

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083122\
 Data File : BN021491.D
 Acq On : 31 Aug 2022 15:20
 Operator : CG/JU
 Sample : N4298-05DL 2X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE120D1-20220822DL

Quant Time: Sep 01 03:19:36 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 29 16:30:43 2022
 Response via : Initial Calibration

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

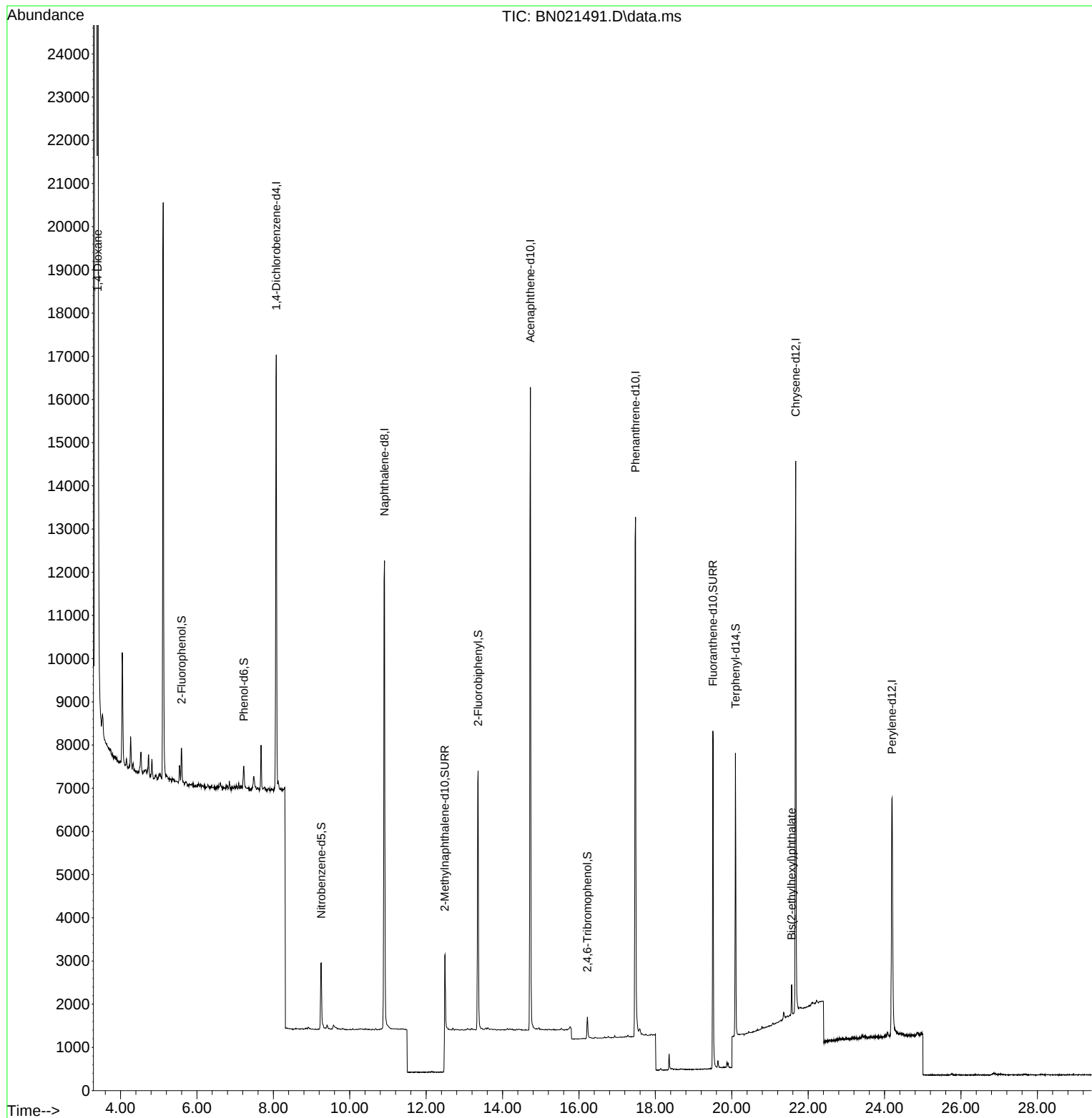
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.076	152	5087	0.400	ng	0.00
7) Naphthalene-d8	10.909	136	16046	0.400	ng	# 0.00
13) Acenaphthene-d10	14.729	164	8876	0.400	ng	0.00
19) Phenanthrene-d10	17.480	188	18524	0.400	ng	0.00
29) Chrysene-d12	21.673	240	12615	0.400	ng	0.00
35) Perylene-d12	24.194	264	9167	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.599	112	752	0.076	ng	0.00
5) Phenol-d6	7.224	99	565	0.045	ng	0.00
8) Nitrobenzene-d5	9.254	82	1606	0.148	ng	0.00
11) 2-Methylnaphthalene-d10	12.490	152	5985	0.165	ng	0.00
14) 2,4,6-Tribromophenol	16.219	330	342	0.117	ng	0.00
15) 2-Fluorobiphenyl	13.360	172	6052	0.156	ng	0.00
27) Fluoranthene-d10	19.506	212	8613	0.181	ng	0.00
31) Terphenyl-d14	20.097	244	5825	0.205	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.403	88	18367	2.887	ng	# 89
34) Bis(2-ethylhexyl)phtha...	21.566	149	709	0.040	ng	# 97

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

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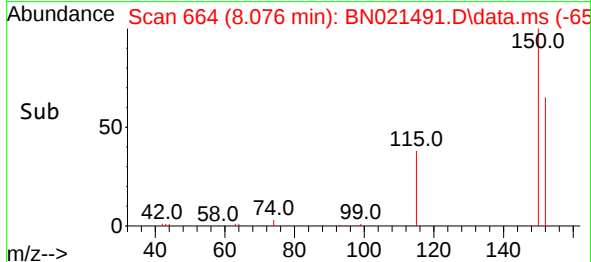
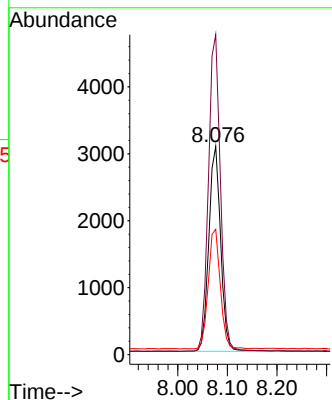
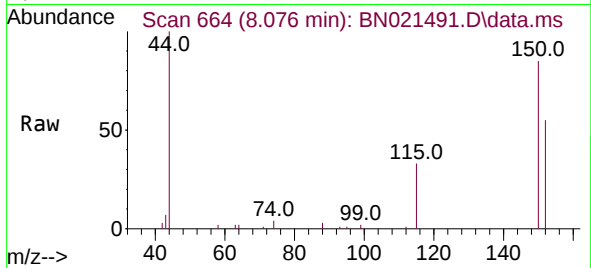




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.076 min Scan# 60
 Delta R.T. -0.007 min
 Lab File: BN021491.D
 Acq: 31 Aug 2022 15:20

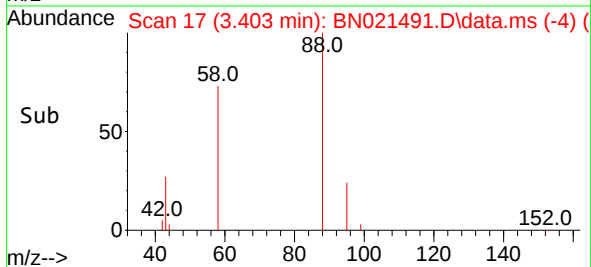
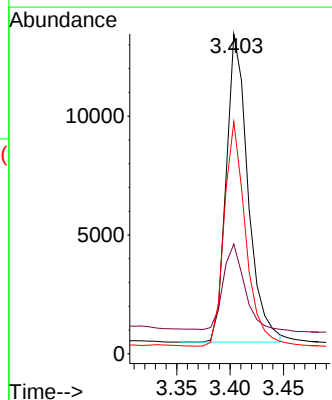
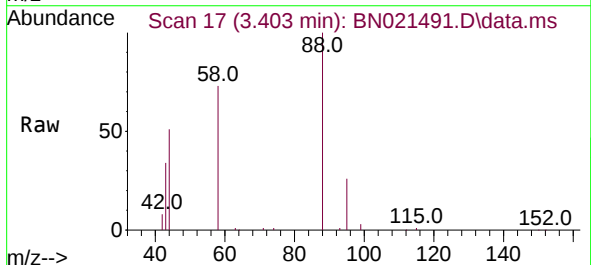
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 RE120D1-20220822DL

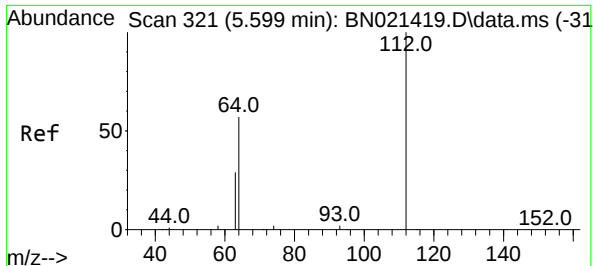
Tgt Ion:152 Resp: 5087
 Ion Ratio Lower Upper
 152 100
 150 153.7 121.4 182.0
 115 60.2 48.6 72.8



#2
 1,4-Dioxane
 Concen: 2.887 ng
 RT: 3.403 min Scan# 17
 Delta R.T. -0.007 min
 Lab File: BN021491.D
 Acq: 31 Aug 2022 15:20

Tgt Ion: 88 Resp: 18367
 Ion Ratio Lower Upper
 88 100
 43 26.8 35.8 53.8#
 58 71.6 57.1 85.7

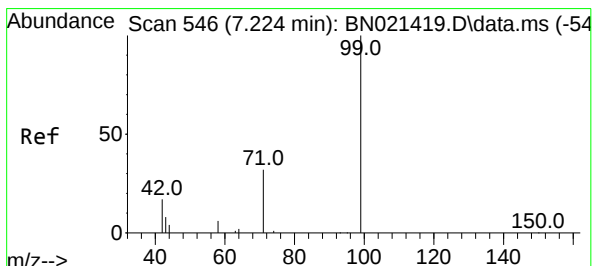
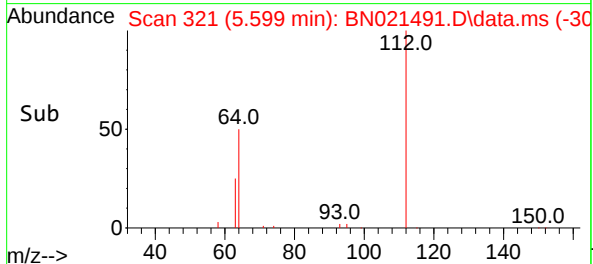
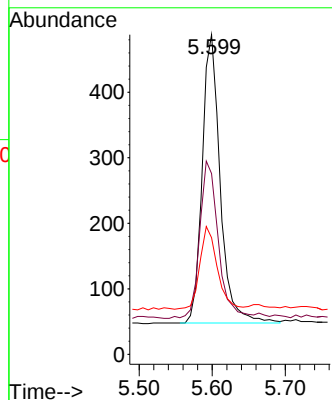
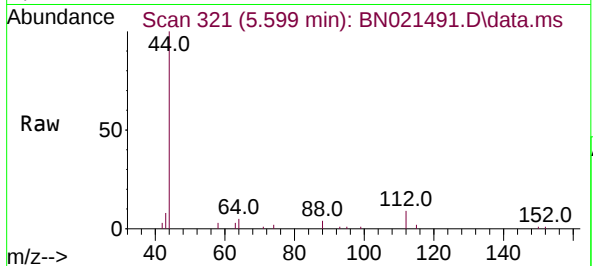




#4
2-Fluorophenol
Concen: 0.076 ng
RT: 5.599 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN021491.D
Acq: 31 Aug 2022 15:20

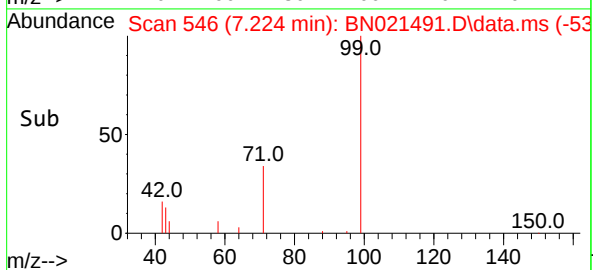
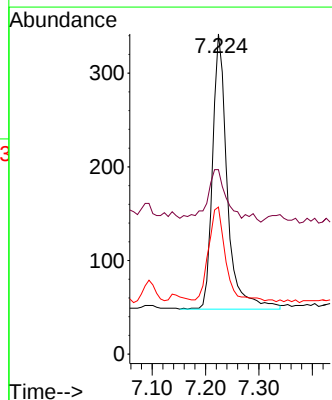
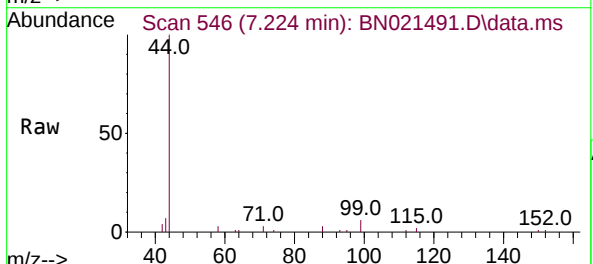
Instrument :
BNA_N
ClientSampleId :
RE120D1-20220822DL

Tgt Ion:112 Resp: 752
Ion Ratio Lower Upper
112 100
64 56.4 43.5 65.3
63 27.7 22.6 34.0



#5
Phenol-d6
Concen: 0.045 ng
RT: 7.224 min Scan# 546
Delta R.T. 0.000 min
Lab File: BN021491.D
Acq: 31 Aug 2022 15:20

Tgt Ion: 99 Resp: 565
Ion Ratio Lower Upper
99 100
42 20.7 15.5 23.3
71 40.2 24.2 36.2#

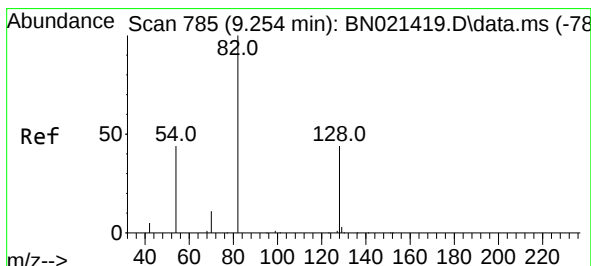
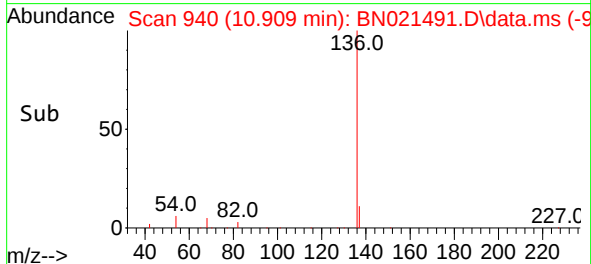
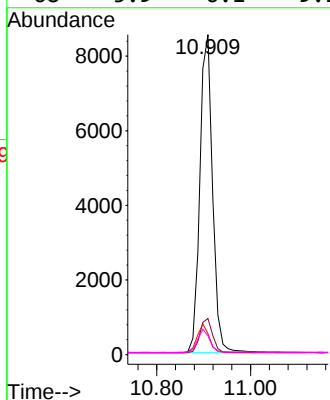
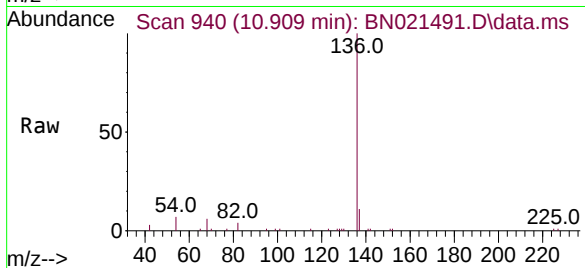




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.909 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN021491.D
Acq: 31 Aug 2022 15:20

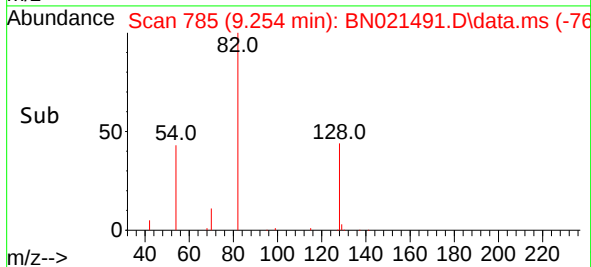
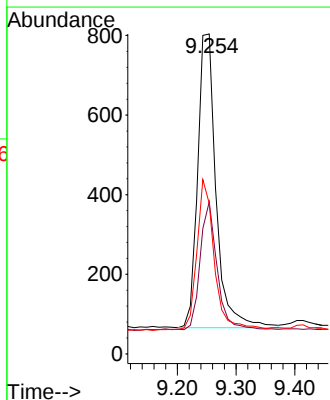
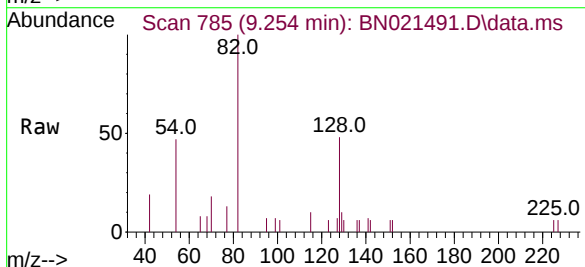
Instrument :
BNA_N
ClientSampleId :
RE120D1-20220822DL

Tgt Ion:	136	Resp:	16046
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.3	13.9
54	6.5	6.9	10.3#
68	5.9	6.1	9.1#



#8
Nitrobenzene-d5
Concen: 0.148 ng
RT: 9.254 min Scan# 785
Delta R.T. 0.000 min
Lab File: BN021491.D
Acq: 31 Aug 2022 15:20

Tgt Ion:	82	Resp:	1606
Ion Ratio	Lower	Upper	
82	100		
128	47.5	30.9	46.3#
54	47.0	42.7	64.1

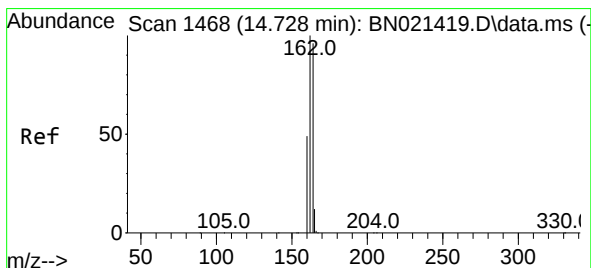
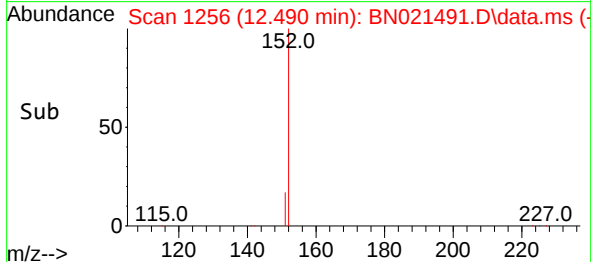
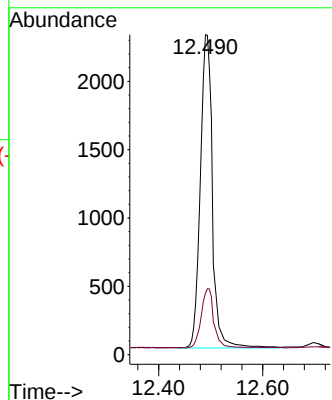
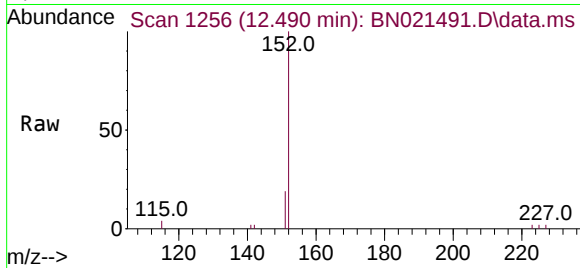




#11
2-Methylnaphthalene-d10
Concen: 0.165 ng
RT: 12.490 min Scan# 11
Delta R.T. -0.007 min
Lab File: BN021491.D
Acq: 31 Aug 2022 15:20

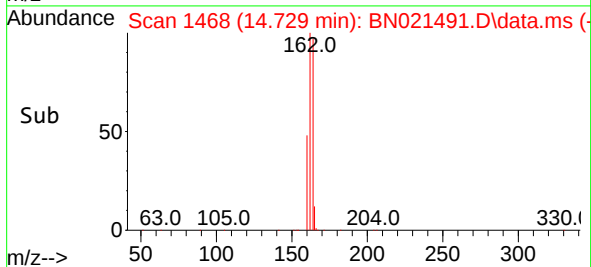
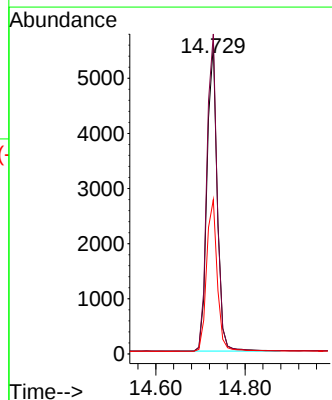
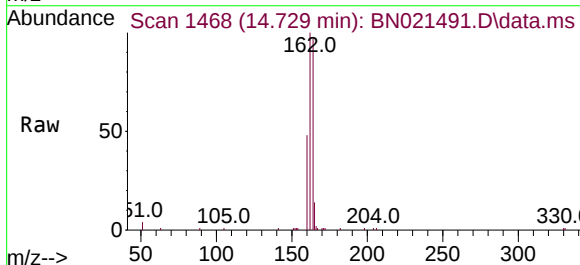
Instrument :
BNA_N
ClientSampleId :
RE120D1-20220822DL

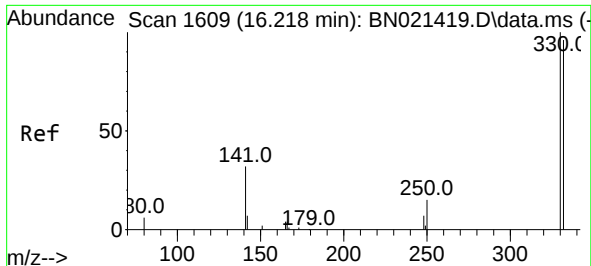
Tgt Ion:152 Resp: 5985
Ion Ratio Lower Upper
152 100
151 20.6 14.5 21.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.729 min Scan# 1468
Delta R.T. 0.001 min
Lab File: BN021491.D
Acq: 31 Aug 2022 15:20

Tgt Ion:164 Resp: 8876
Ion Ratio Lower Upper
164 100
162 103.5 82.2 123.4
160 49.9 39.5 59.3

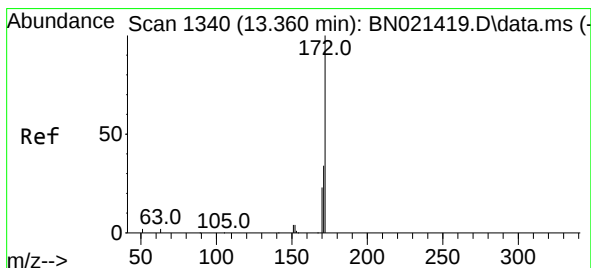
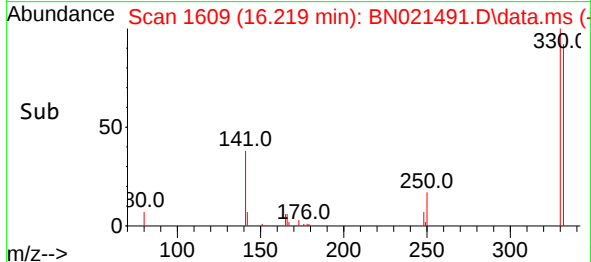
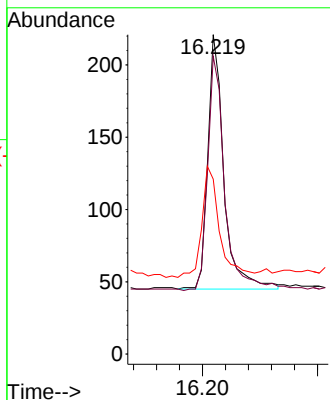
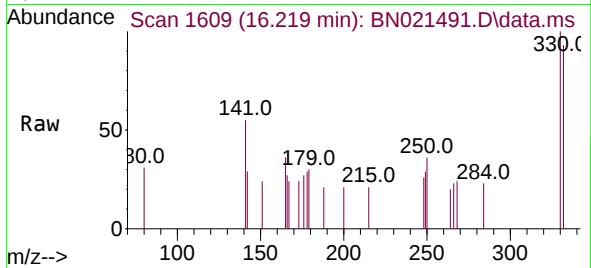




#14
2,4,6-Tribromophenol
Concen: 0.117 ng
RT: 16.219 min Scan# 1609
Delta R.T. 0.001 min
Lab File: BN021491.D
Acq: 31 Aug 2022 15:20

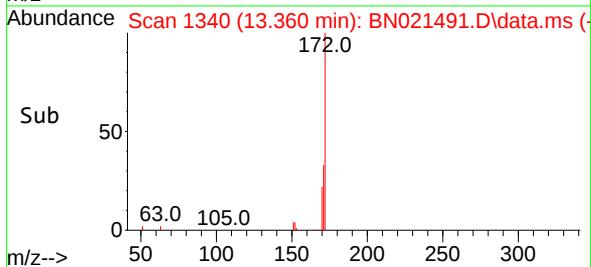
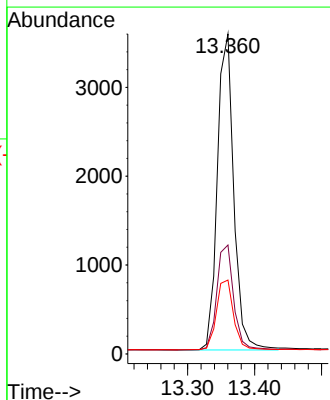
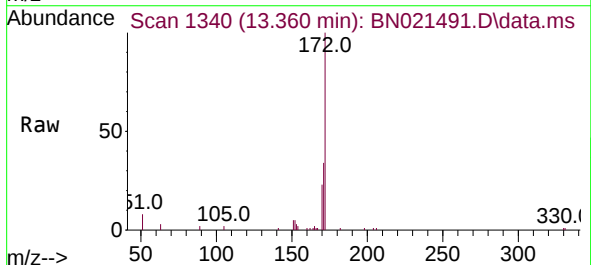
Instrument :
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ClientSampleId :
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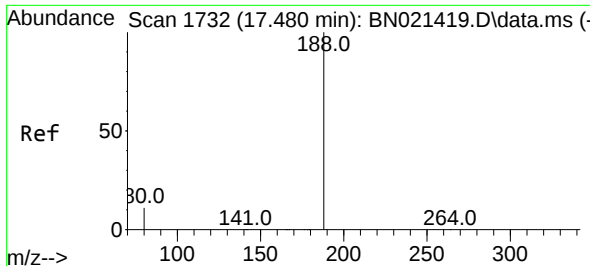
Tgt Ion:	330	Resp:	342
Ion Ratio	Lower	Upper	
330	100		
332	97.7	79.3	118.9
141	48.0	37.1	55.7



#15
2-Fluorobiphenyl
Concen: 0.156 ng
RT: 13.360 min Scan# 1340
Delta R.T. 0.000 min
Lab File: BN021491.D
Acq: 31 Aug 2022 15:20

Tgt Ion:	172	Resp:	6052
Ion Ratio	Lower	Upper	
172	100		
171	34.0	27.8	41.6
170	23.1	18.6	28.0

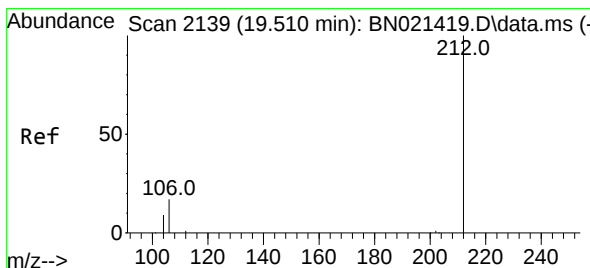
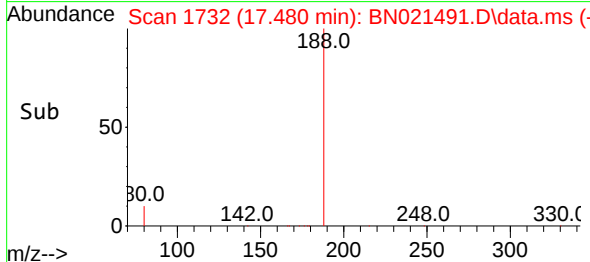
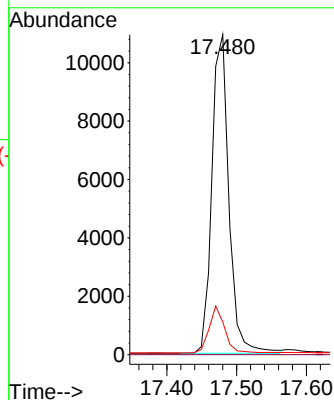
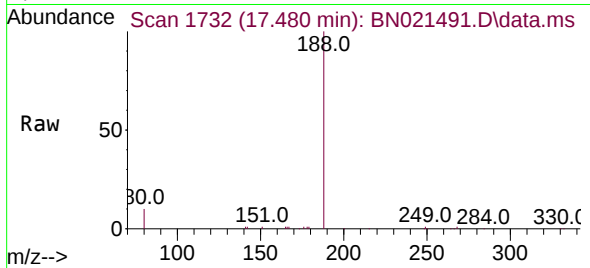




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.480 min Scan# 1732
Delta R.T. 0.000 min
Lab File: BN021491.D
Acq: 31 Aug 2022 15:20

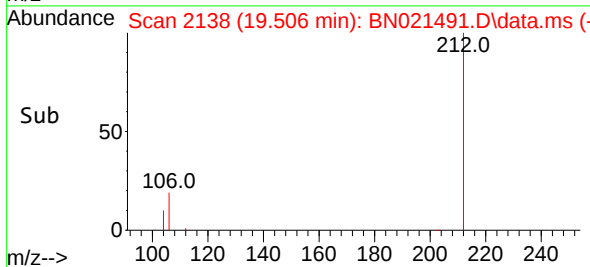
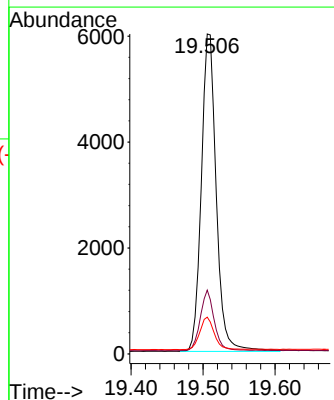
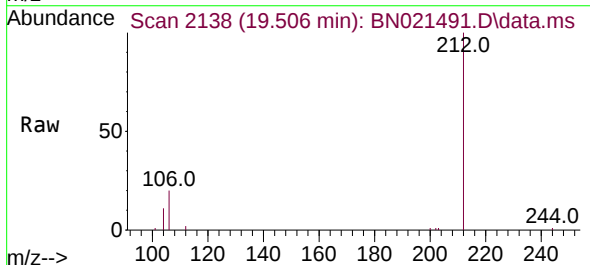
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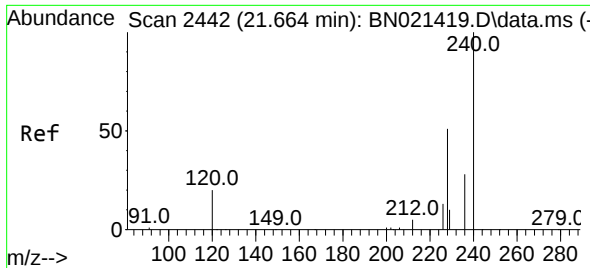
Tgt Ion:188 Resp: 18524
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.2 9.5 14.3



#27
Fluoranthene-d10
Concen: 0.181 ng
RT: 19.506 min Scan# 2138
Delta R.T. -0.004 min
Lab File: BN021491.D
Acq: 31 Aug 2022 15:20

Tgt Ion:212 Resp: 8613
Ion Ratio Lower Upper
212 100
106 17.8 14.2 21.2
104 10.0 7.8 11.6

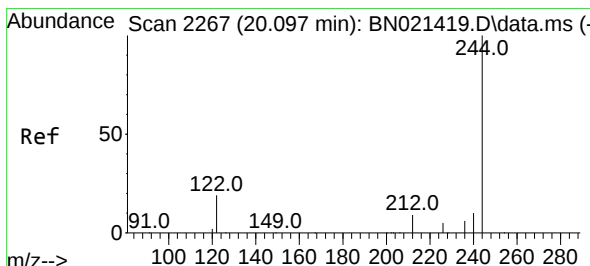
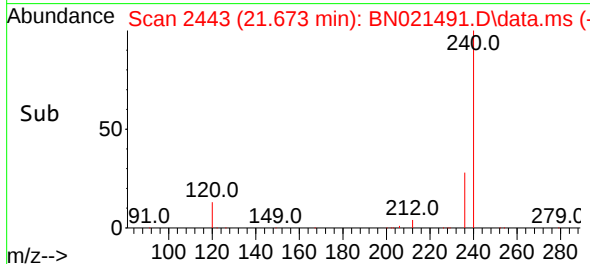
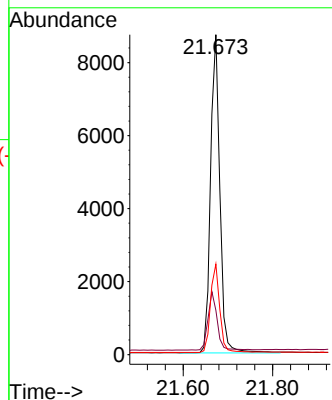
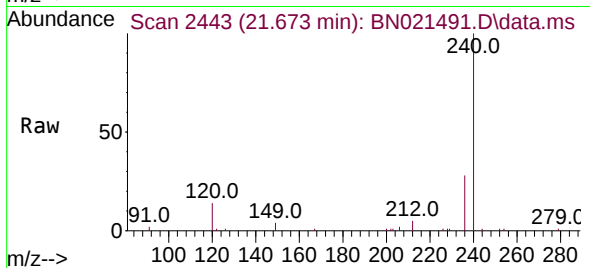




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.673 min Scan# 2443
Delta R.T. 0.009 min
Lab File: BN021491.D
Acq: 31 Aug 2022 15:20

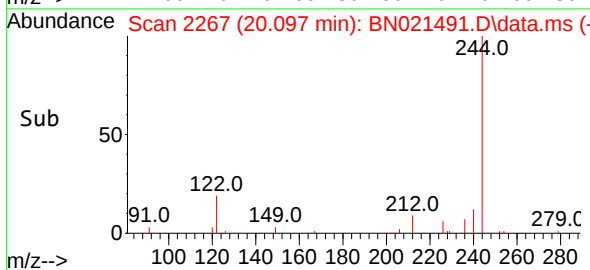
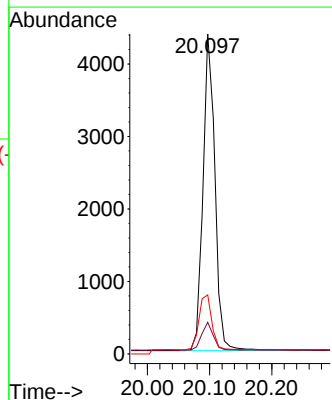
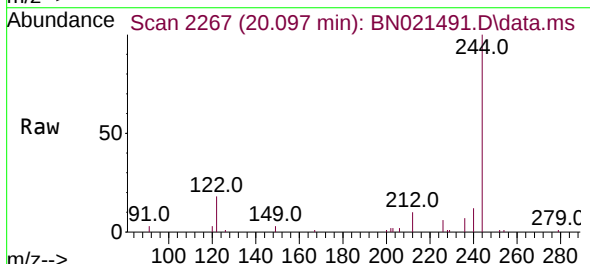
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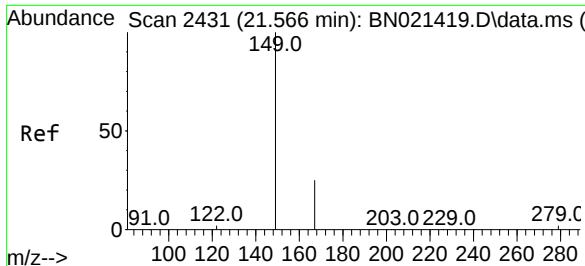
Tgt Ion:240 Resp: 12615
Ion Ratio Lower Upper
240 100
120 13.8 10.2 15.4
236 28.3 22.1 33.1



#31
Terphenyl-d14
Concen: 0.205 ng
RT: 20.097 min Scan# 2267
Delta R.T. 0.000 min
Lab File: BN021491.D
Acq: 31 Aug 2022 15:20

Tgt Ion:244 Resp: 5825
Ion Ratio Lower Upper
244 100
212 9.9 6.5 9.7#
122 18.5 9.1 13.7#

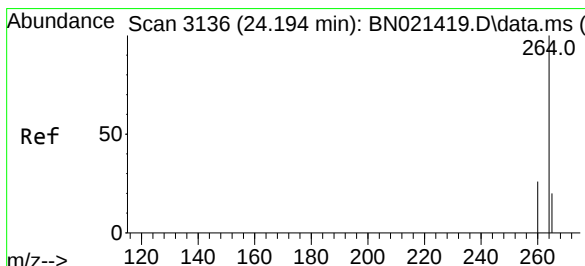
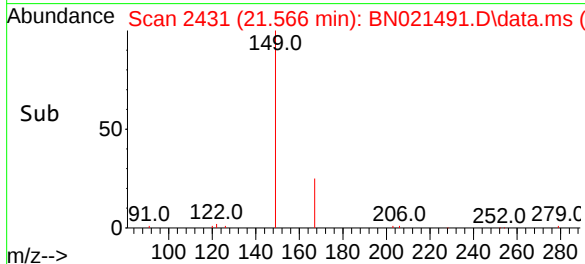
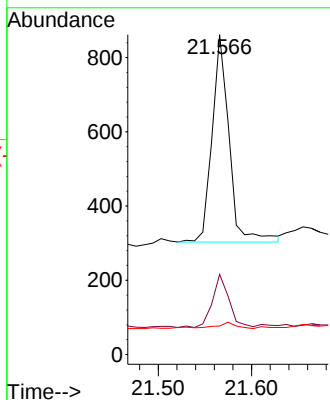
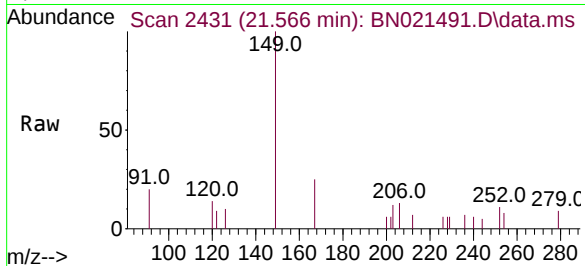




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.040 ng
 RT: 21.566 min Scan# 2431
 Delta R.T. 0.000 min
 Lab File: BN021491.D
 Acq: 31 Aug 2022 15:20

Instrument :
 BNA_N
 ClientSampleId :
 RE120D1-20220822DL

Tgt Ion:149 Resp: 709
 Ion Ratio Lower Upper
 149 100
 167 24.8 21.4 32.0
 279 3.2 2.2 3.2#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.194 min Scan# 3136
 Delta R.T. 0.000 min
 Lab File: BN021491.D
 Acq: 31 Aug 2022 15:20

Tgt Ion:264 Resp: 9167
 Ion Ratio Lower Upper
 264 100
 260 27.1 21.0 31.6
 265 35.5 32.2 48.2

