

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071421\
 Data File : BN015570.D
 Acq On : 14 Jul 2021 19:04
 Operator : CG/JU
 Sample : M2953-03DL 10X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 15 01:05:17 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

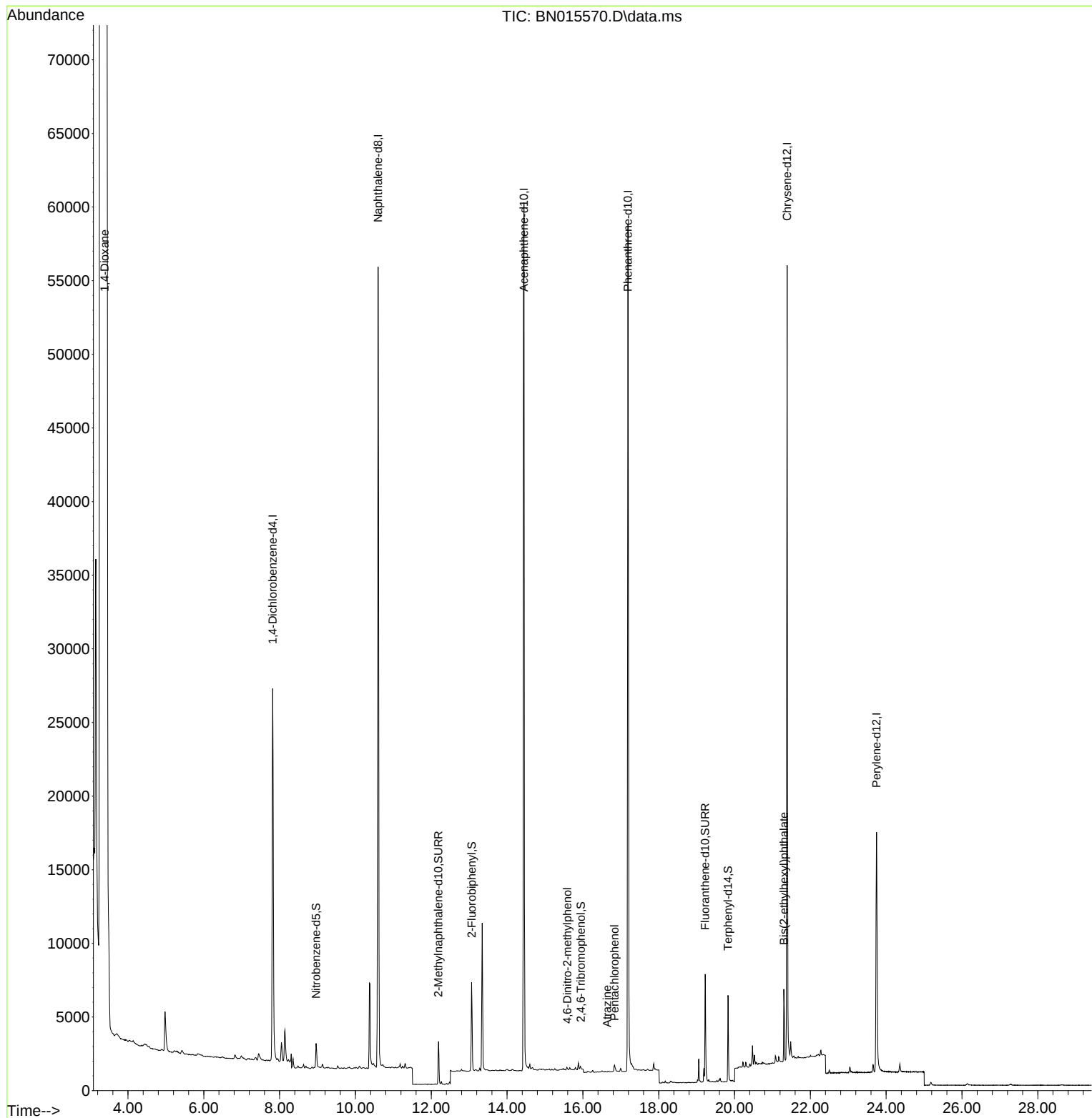
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.818	152	15791	0.40	ng	# 0.00
7) Naphthalene-d8	10.597	136	74290	0.40	ng	0.00
13) Acenaphthene-d10	14.447	164	40273	0.40	ng	0.01
19) Phenanthrene-d10	17.188	188	79820	0.40	ng	0.00
29) Chrysene-d12	21.387	240	50197	0.40	ng	# 0.00
35) Perylene-d12	23.745	264	24678	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.420	112	309	0.01	ng	0.00
5) Phenol-d6	6.988	99	235	0.00	ng	0.00
8) Nitrobenzene-d5	8.962	82	1633	0.04	ng	0.00
11) 2-Methylnaphthalene-d10	12.190	152	4036	0.03	ng	0.00
14) 2,4,6-Tribromophenol	15.944	330	198	0.23	ng	0.01
15) 2-Fluorobiphenyl	13.064	172	5536	0.03	ng	0.00
27) Fluoranthene-d10	19.227	212	8527	0.04	ng	0.00
31) Terphenyl-d14	19.828	244	6036	0.05	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.383	88	22876	3.09	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.588	198	93	0.26	ng	# 78
23) Atrazine	16.640	200	12	0.17	ng	# 6
24) Pentachlorophenol	16.835	266	502	0.30	ng	# 59
34) Bis(2-ethylhexyl)phtha...	21.302	149	4631	0.22	ng	# 88

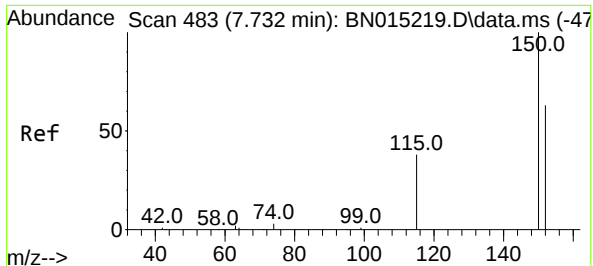
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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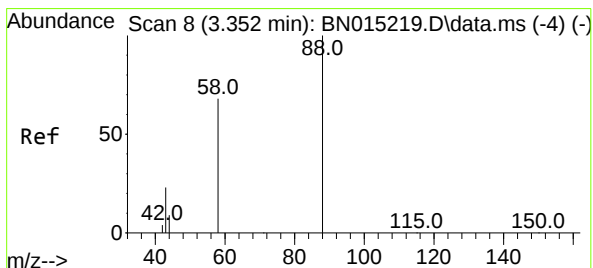
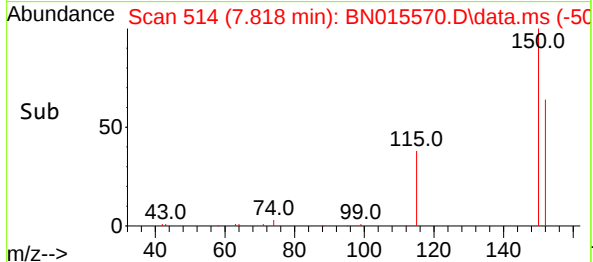
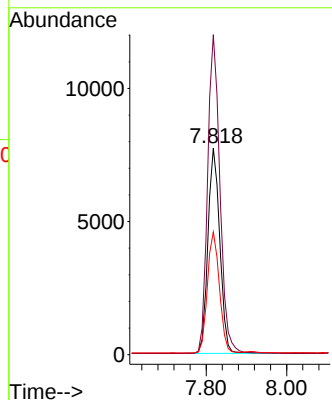
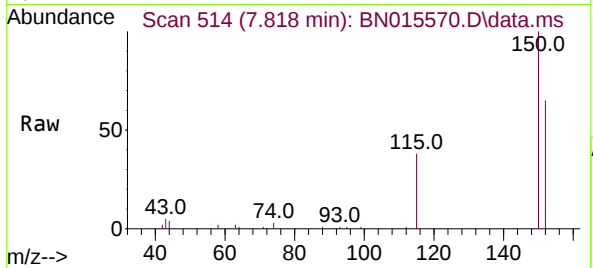




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.818 min Scan# 514
 Delta R.T. 0.001 min
 Lab File: BN015570.D
 Acq: 14 Jul 2021 19:04

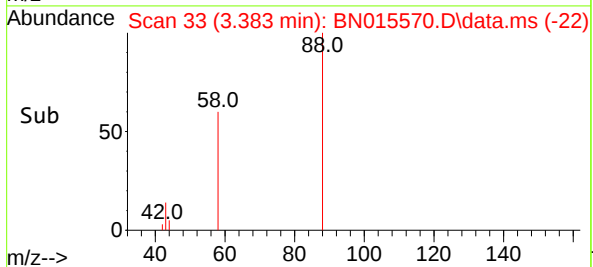
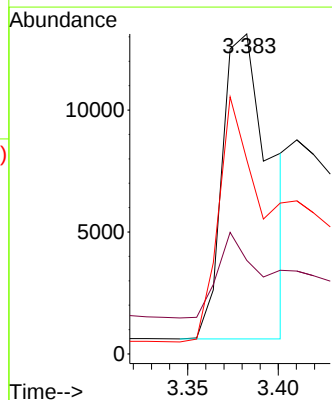
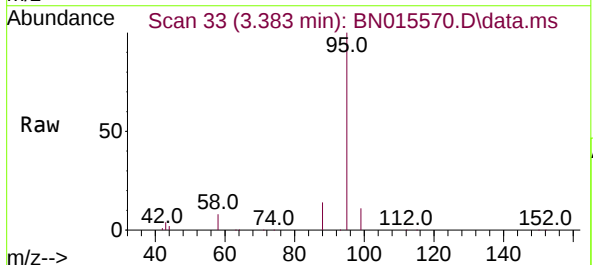
Instrument :
 BNA_N
 ClientSampleId :

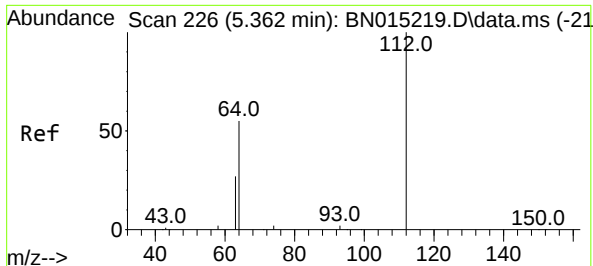
Tgt Ion:152 Resp: 15791
 Ion Ratio Lower Upper
 152 100
 150 154.9 119.0 178.6
 115 59.4 62.2 93.4#



#2
 1,4-Dioxane
 Concen: 3.09 ng
 RT: 3.383 min Scan# 33
 Delta R.T. 0.000 min
 Lab File: BN015570.D
 Acq: 14 Jul 2021 19:04

Tgt Ion: 88 Resp: 22876
 Ion Ratio Lower Upper
 88 100
 43 55.0 12.9 19.3#
 58 167.1 38.1 57.1#

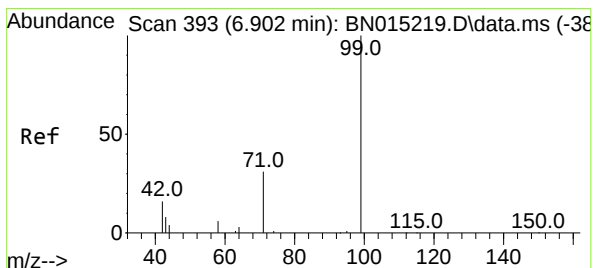
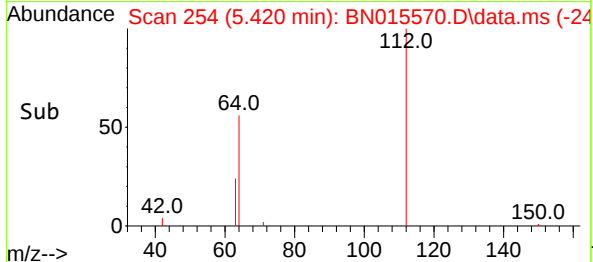
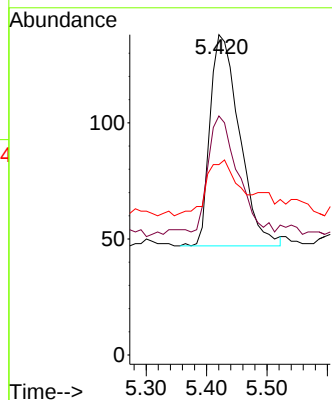
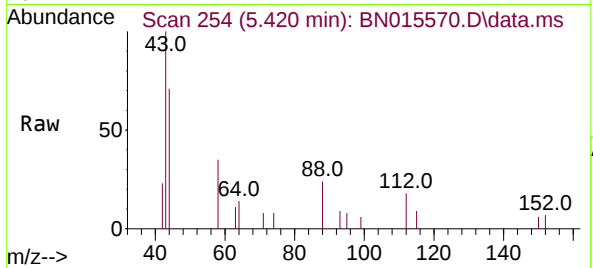




#4
2-Fluorophenol
Concen: 0.01 ng
RT: 5.420 min Scan# 254
Delta R.T. 0.000 min
Lab File: BN015570.D
Acq: 14 Jul 2021 19:04

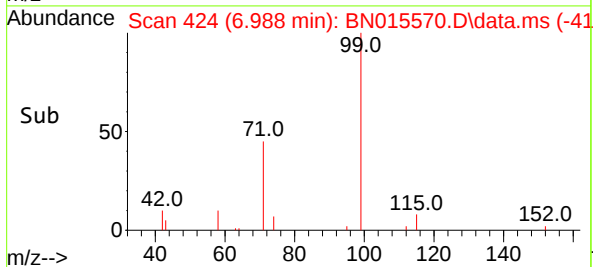
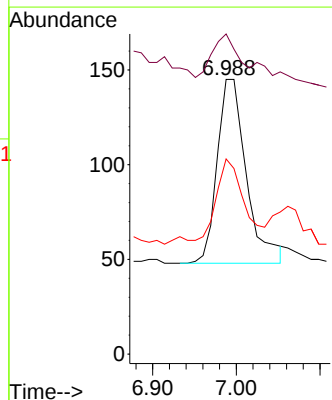
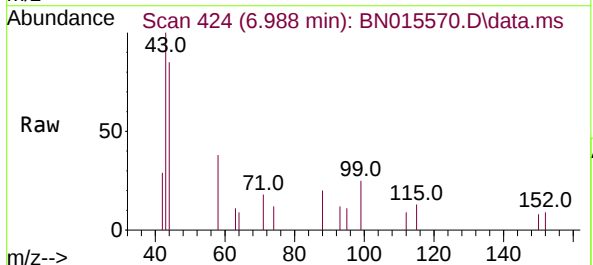
Instrument :
BNA_N
ClientSampled :

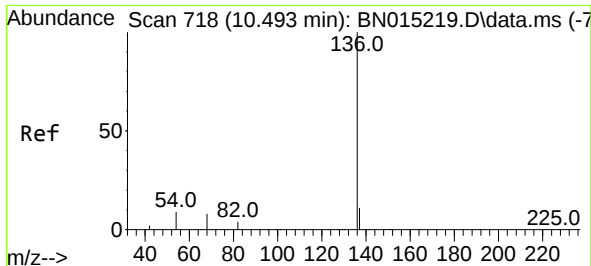
Tgt Ion:112 Resp: 309
Ion Ratio Lower Upper
112 100
64 54.0 39.0 58.6
63 29.1 20.6 30.8



#5
Phenol-d6
Concen: 0.00 ng
RT: 6.988 min Scan# 424
Delta R.T. 0.000 min
Lab File: BN015570.D
Acq: 14 Jul 2021 19:04

Tgt Ion: 99 Resp: 235
Ion Ratio Lower Upper
99 100
42 23.4 8.9 13.3#
71 40.4 35.6 53.4

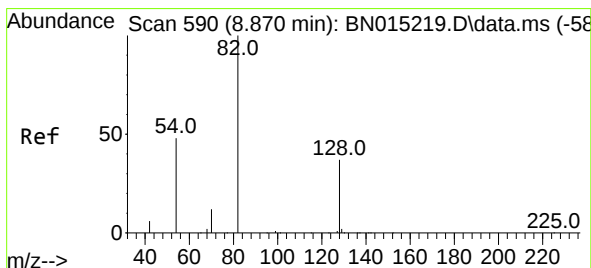
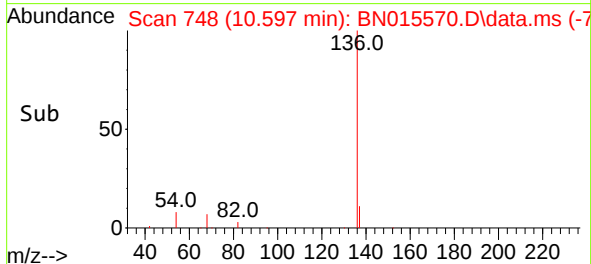
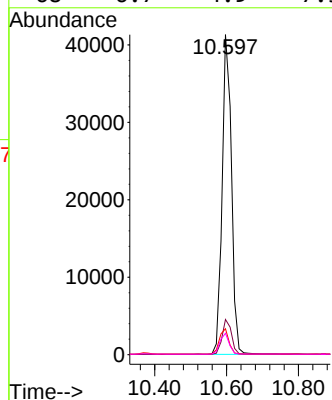
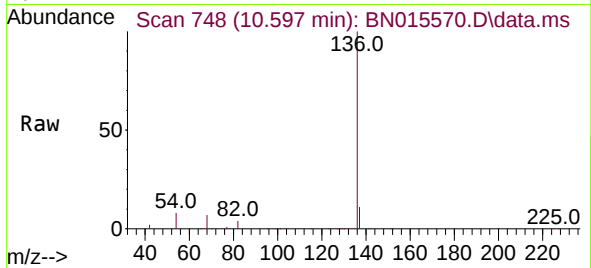




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.597 min Scan# 748
Delta R.T. 0.000 min
Lab File: BN015570.D
Acq: 14 Jul 2021 19:04

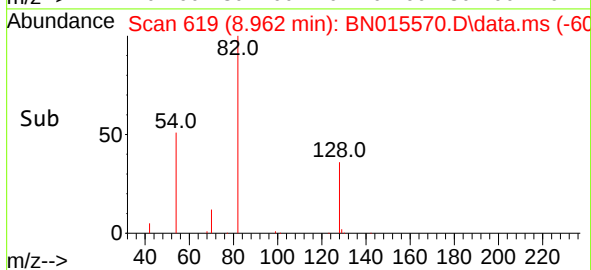
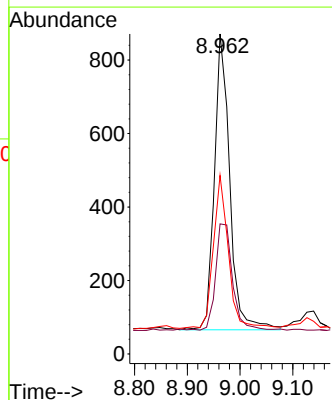
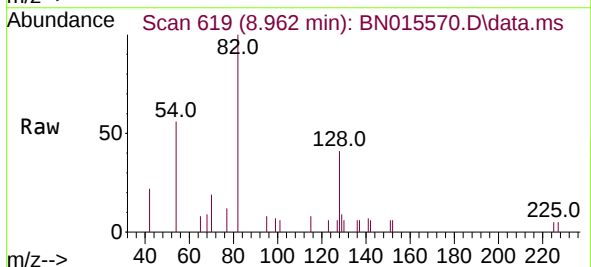
Instrument :
BNA_N
ClientSampleId :

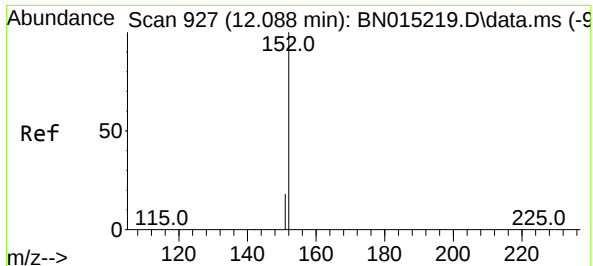
Tgt Ion:	136	Resp:	74290
Ion Ratio	Lower	Upper	
136	100		
137	11.0	9.8	14.8
54	8.1	5.4	8.2
68	6.7	4.9	7.3



#8
Nitrobenzene-d5
Concen: 0.04 ng
RT: 8.962 min Scan# 619
Delta R.T. 0.000 min
Lab File: BN015570.D
Acq: 14 Jul 2021 19:04

Tgt Ion:	82	Resp:	1633
Ion Ratio	Lower	Upper	
82	100		
128	40.6	31.6	47.4
54	55.8	29.0	43.4

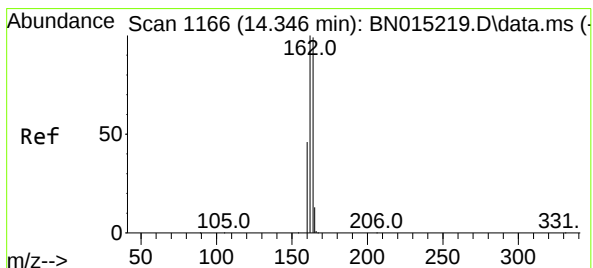
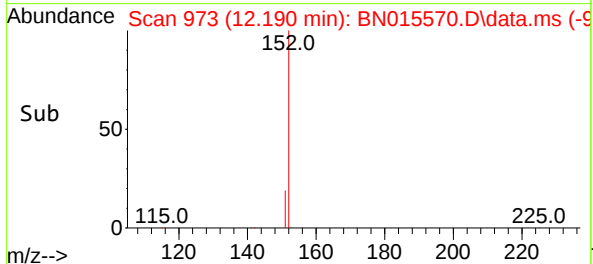
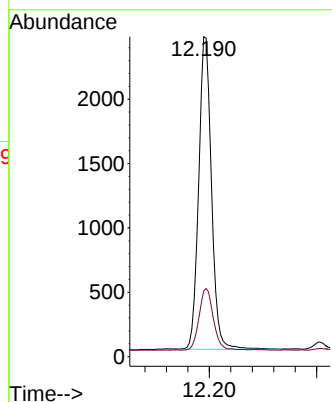
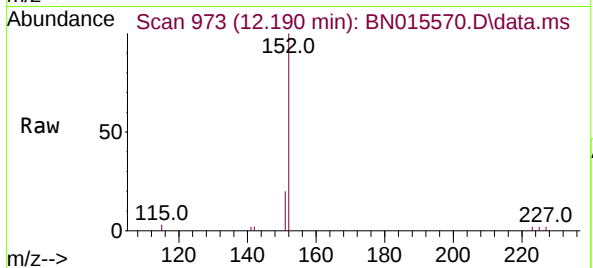




#11
2-Methylnaphthalene-d10
Concen: 0.03 ng
RT: 12.190 min Scan# 973
Delta R.T. 0.000 min
Lab File: BN015570.D
Acq: 14 Jul 2021 19:04

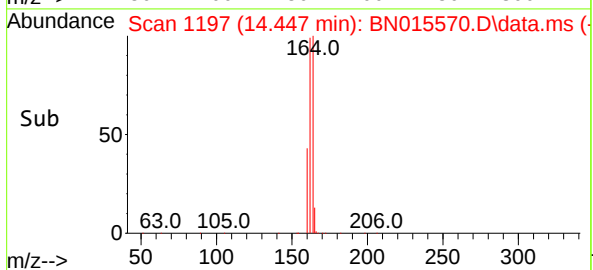
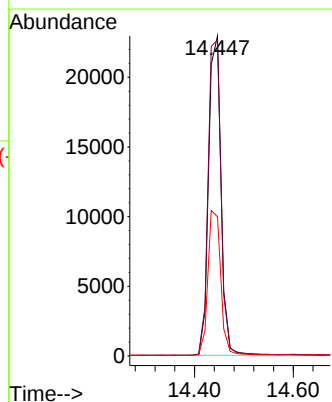
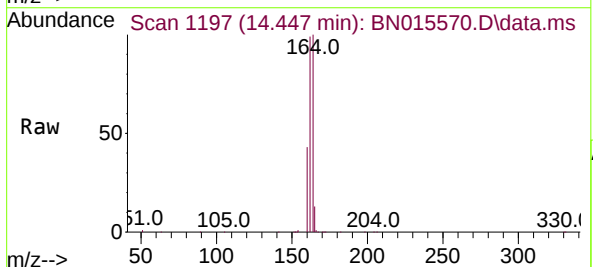
Instrument :
BNA_N
ClientSampleId :

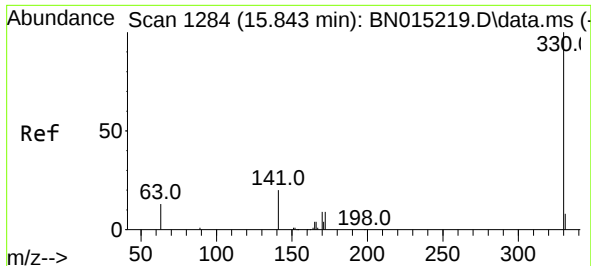
Tgt Ion:152 Resp: 4036
Ion Ratio Lower Upper
152 100
151 22.0 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.447 min Scan# 1197
Delta R.T. 0.013 min
Lab File: BN015570.D
Acq: 14 Jul 2021 19:04

Tgt Ion:164 Resp: 40273
Ion Ratio Lower Upper
164 100
162 98.8 83.8 125.6
160 43.5 37.4 56.0

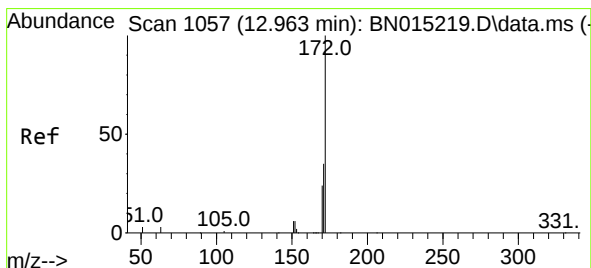
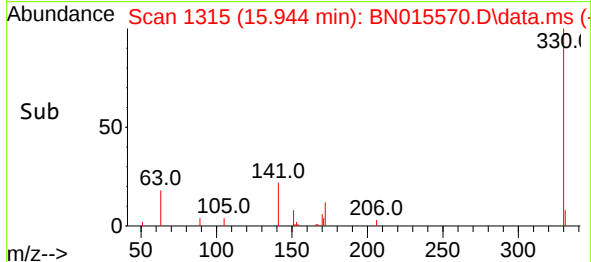
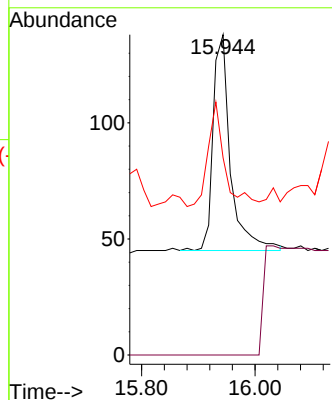
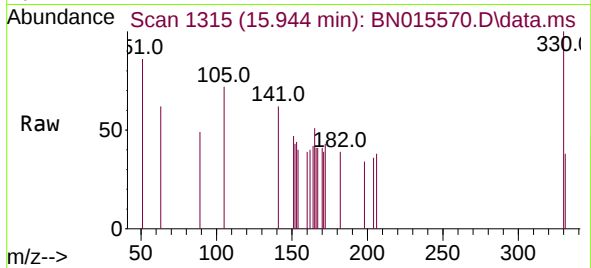




#14
2,4,6-Tribromophenol
Concen: 0.23 ng
RT: 15.944 min Scan# 1315
Delta R.T. 0.013 min
Lab File: BN015570.D
Acq: 14 Jul 2021 19:04

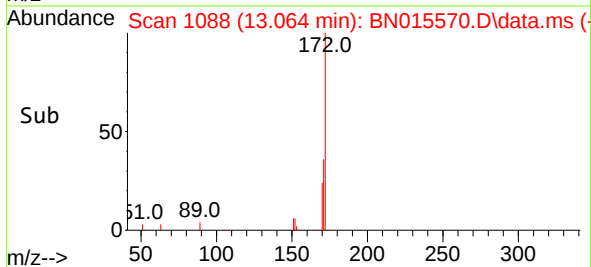
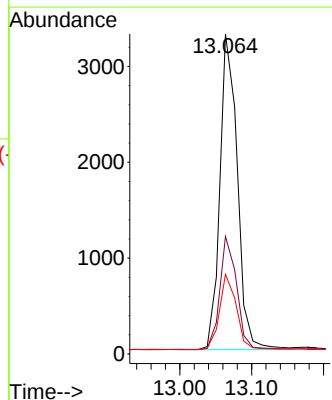
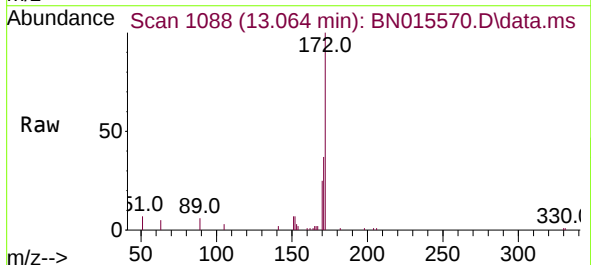
Instrument :
BNA_N
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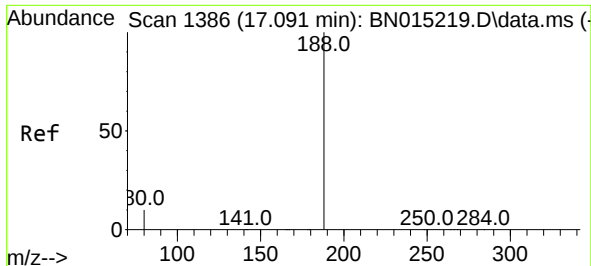
Tgt Ion:330 Resp: 198
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 46.0 22.4 33.6#



#15
2-Fluorobiphenyl
Concen: 0.03 ng
RT: 13.064 min Scan# 1088
Delta R.T. 0.000 min
Lab File: BN015570.D
Acq: 14 Jul 2021 19:04

Tgt Ion:172 Resp: 5536
Ion Ratio Lower Upper
172 100
171 36.8 30.6 45.8
170 24.9 20.2 30.4

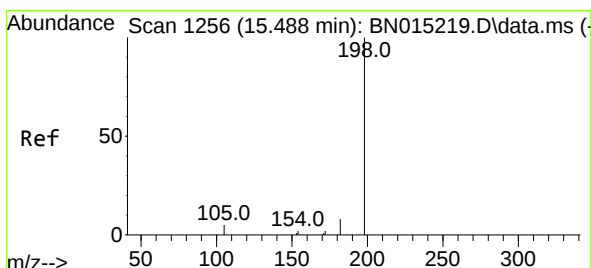
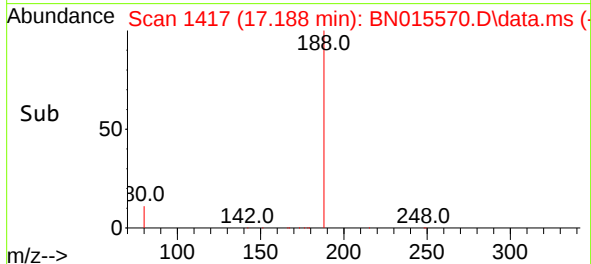
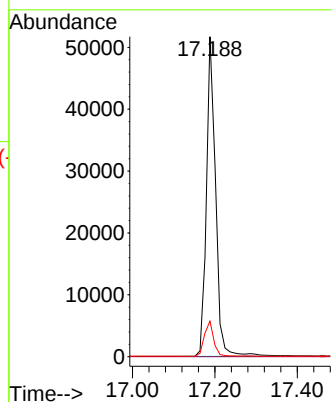
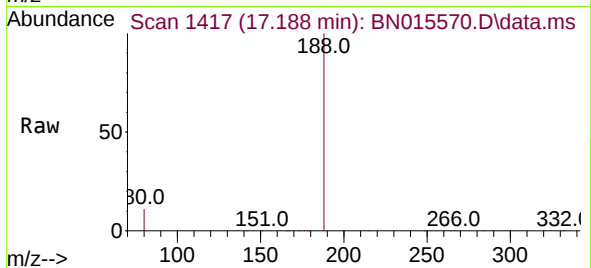




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.188 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BN015570.D
Acq: 14 Jul 2021 19:04

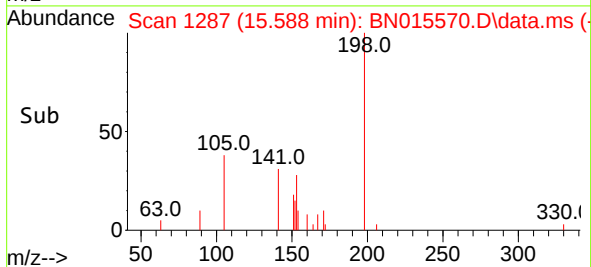
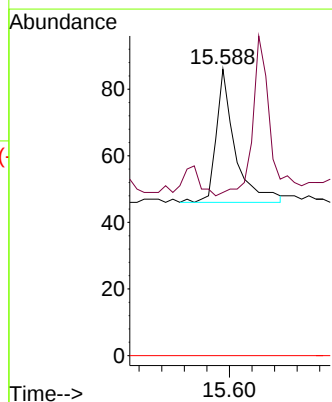
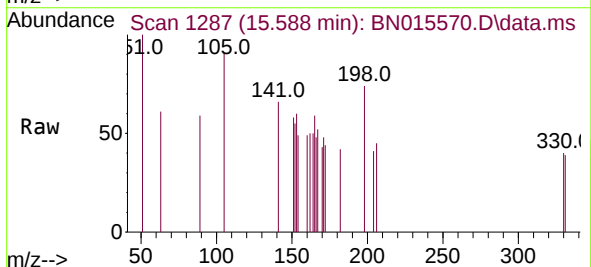
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BNA_N
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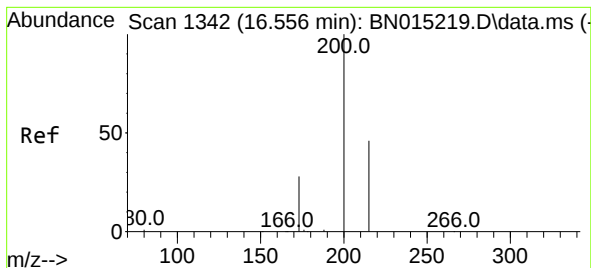
Tgt Ion:188 Resp: 79820
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.1 9.0 13.4



#20
4,6-Dinitro-2-methylphenol
Concen: 0.26 ng
RT: 15.588 min Scan# 1287
Delta R.T. 0.013 min
Lab File: BN015570.D
Acq: 14 Jul 2021 19:04

Tgt Ion:198 Resp: 93
Ion Ratio Lower Upper
198 100
182 57.0 34.5 51.7#
77 0.0 0.0 0.0





#23

Atrazine

Concen: 0.17 ng

RT: 16.640 min Scan# 1372

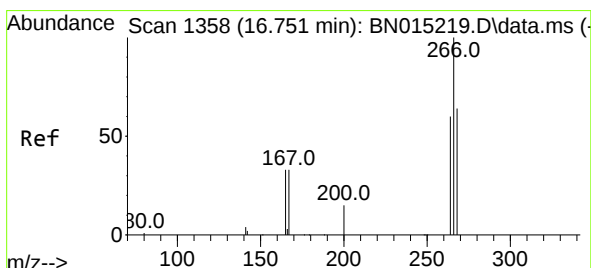
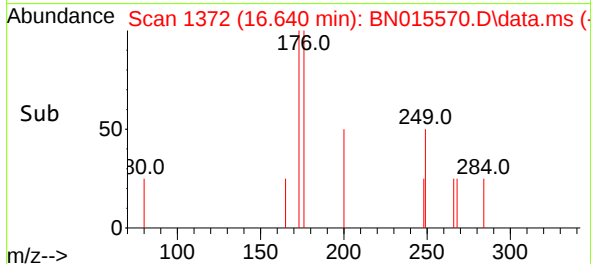
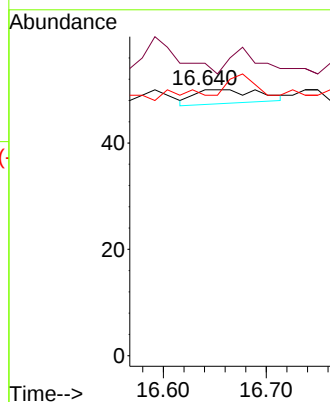
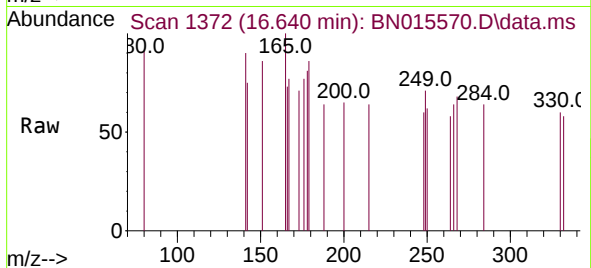
Delta R.T. -0.012 min

Lab File: BN015570.D

Acq: 14 Jul 2021 19:04

Tgt Ion:	200	Resp:	12
Ion Ratio	Lower	Upper	
200	100		
173	110.0	21.7	32.5#
215	98.0	43.1	64.7#

Instrument :
BNA_N
ClientSampleId :



#24

Pentachlorophenol

Concen: 0.30 ng

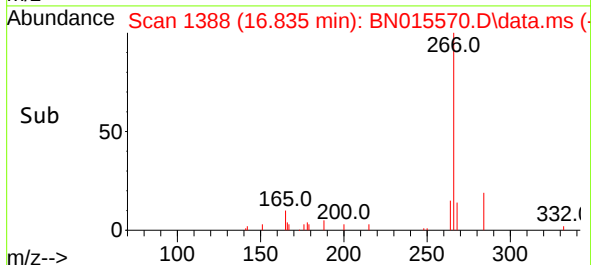
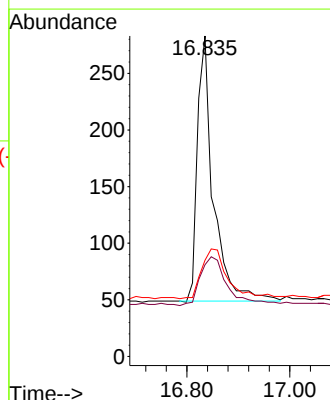
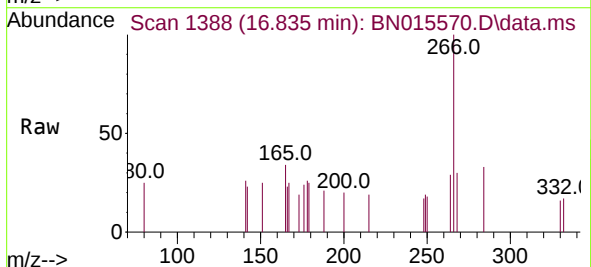
RT: 16.835 min Scan# 1388

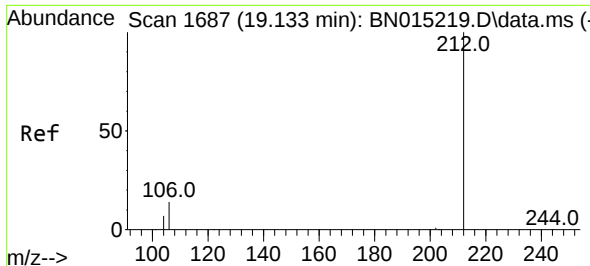
Delta R.T. -0.012 min

Lab File: BN015570.D

Acq: 14 Jul 2021 19:04

Tgt Ion:	266	Resp:	502
Ion Ratio	Lower	Upper	
266	100		
264	31.9	51.0	76.4#
268	31.1	50.6	76.0#

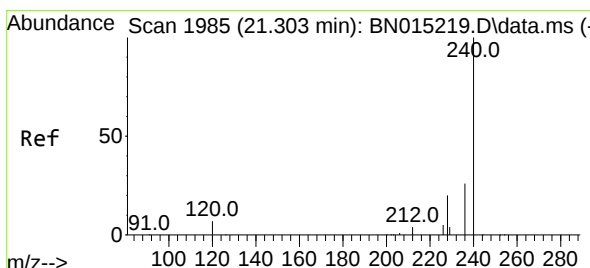
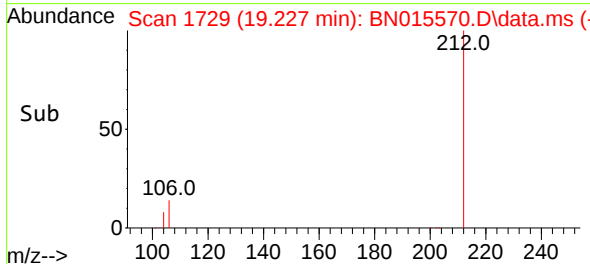
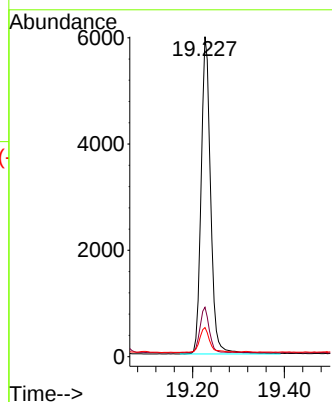
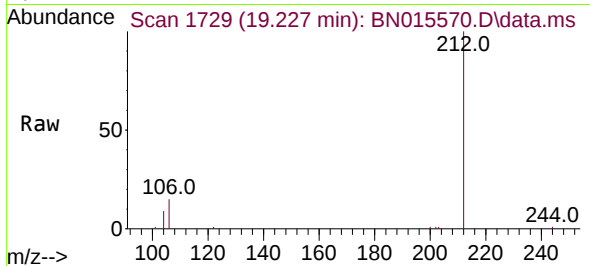




#27
Fluoranthene-d10
Concen: 0.04 ng
RT: 19.227 min Scan# 1729
Delta R.T. 0.000 min
Lab File: BN015570.D
Acq: 14 Jul 2021 19:04

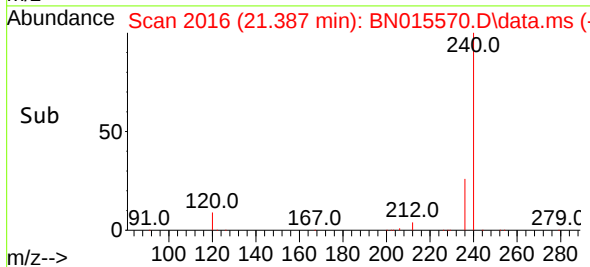
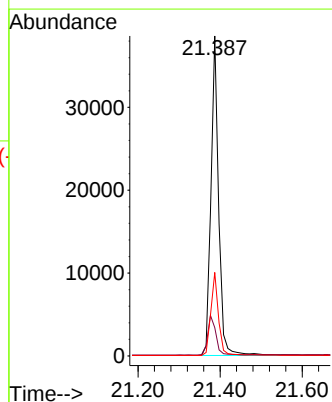
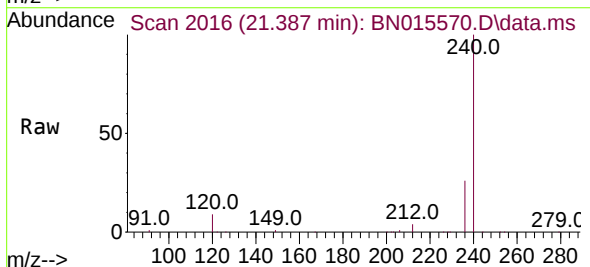
Instrument :
BNA_N
ClientSampled :

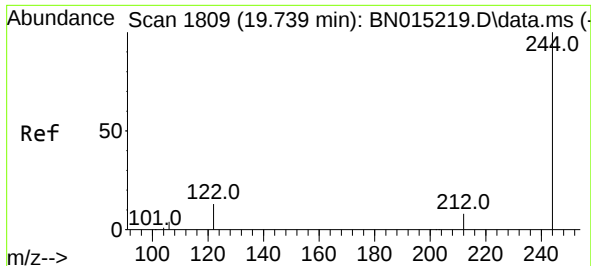
Tgt Ion:212 Resp: 8527
Ion Ratio Lower Upper
212 100
106 13.9 7.0 10.6#
104 8.3 4.1 6.1#



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.387 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BN015570.D
Acq: 14 Jul 2021 19:04

Tgt Ion:240 Resp: 50197
Ion Ratio Lower Upper
240 100
120 8.8 4.2 6.4#
236 26.1 21.4 32.2

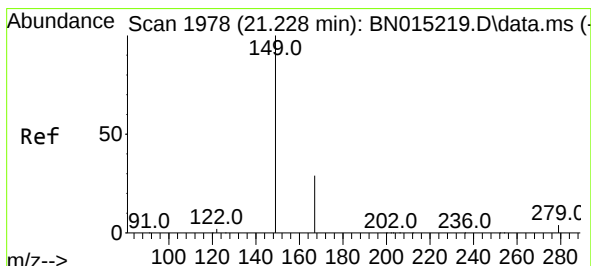
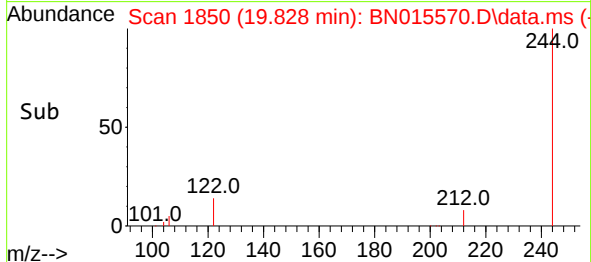
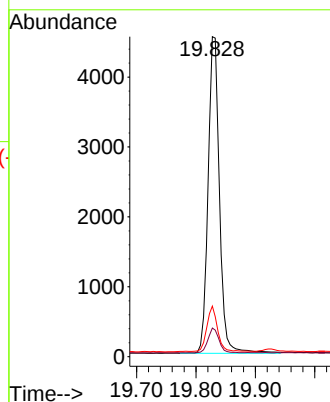
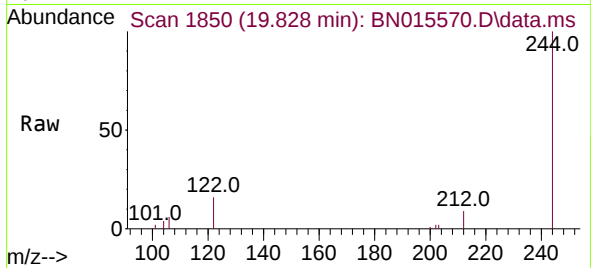




#31
Terphenyl-d14
Concen: 0.05 ng
RT: 19.828 min Scan# 1850
Delta R.T. 0.000 min
Lab File: BN015570.D
Acq: 14 Jul 2021 19:04

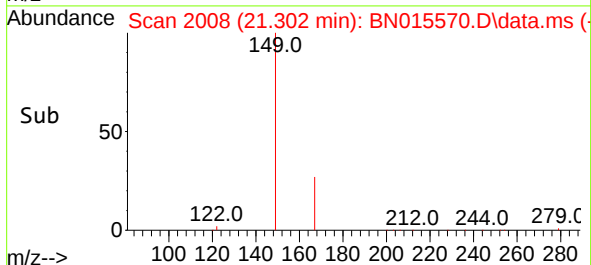
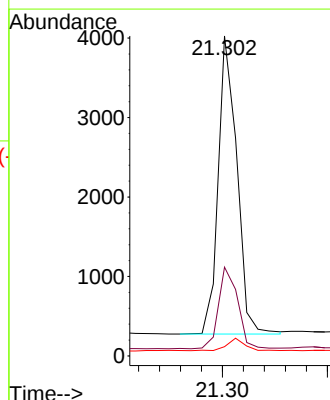
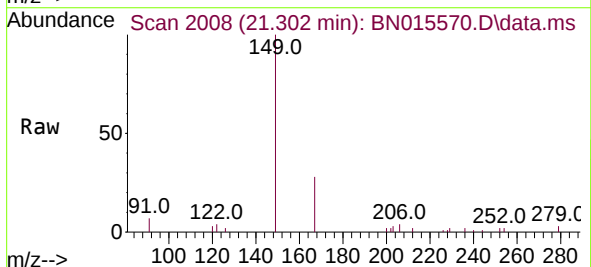
Instrument :
BNA_N
ClientSampled :

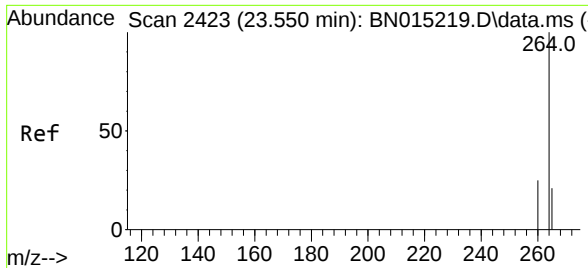
Tgt Ion:244 Resp: 6036
Ion Ratio Lower Upper
244 100
212 9.0 6.3 9.5
122 15.8 6.2 9.2#



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.22 ng
RT: 21.302 min Scan# 2008
Delta R.T. -0.010 min
Lab File: BN015570.D
Acq: 14 Jul 2021 19:04

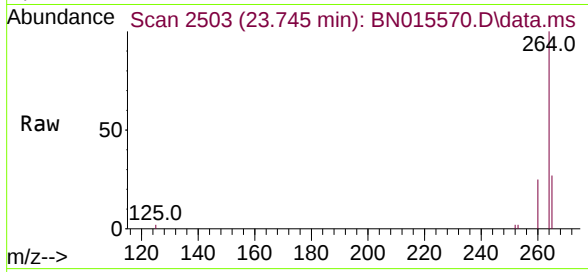
Tgt Ion:149 Resp: 4631
Ion Ratio Lower Upper
149 100
167 28.3 28.9 43.3#
279 3.8 4.9 7.3#





#35
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.745 min Scan# 2503
 Delta R.T. -0.003 min
 Lab File: BN015570.D
 Acq: 14 Jul 2021 19:04

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:264 Resp: 24678

Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.6	31.0
265	26.6	21.4	32.2

