

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081622\
 Data File : BN021256.D
 Acq On : 16 Aug 2022 14:13
 Operator : CG/JU
 Sample : N4169-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE133D1-20220809

Quant Time: Aug 16 16:48:41 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN081622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 16 09:19:59 2022
 Response via : Initial Calibration

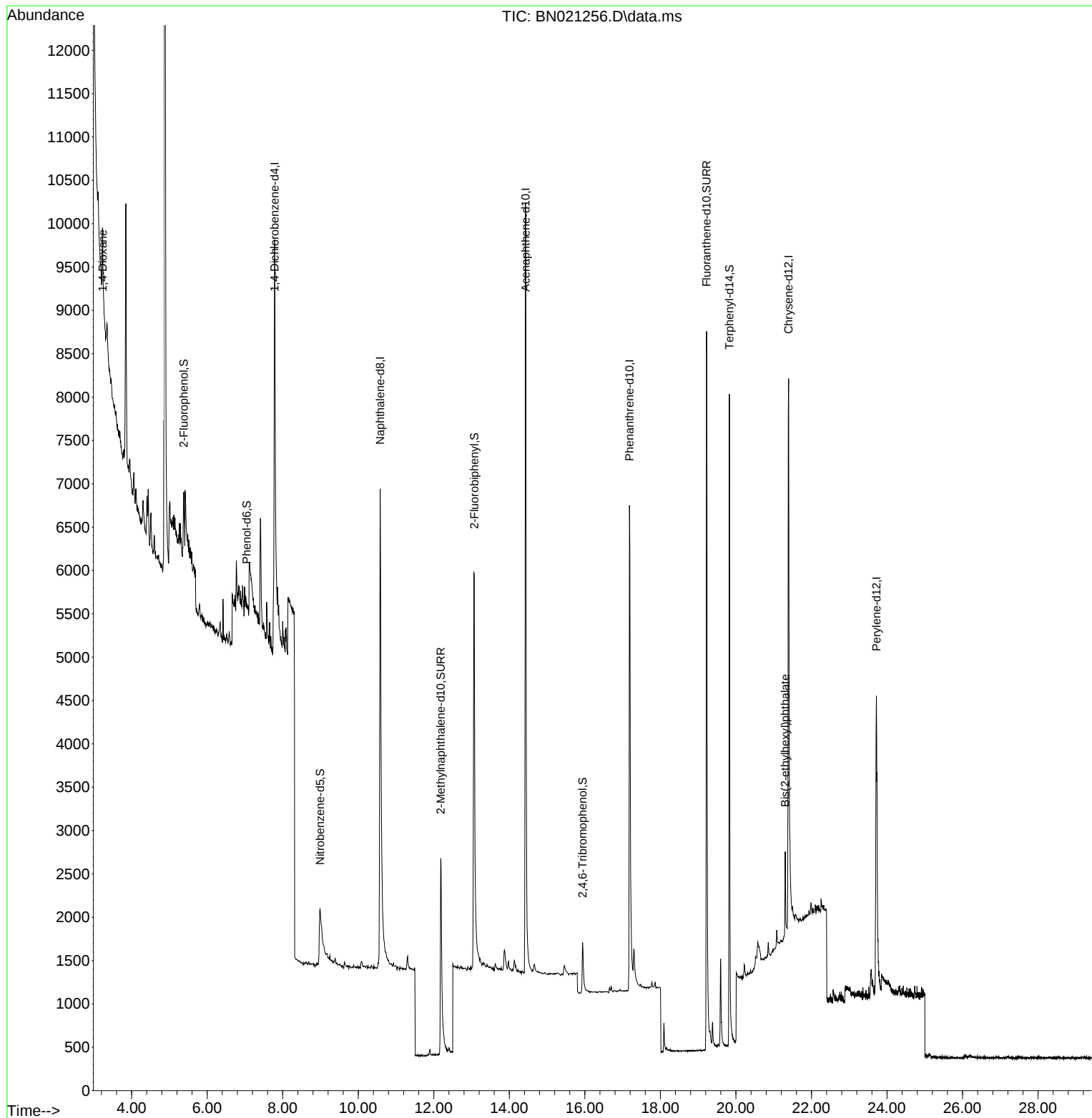
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.783	152	3510	0.400	ng	0.00
7) Naphthalene-d8	10.581	136	11373	0.400	ng	# 0.00
13) Acenaphthene-d10	14.429	164	6155	0.400	ng	0.00
19) Phenanthrene-d10	17.182	188	10742	0.400	ng	0.00
29) Chrysene-d12	21.395	240	8947	0.400	ng	# 0.00
35) Perylene-d12	23.720	264	6330	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.378	112	989	0.113	ng	0.00
5) Phenol-d6	7.047	99	349	0.034	ng	0.06
8) Nitrobenzene-d5	8.990	82	1561	0.278	ng	0.03
11) 2-Methylnaphthalene-d10	12.187	152	5461	0.276	ng	0.00
14) 2,4,6-Tribromophenol	15.941	330	444	0.221	ng	0.00
15) 2-Fluorobiphenyl	13.071	172	6240	0.255	ng	0.01
27) Fluoranthene-d10	19.223	212	11548	0.396	ng	0.00
31) Terphenyl-d14	19.825	244	9117	0.374	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.233	88	505	0.103	ng	# 59
34) Bis(2-ethylhexyl)phtha...	21.305	149	1027	0.052	ng	95

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

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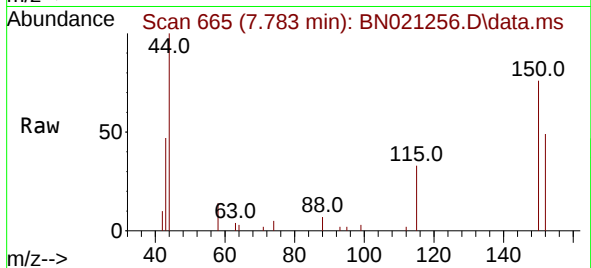
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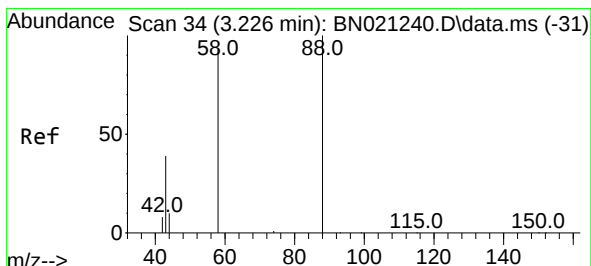
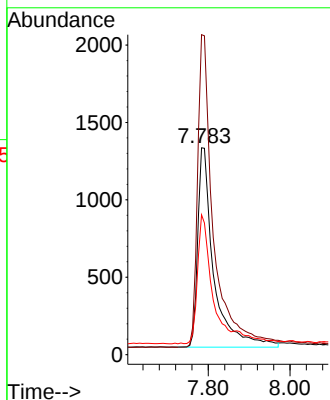
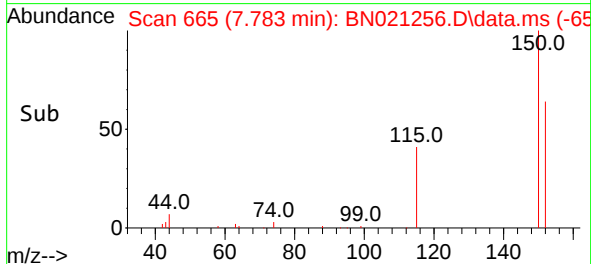


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.783 min Scan# 6
 Delta R.T. 0.000 min
 Lab File: BN021256.D
 Acq: 16 Aug 2022 14:13

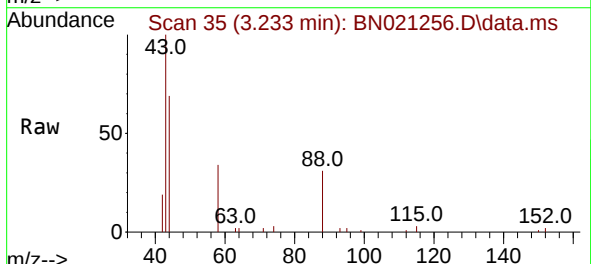
Instrument :
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 ClientSampleId :
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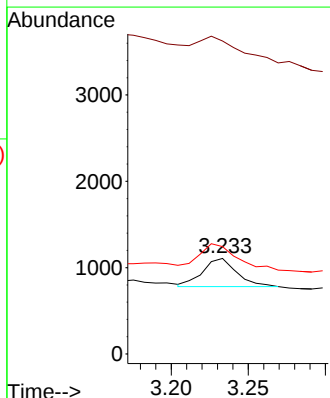
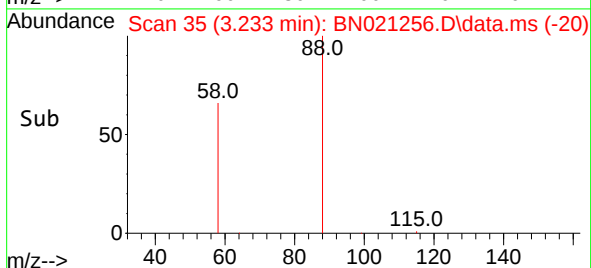
Tgt Ion:152 Resp: 3510
 Ion Ratio Lower Upper
 152 100
 150 154.7 123.1 184.7
 115 67.6 52.2 78.4

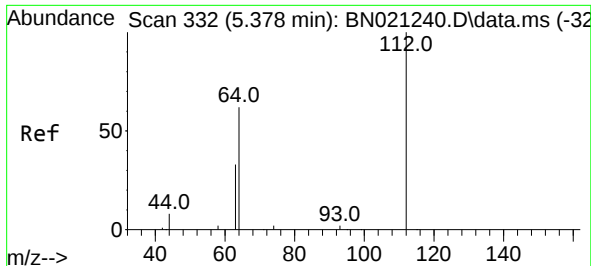


#2
 1,4-Dioxane
 Concen: 0.103 ng
 RT: 3.233 min Scan# 35
 Delta R.T. 0.007 min
 Lab File: BN021256.D
 Acq: 16 Aug 2022 14:13



Tgt Ion: 88 Resp: 505
 Ion Ratio Lower Upper
 88 100
 43 108.9 28.6 42.8#
 58 101.4 74.5 111.7

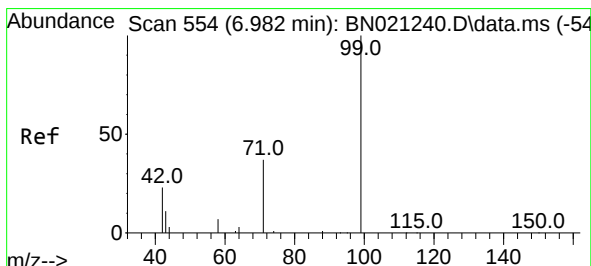
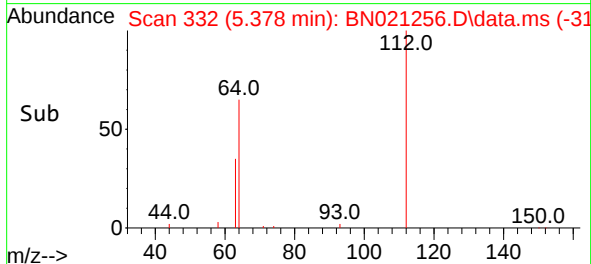
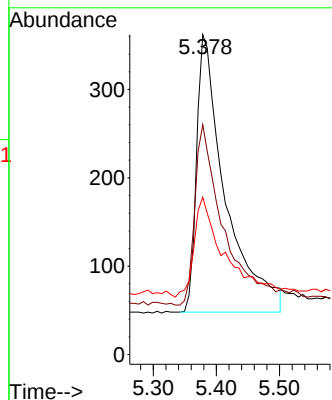
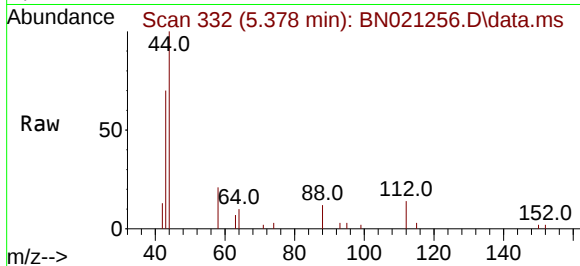




#4
2-Fluorophenol
Concen: 0.113 ng
RT: 5.378 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN021256.D
Acq: 16 Aug 2022 14:13

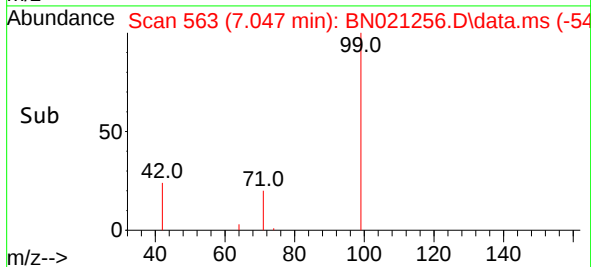
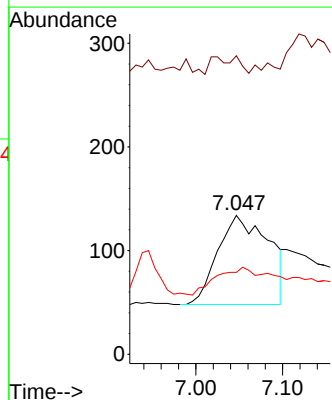
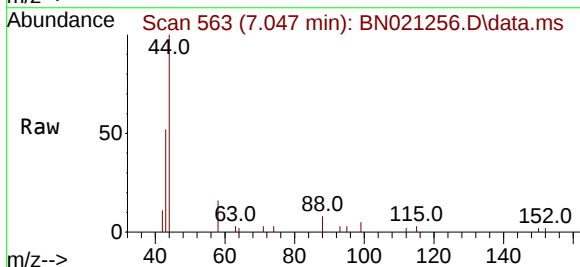
Instrument :
BNA_N
ClientSampleId :
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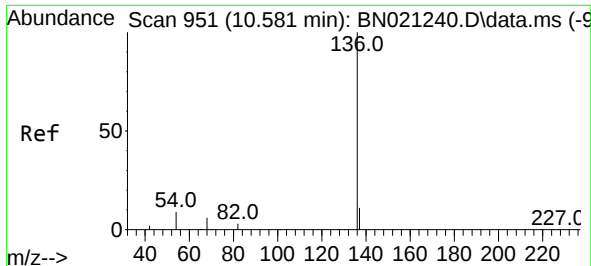
Tgt Ion:112 Resp: 989
Ion Ratio Lower Upper
112 100
64 65.0 52.0 78.0
63 38.7 27.5 41.3



#5
Phenol-d6
Concen: 0.034 ng
RT: 7.047 min Scan# 563
Delta R.T. 0.065 min
Lab File: BN021256.D
Acq: 16 Aug 2022 14:13

Tgt Ion: 99 Resp: 349
Ion Ratio Lower Upper
99 100
42 10.3 19.1 28.7#
71 32.4 28.9 43.3

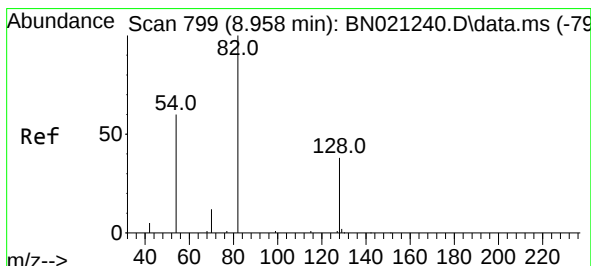
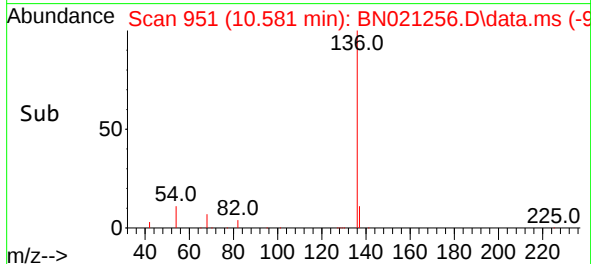
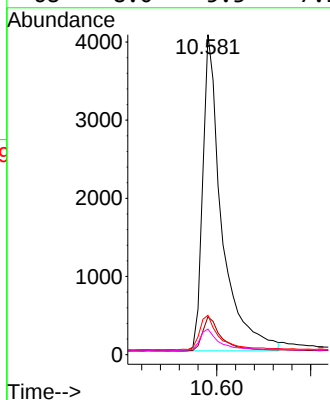
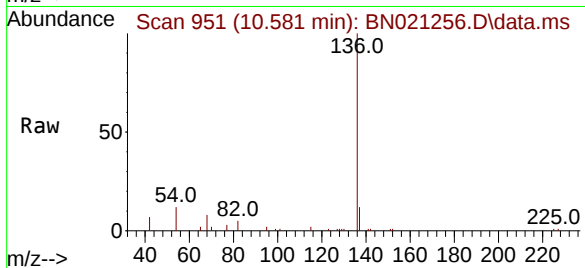




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.581 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN021256.D
Acq: 16 Aug 2022 14:13

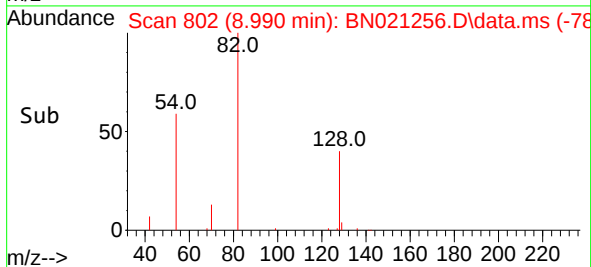
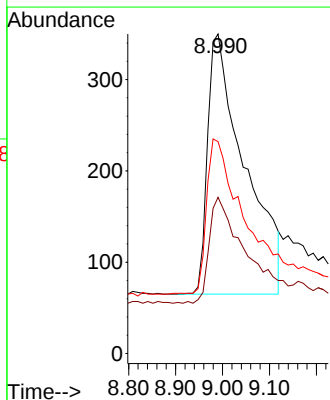
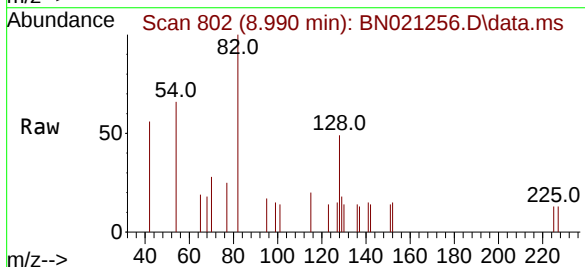
Instrument :
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ClientSampleId :
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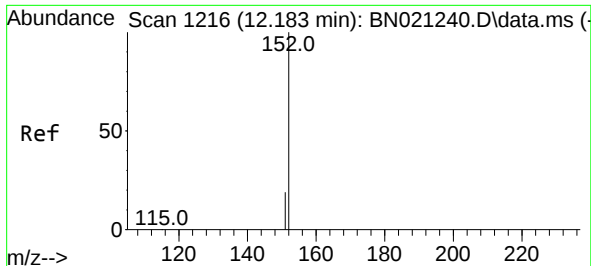
Tgt Ion:	136	Resp:	11373
Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.6	14.4
54	12.3	8.2	12.2#
68	8.0	5.3	7.9#



#8
Nitrobenzene-d5
Concen: 0.278 ng
RT: 8.990 min Scan# 802
Delta R.T. 0.032 min
Lab File: BN021256.D
Acq: 16 Aug 2022 14:13

Tgt Ion:	82	Resp:	1561
Ion	Ratio	Lower	Upper
82	100		
128	48.9	33.6	50.4
54	66.3	50.2	75.2

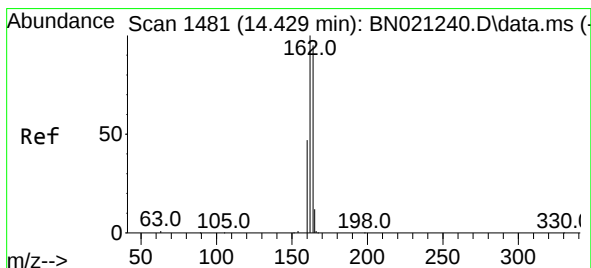
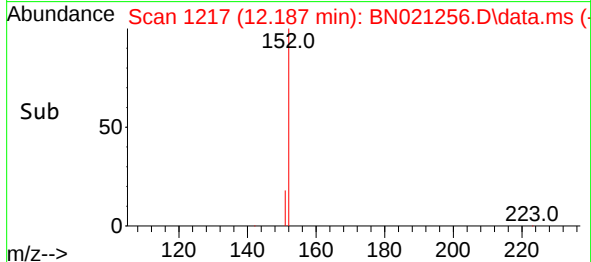
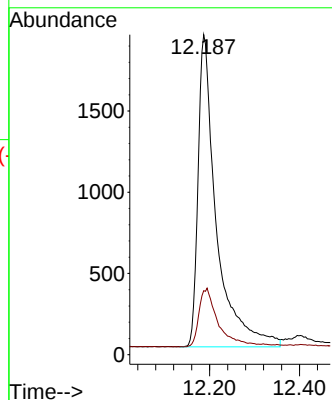
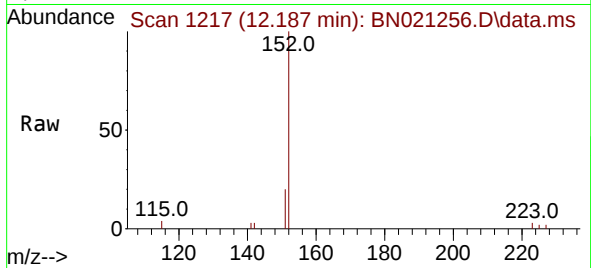




#11
2-Methylnaphthalene-d10
Concen: 0.276 ng
RT: 12.187 min Scan# 11
Delta R.T. 0.004 min
Lab File: BN021256.D
Acq: 16 Aug 2022 14:13

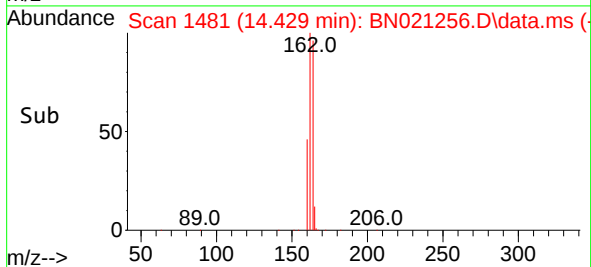
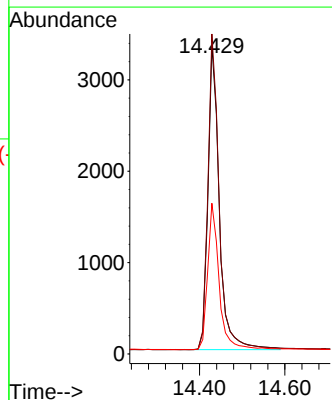
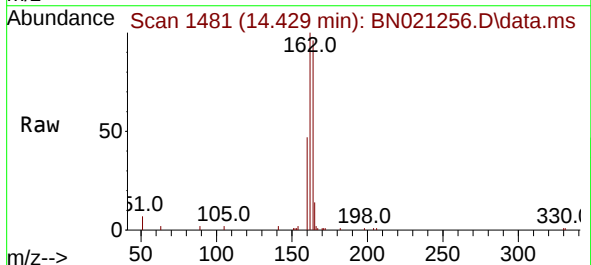
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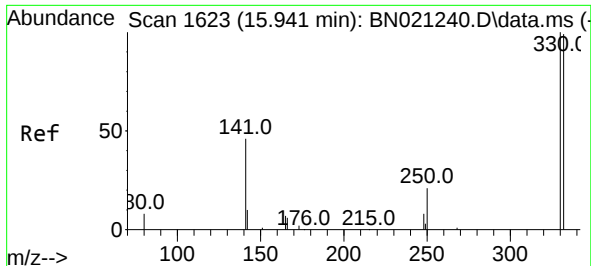
Tgt Ion:152 Resp: 5461
Ion Ratio Lower Upper
152 100
151 19.8 15.8 23.8



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.429 min Scan# 1481
Delta R.T. -0.000 min
Lab File: BN021256.D
Acq: 16 Aug 2022 14:13

Tgt Ion:164 Resp: 6155
Ion Ratio Lower Upper
164 100
162 103.7 83.8 125.6
160 48.8 39.8 59.6

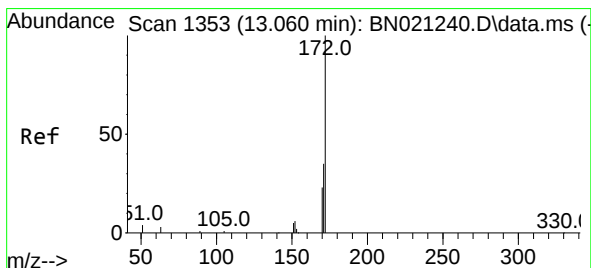
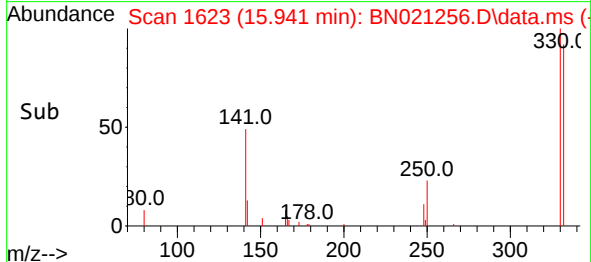
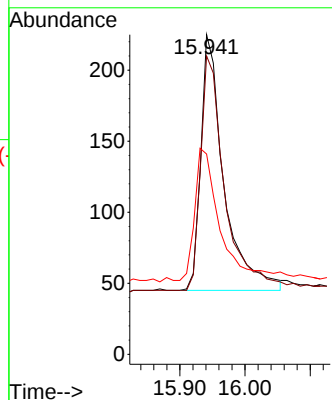
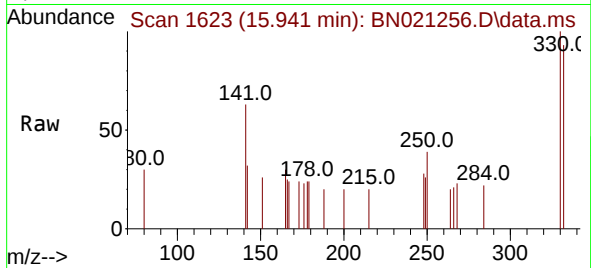




#14
2,4,6-Tribromophenol
Concen: 0.221 ng
RT: 15.941 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021256.D
Acq: 16 Aug 2022 14:13

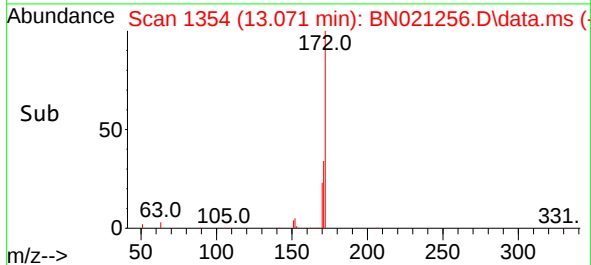
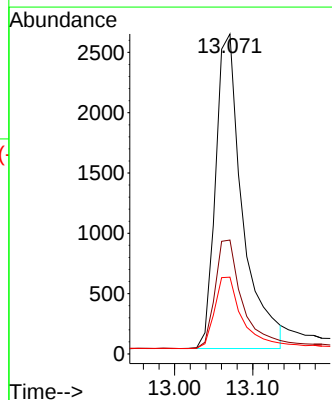
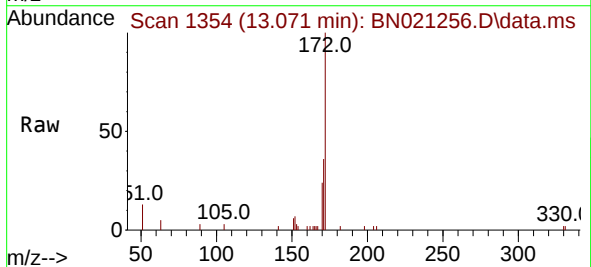
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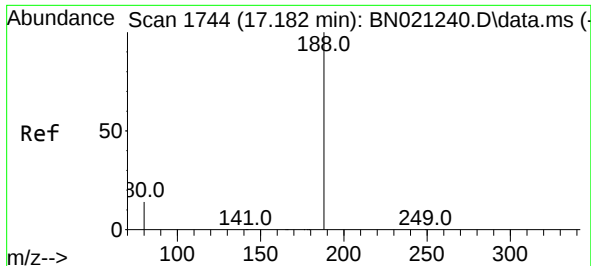
Tgt Ion:330 Resp: 444
Ion Ratio Lower Upper
330 100
332 95.5 78.1 117.1
141 58.1 45.4 68.0



#15
2-Fluorobiphenyl
Concen: 0.255 ng
RT: 13.071 min Scan# 1354
Delta R.T. 0.011 min
Lab File: BN021256.D
Acq: 16 Aug 2022 14:13

Tgt Ion:172 Resp: 6240
Ion Ratio Lower Upper
172 100
171 35.6 28.4 42.6
170 24.0 19.0 28.6

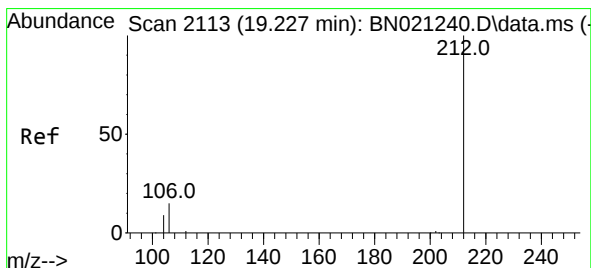
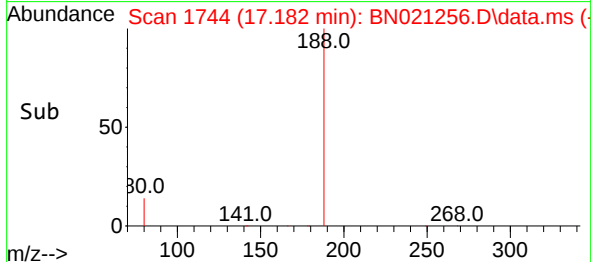
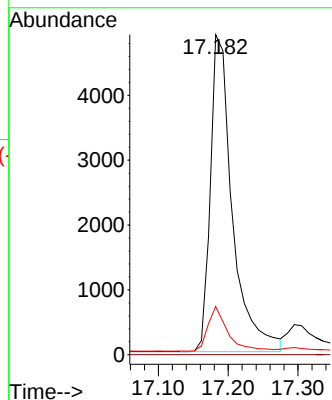
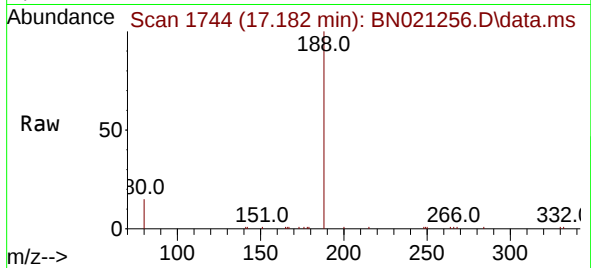




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.182 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN021256.D
Acq: 16 Aug 2022 14:13

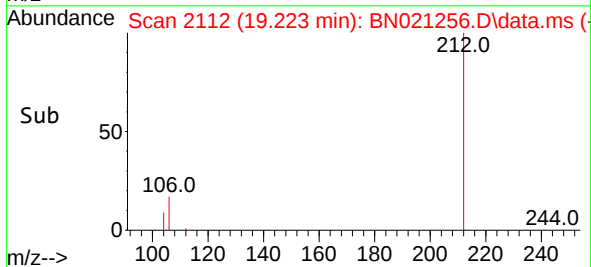
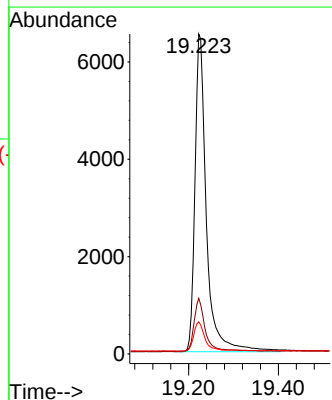
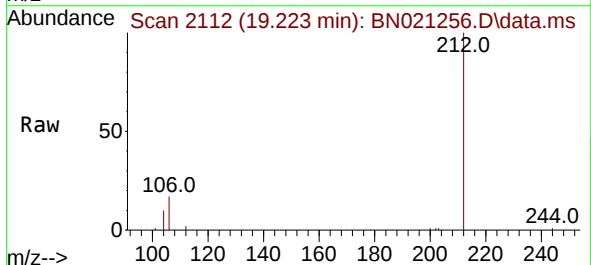
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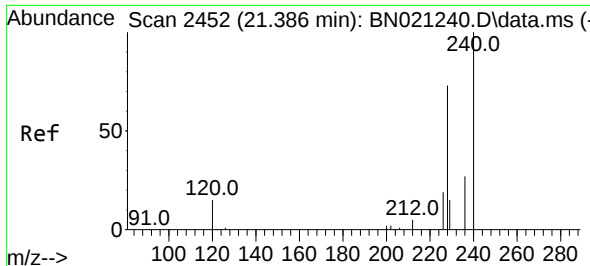
Tgt Ion:188 Resp: 10742
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.1 11.8 17.6



#27
Fluoranthene-d10
Concen: 0.396 ng
RT: 19.223 min Scan# 2112
Delta R.T. -0.004 min
Lab File: BN021256.D
Acq: 16 Aug 2022 14:13

Tgt Ion:212 Resp: 11548
Ion Ratio Lower Upper
212 100
106 15.9 12.6 18.8
104 8.9 7.2 10.8

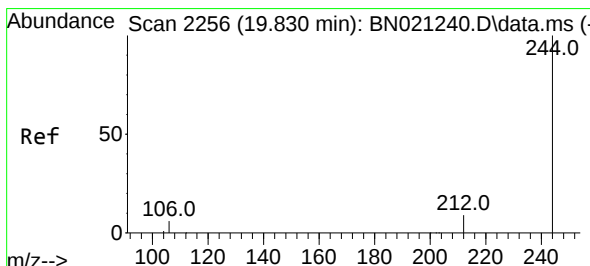
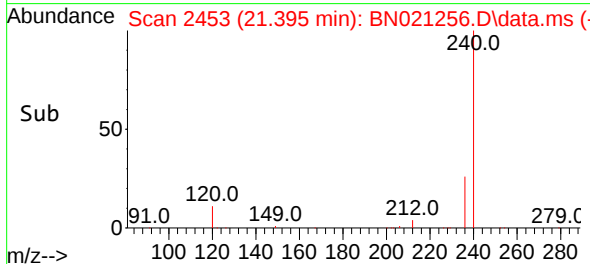
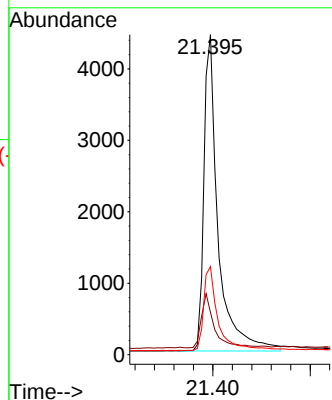
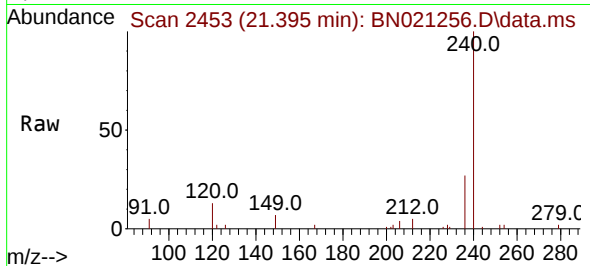




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.395 min Scan# 2452
Delta R.T. 0.009 min
Lab File: BN021256.D
Acq: 16 Aug 2022 14:13

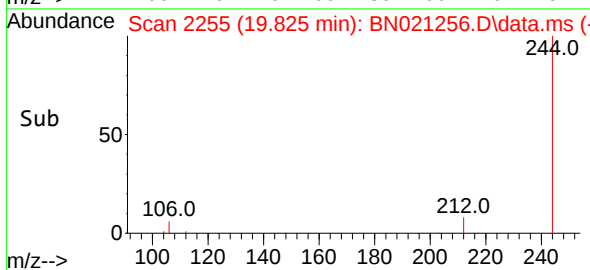
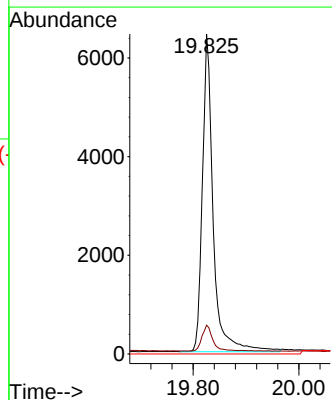
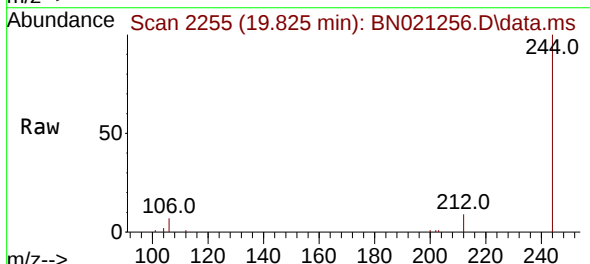
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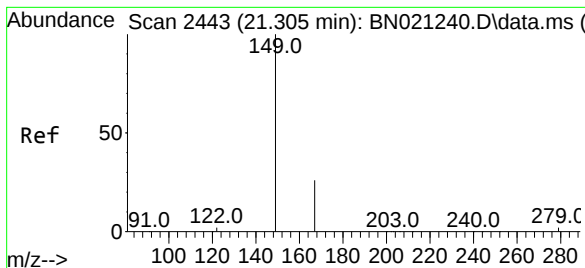
Tgt Ion:240 Resp: 8947
Ion Ratio Lower Upper
240 100
120 13.3 13.4 20.2#
236 27.5 22.6 33.8



#31
Terphenyl-d14
Concen: 0.374 ng
RT: 19.825 min Scan# 2255
Delta R.T. -0.004 min
Lab File: BN021256.D
Acq: 16 Aug 2022 14:13

Tgt Ion:244 Resp: 9117
Ion Ratio Lower Upper
244 100
212 9.0 8.3 12.5
122 0.0 0.0 0.0

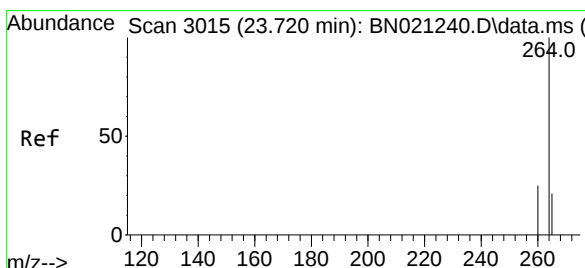
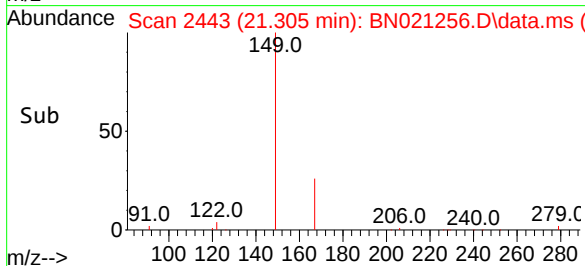
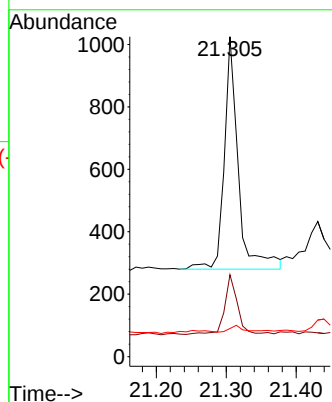
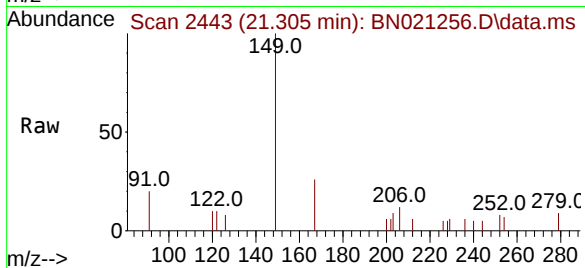




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.052 ng
 RT: 21.305 min Scan# 2443
 Delta R.T. -0.000 min
 Lab File: BN021256.D
 Acq: 16 Aug 2022 14:13

Instrument :
 BNA_N
 ClientSampleId :
 RE133D1-20220809

Tgt Ion:149 Resp: 1027
 Ion Ratio Lower Upper
 149 100
 167 23.3 20.6 31.0
 279 2.8 2.4 3.6



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.720 min Scan# 3015
 Delta R.T. -0.000 min
 Lab File: BN021256.D
 Acq: 16 Aug 2022 14:13

Tgt Ion:264 Resp: 6330
 Ion Ratio Lower Upper
 264 100
 260 27.2 21.4 32.2
 265 39.4 34.3 51.5

