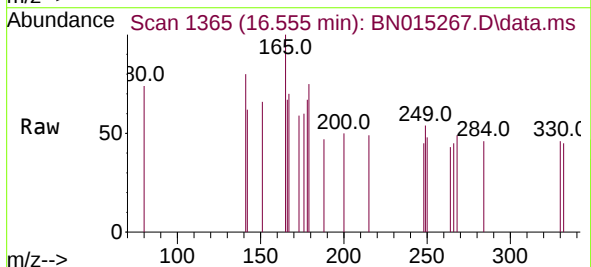
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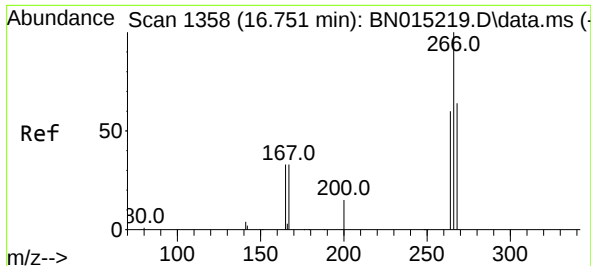
Tgt Ion:198 Resp: 5
Ion Ratio Lower Upper
198 100
182 100.0 34.5 51.7#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.17 ng
RT: 16.555 min Scan# 1365
Delta R.T. -0.001 min
Lab File: BN015267.D
Acq: 01 Jul 2021 19:19

Tgt Ion:200 Resp: 26
Ion Ratio Lower Upper
200 100
173 116.7 21.7 32.5#
215 96.3 43.1 64.7#

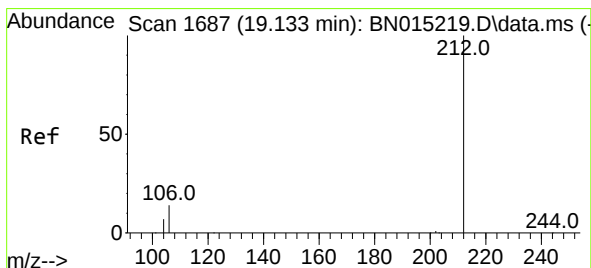
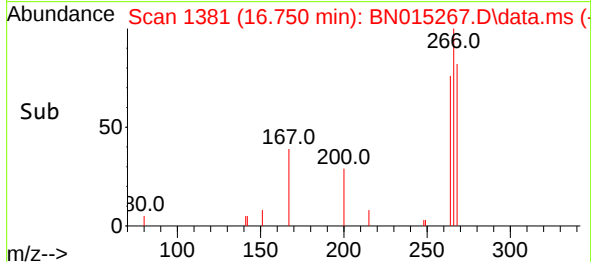
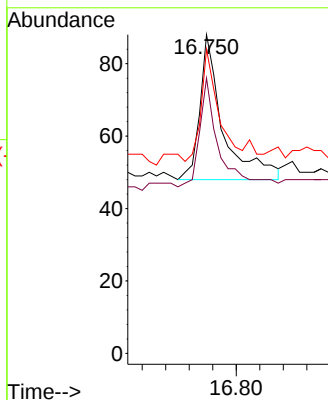
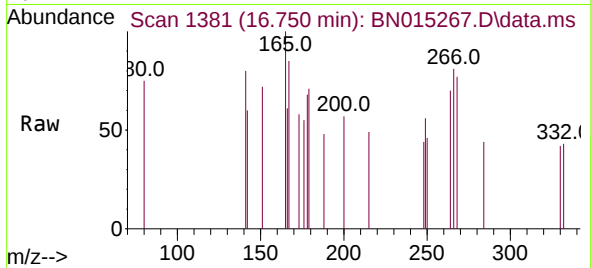




#24
 Pentachlorophenol
 Concen: 0.25 ng
 RT: 16.750 min Scan# 1381
 Delta R.T. -0.001 min
 Lab File: BN015267.D
 Acq: 01 Jul 2021 19:19

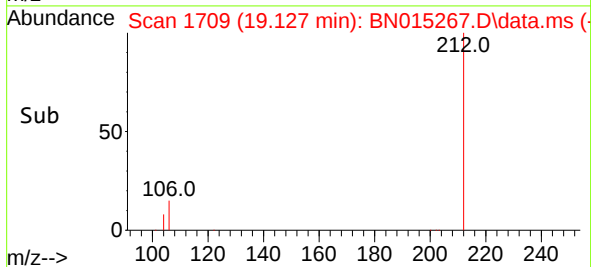
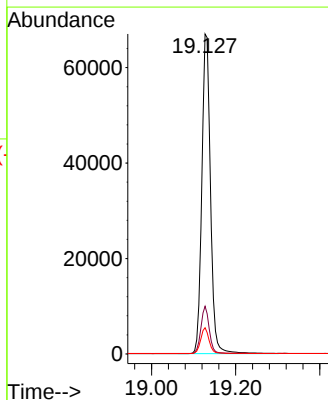
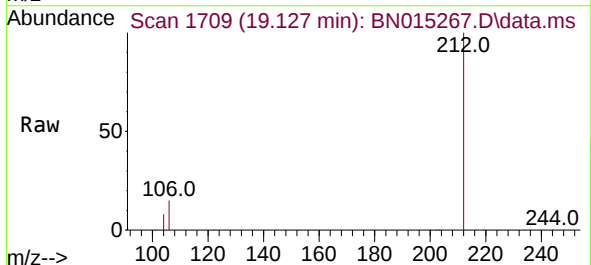
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 ClientSampleId :
 RE132D4-20210618

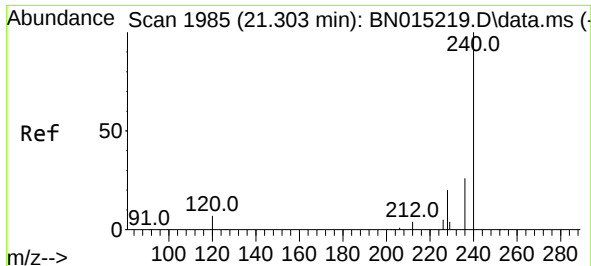
Tgt Ion:	266	Resp:	110
Ion Ratio	Lower	Upper	
266	100		
264	62.7	51.0	76.4
268	58.2	50.6	76.0



#27
 Fluoranthene-d10
 Concen: 0.38 ng
 RT: 19.127 min Scan# 1709
 Delta R.T. -0.006 min
 Lab File: BN015267.D
 Acq: 01 Jul 2021 19:19

Tgt Ion:	212	Resp:	96199
Ion Ratio	Lower	Upper	
212	100		
106	14.3	7.0	10.6#
104	7.9	4.1	6.1#

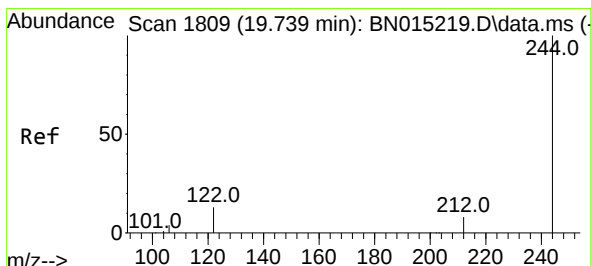
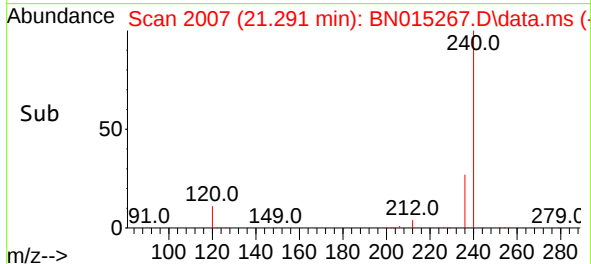
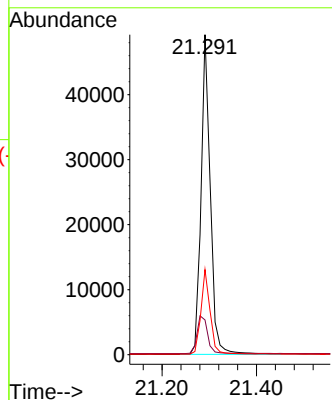
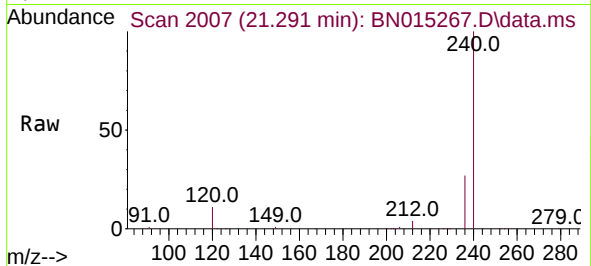




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.291 min Scan# 2007
Delta R.T. -0.012 min
Lab File: BN015267.D
Acq: 01 Jul 2021 19:19

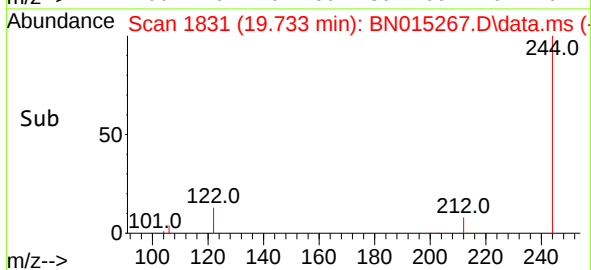
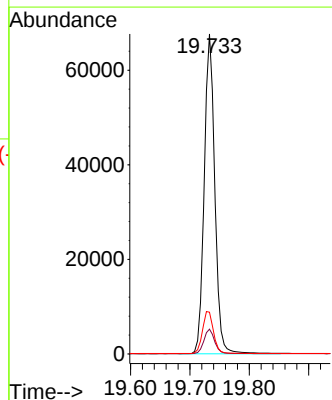
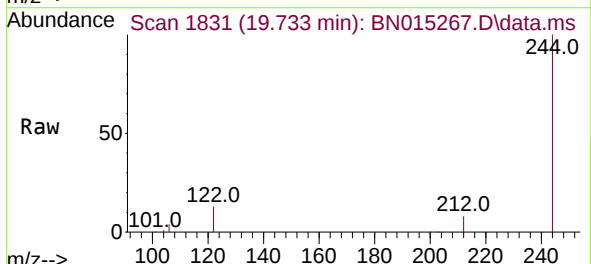
Instrument :
BNA_N
ClientSampleId :
RE132D4-20210618

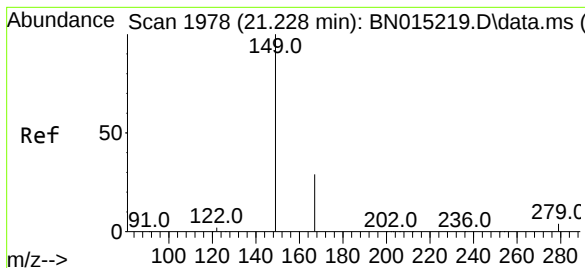
Tgt Ion:240 Resp: 66979
Ion Ratio Lower Upper
240 100
120 10.8 4.2 6.4#
236 26.6 21.4 32.2



#31
Terphenyl-d14
Concen: 0.53 ng
RT: 19.733 min Scan# 1831
Delta R.T. -0.006 min
Lab File: BN015267.D
Acq: 01 Jul 2021 19:19

Tgt Ion:244 Resp: 83523
Ion Ratio Lower Upper
244 100
212 7.7 6.3 9.5
122 13.1 6.2 9.2#

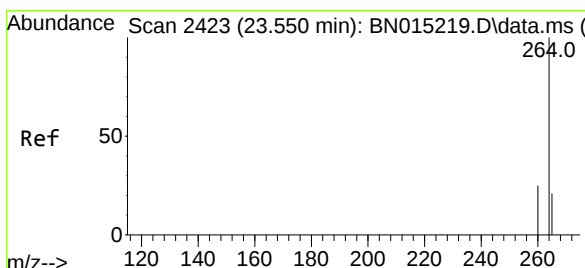
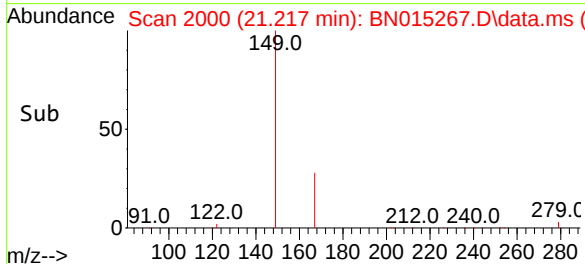
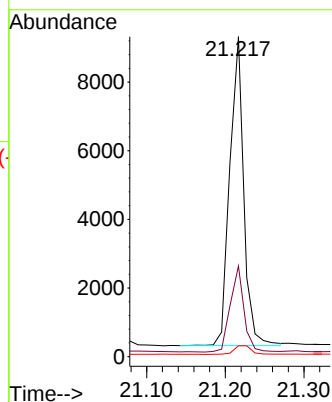
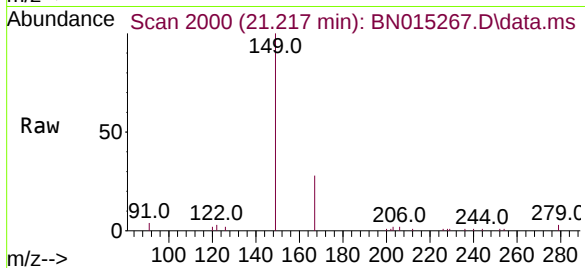




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.28 ng
RT: 21.217 min Scan# 2000
Delta R.T. -0.011 min
Lab File: BN015267.D
Acq: 01 Jul 2021 19:19

Instrument :
BNA_N
ClientSampleId :
RE132D4-20210618

Tgt Ion:149 Resp: 11094
Ion Ratio Lower Upper
149 100
167 27.3 28.9 43.3#
279 3.5 4.9 7.3#



#35
Perylene-d12
Concen: 0.40 ng
RT: 23.542 min Scan# 2444
Delta R.T. -0.008 min
Lab File: BN015267.D
Acq: 01 Jul 2021 19:19

Tgt Ion:264 Resp: 50273
Ion Ratio Lower Upper
264 100
260 24.9 20.6 31.0
265 23.6 21.4 32.2

