

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092524\
 Data File : BN034238.D
 Acq On : 25 Sep 2024 23:11
 Operator : RC/JU
 Sample : P4164-12
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE139D1-20240920

Quant Time: Sep 26 04:31:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 26 03:57:12 2024
 Response via : Initial Calibration

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

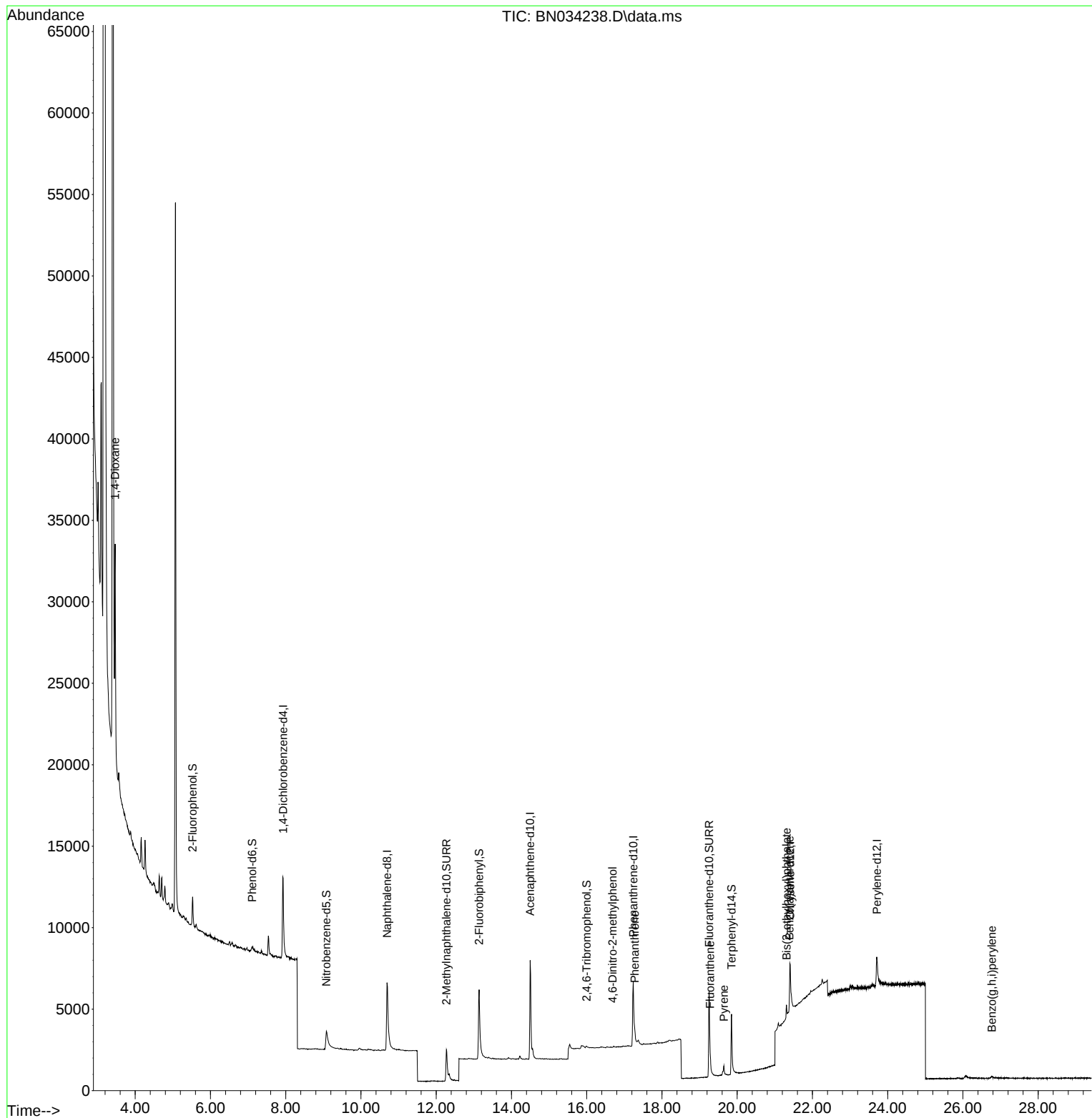
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.929	152	3564	0.400	ng	-0.04
7) Naphthalene-d8	10.693	136	9394	0.400	ng	#-0.05
13) Acenaphthene-d10	14.496	164	4892	0.400	ng	-0.05
19) Phenanthrene-d10	17.237	188	8963	0.400	ng	#-0.04
29) Chrysene-d12	21.409	240	5038	0.400	ng	#-0.03
35) Perylene-d12	23.713	264	3823	0.400	ng	#-0.05
System Monitoring Compounds						
4) 2-Fluorophenol	5.524	112	1649	0.163	ng	-0.05
5) Phenol-d6	7.106	99	609	0.052	ng	-0.04
8) Nitrobenzene-d5	9.080	82	2240	0.312	ng	-0.04
11) 2-Methylnaphthalene-d10	12.271	152	4454	0.321	ng	-0.05
14) 2,4,6-Tribromophenol	15.996	330	101	0.046	ng	-0.03
15) 2-Fluorobiphenyl	13.139	172	6799	0.342	ng	-0.05
27) Fluoranthene-d10	19.254	212	8364	0.370	ng	-0.04
31) Terphenyl-d14	19.849	244	5303	0.527	ng	-0.04
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.466	88	8917	2.001	ng	# 78
20) 4,6-Dinitro-2-methylph...	16.691	198	5	0.141	ng	# 1
25) Phenanthrene	17.275	178	623	0.024	ng	98
28) Fluoranthene	19.282	202	658	0.022	ng	97
30) Pyrene	19.645	202	648	0.030	ng	# 94
32) Benzo(a)anthracene	21.391	228	330	0.021	ng	# 51
34) Bis(2-ethylhexyl)phtha...	21.310	149	1028	0.155	ng	# 86
41) Benzo(g,h,i)perylene	26.768	276	323	0.023	ng	# 1

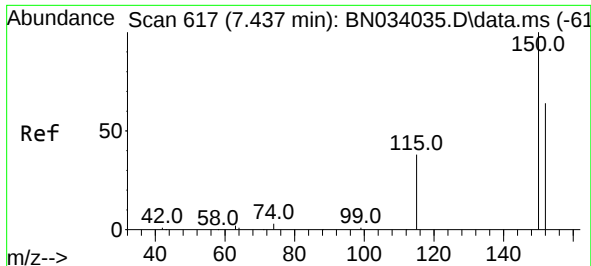
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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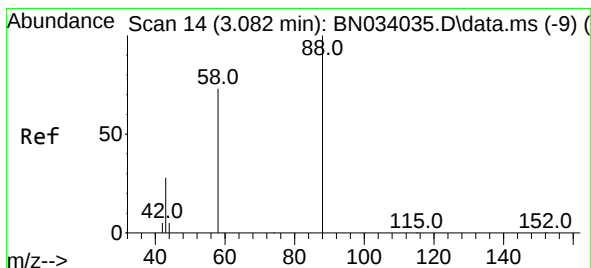
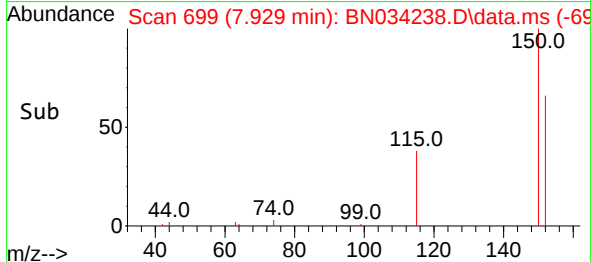
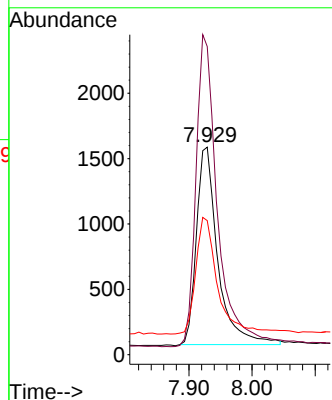
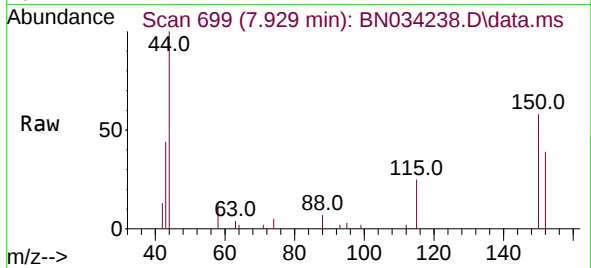




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.929 min Scan# 61
Delta R.T. -0.043 min
Lab File: BN034238.D
Acq: 25 Sep 2024 23:11

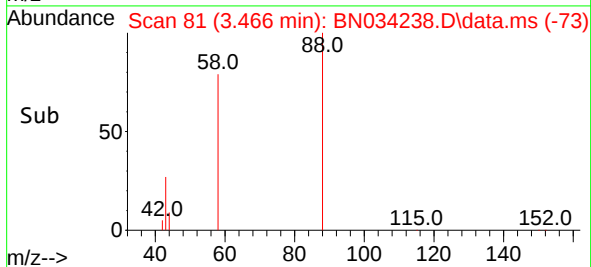
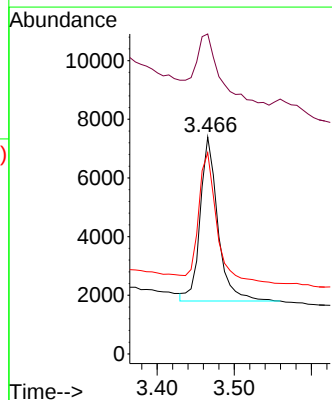
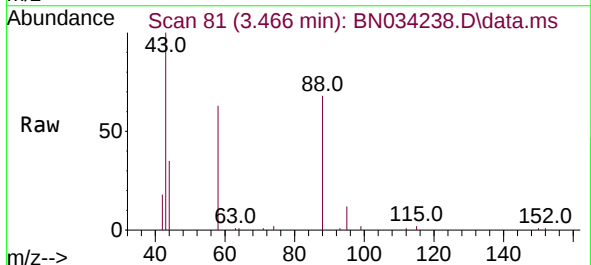
Instrument :
BNA_N
ClientSampleId :
RE139D1-20240920

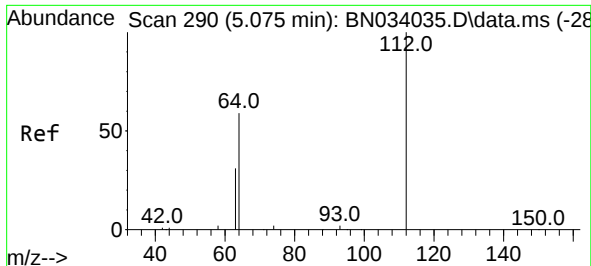
Tgt Ion:152 Resp: 3564
Ion Ratio Lower Upper
152 100
150 148.4 124.6 187.0
115 64.6 50.0 75.0



#2
1,4-Dioxane
Concen: 2.001 ng
RT: 3.466 min Scan# 81
Delta R.T. -0.043 min
Lab File: BN034238.D
Acq: 25 Sep 2024 23:11

Tgt Ion: 88 Resp: 8917
Ion Ratio Lower Upper
88 100
43 59.3 25.8 38.8
58 82.2 58.8 88.2

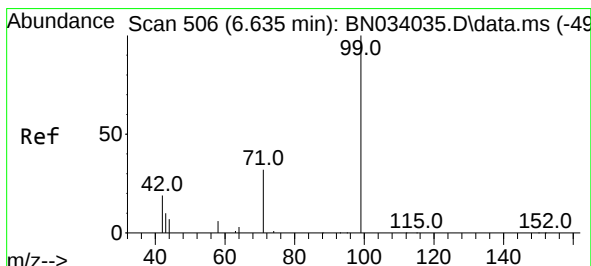
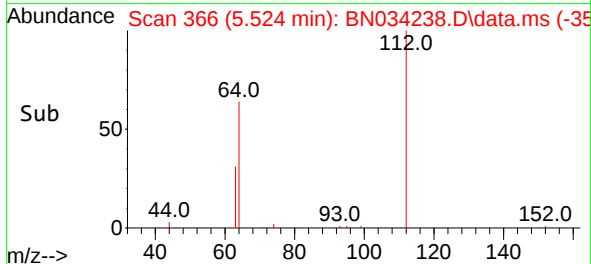
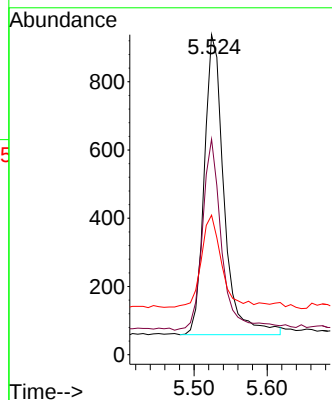
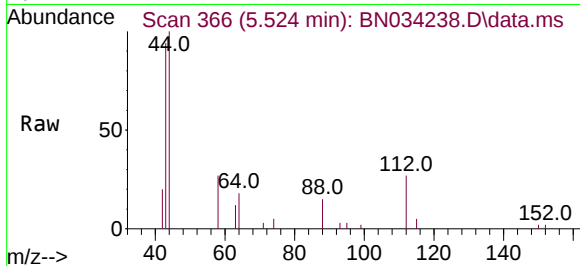




#4
2-Fluorophenol
Concen: 0.163 ng
RT: 5.524 min Scan# 30
Delta R.T. -0.050 min
Lab File: BN034238.D
Acq: 25 Sep 2024 23:11

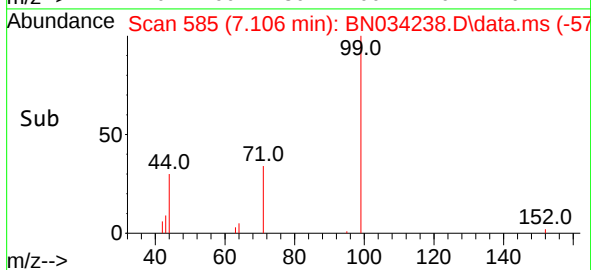
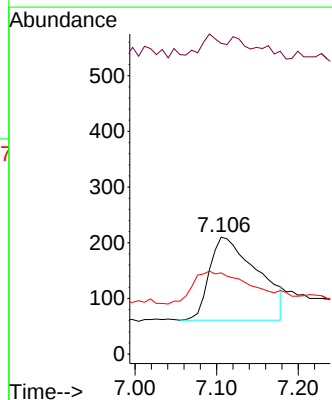
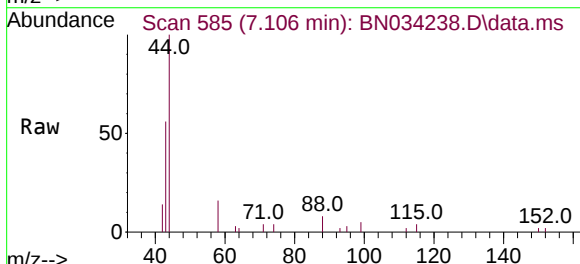
Instrument :
BNA_N
ClientSampleId :
RE139D1-20240920

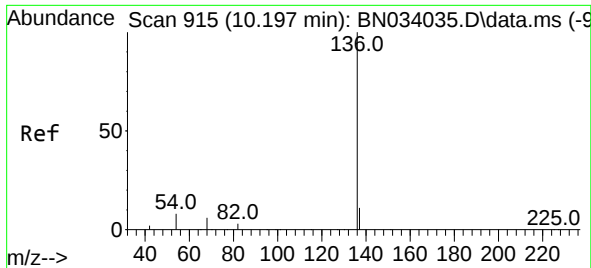
Tgt Ion:112 Resp: 1649
Ion Ratio Lower Upper
112 100
64 62.6 48.6 72.8
63 32.0 25.6 38.4



#5
Phenol-d6
Concen: 0.052 ng
RT: 7.106 min Scan# 585
Delta R.T. -0.043 min
Lab File: BN034238.D
Acq: 25 Sep 2024 23:11

Tgt Ion: 99 Resp: 609
Ion Ratio Lower Upper
99 100
42 10.7 17.8 26.8#
71 45.8 26.2 39.2#

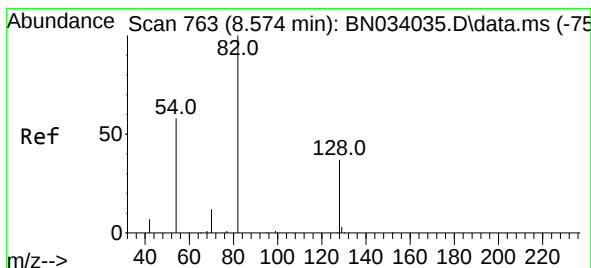
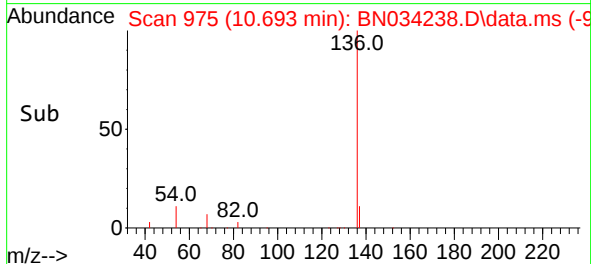
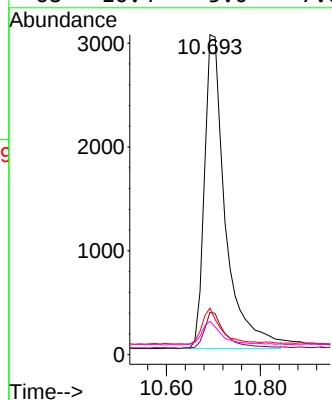
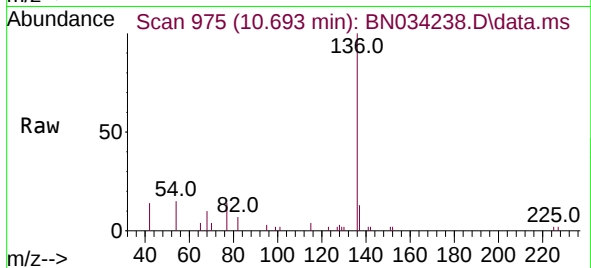




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.693 min Scan# 915
Delta R.T. -0.053 min
Lab File: BN034238.D
Acq: 25 Sep 2024 23:11

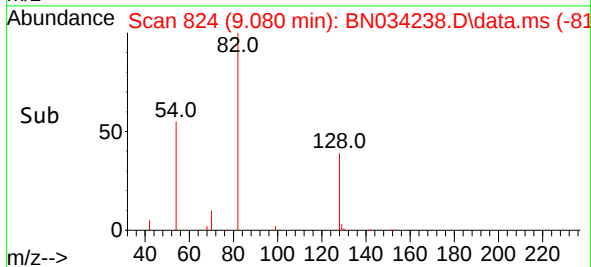
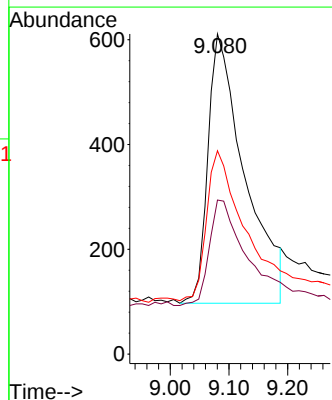
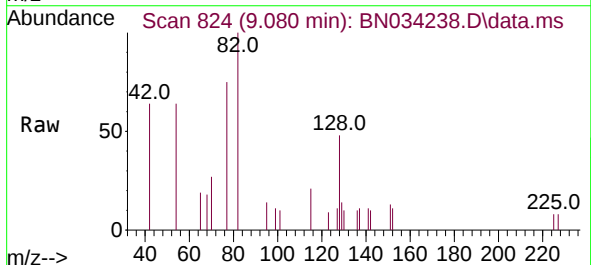
Instrument :
BNA_N
ClientSampleId :
RE139D1-20240920

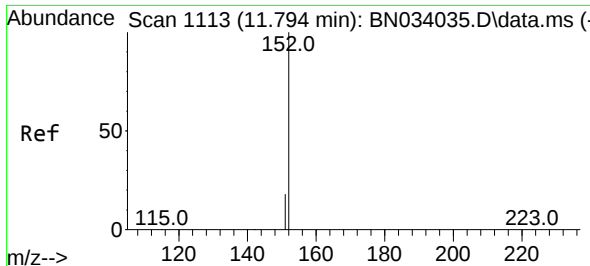
Tgt Ion:136	Resp:	9394
Ion Ratio	Lower	Upper
136	100	
137	13.3	9.0 13.6
54	14.6	6.8 10.2#
68	10.4	5.0 7.6#



#8
Nitrobenzene-d5
Concen: 0.312 ng
RT: 9.080 min Scan# 824
Delta R.T. -0.043 min
Lab File: BN034238.D
Acq: 25 Sep 2024 23:11

Tgt Ion: 82	Resp:	2240
Ion Ratio	Lower	Upper
82	100	
128	48.1	31.4 47.2#
54	63.5	47.4 71.0

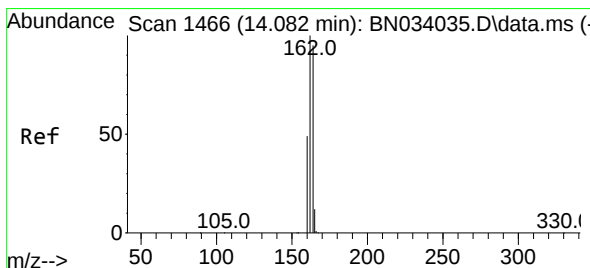
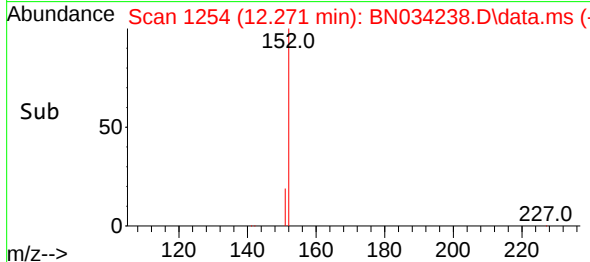
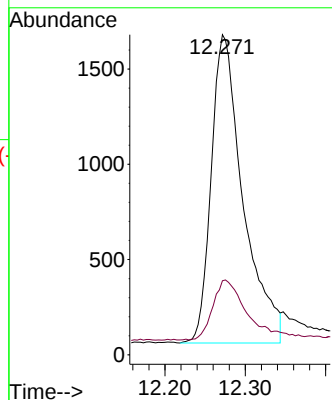
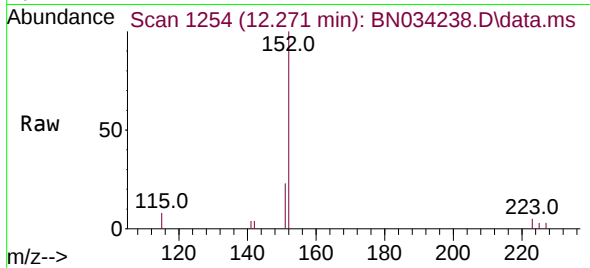




#11
2-Methylnaphthalene-d10
Concen: 0.321 ng
RT: 12.271 min Scan# 1519
Delta R.T. -0.053 min
Lab File: BN034238.D
Acq: 25 Sep 2024 23:11

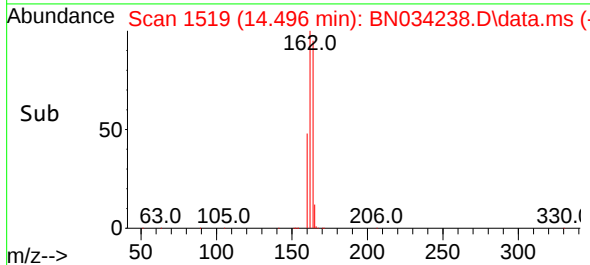
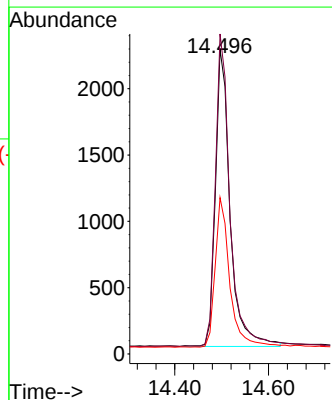
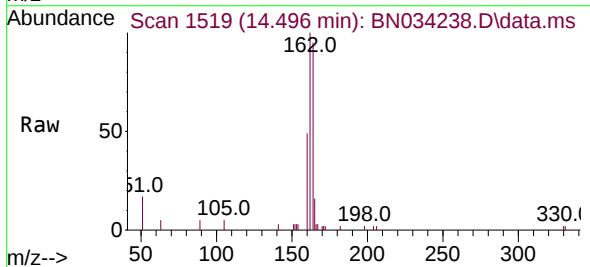
Instrument :
BNA_N
ClientSampleId :
RE139D1-20240920

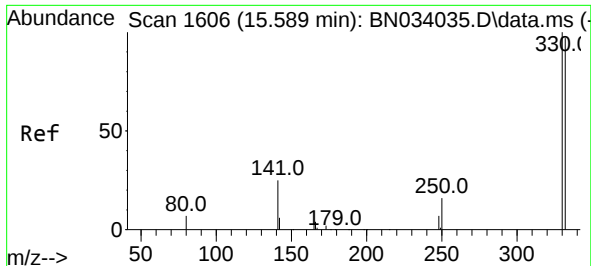
Tgt Ion:152 Resp: 4454
Ion Ratio Lower Upper
152 100
151 20.5 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.496 min Scan# 1519
Delta R.T. -0.046 min
Lab File: BN034238.D
Acq: 25 Sep 2024 23:11

Tgt Ion:164 Resp: 4892
Ion Ratio Lower Upper
164 100
162 105.1 84.2 126.2
160 51.4 41.7 62.5

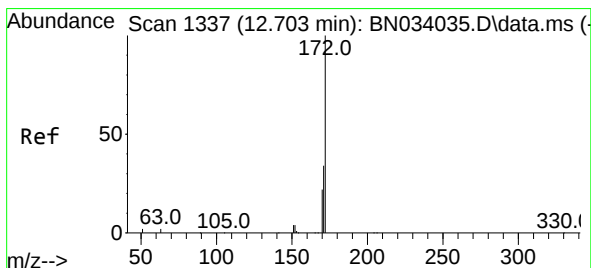
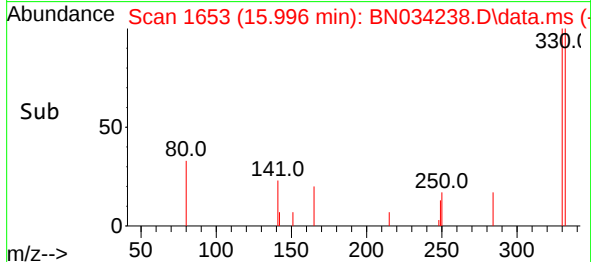
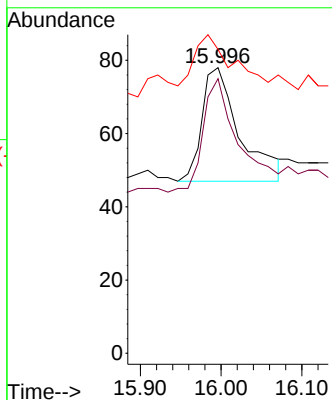
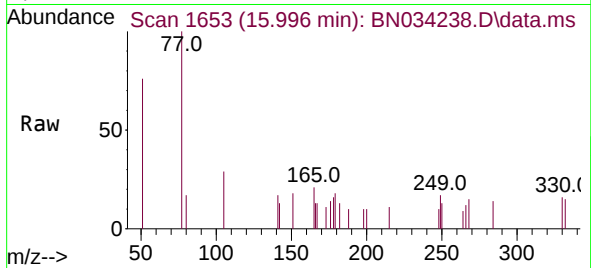




#14
2,4,6-Tribromophenol
Concen: 0.046 ng
RT: 15.996 min Scan# 1
Delta R.T. -0.030 min
Lab File: BN034238.D
Acq: 25 Sep 2024 23:11

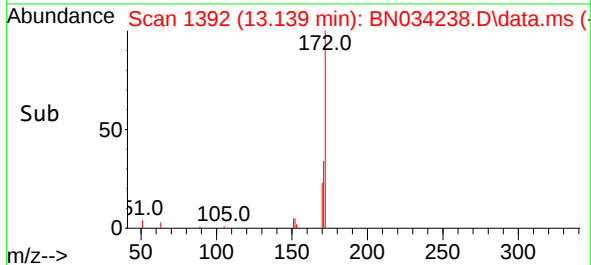
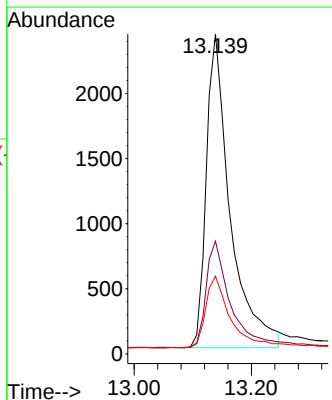
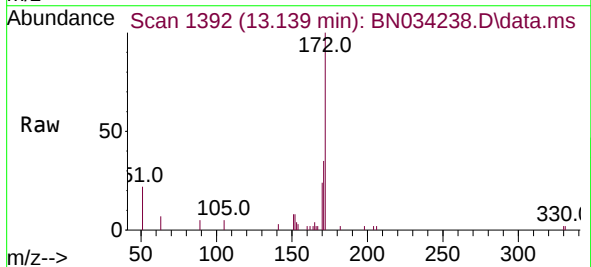
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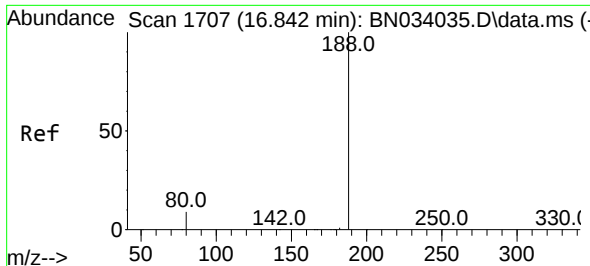
Tgt Ion:330 Resp: 101
Ion Ratio Lower Upper
330 100
332 96.0 77.4 116.0
141 49.5 35.9 53.9



#15
2-Fluorobiphenyl
Concen: 0.342 ng
RT: 13.139 min Scan# 1392
Delta R.T. -0.046 min
Lab File: BN034238.D
Acq: 25 Sep 2024 23:11

Tgt Ion:172 Resp: 6799
Ion Ratio Lower Upper
172 100
171 35.2 27.3 40.9
170 24.3 18.1 27.1

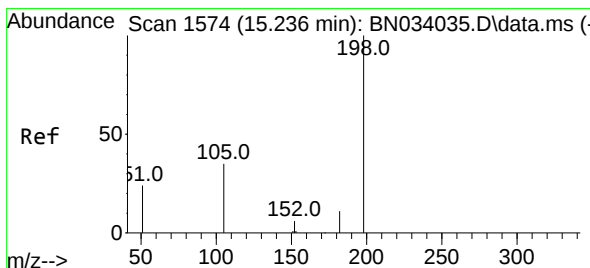
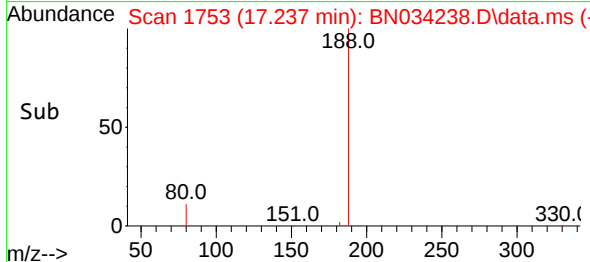
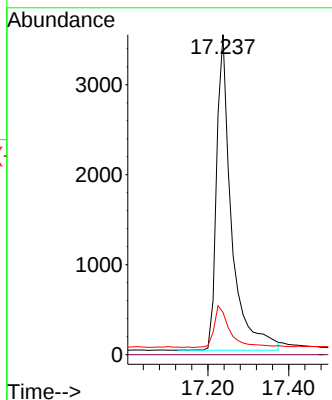
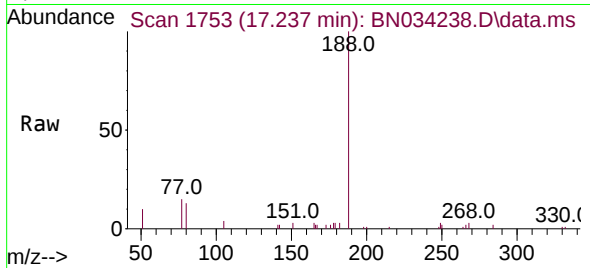




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.237 min Scan# 1709
Delta R.T. -0.043 min
Lab File: BN034238.D
Acq: 25 Sep 2024 23:11

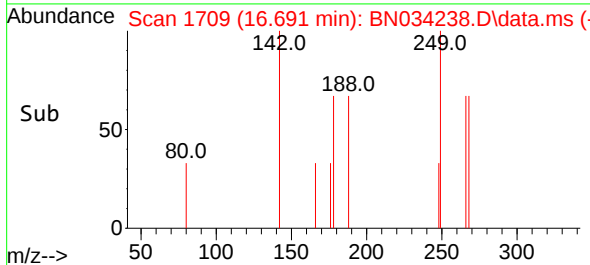
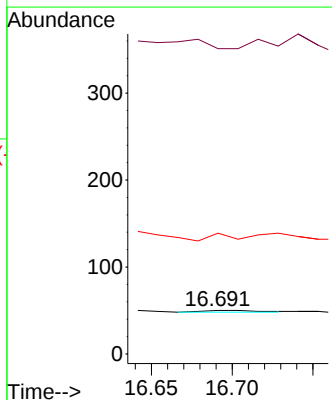
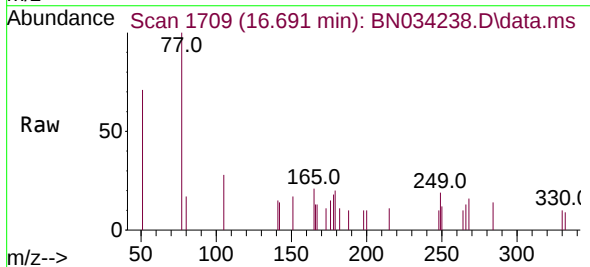
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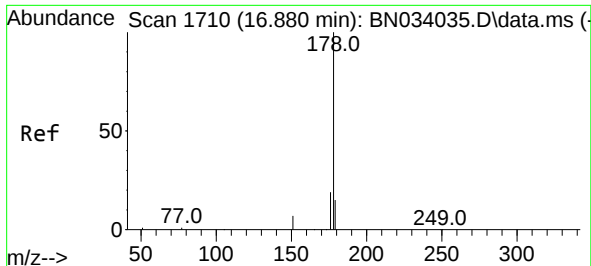
Tgt Ion:188 Resp: 8963
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.2 7.4 11.0#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.141 ng
RT: 16.691 min Scan# 1709
Delta R.T. -0.055 min
Lab File: BN034238.D
Acq: 25 Sep 2024 23:11

Tgt Ion:198 Resp: 5
Ion Ratio Lower Upper
198 100
51 702.0 106.4 159.6#
105 278.0 38.5 57.7#

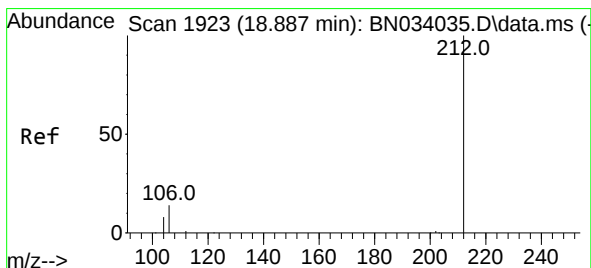
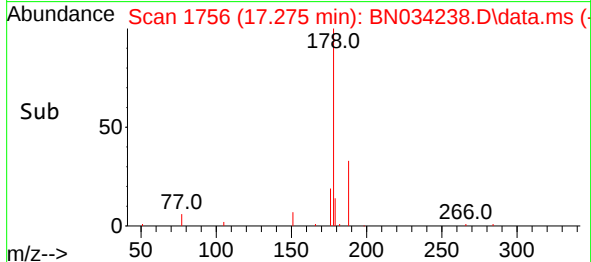
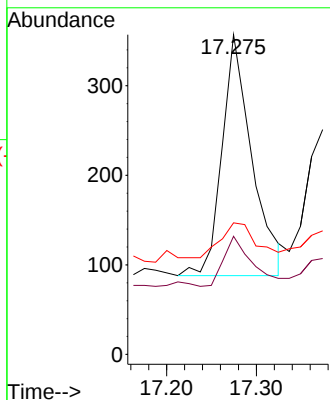
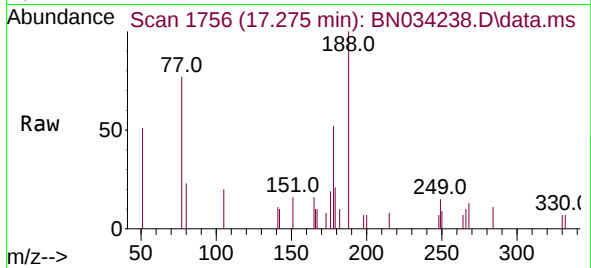




#25
Phenanthrene
Concen: 0.024 ng
RT: 17.275 min Scan# 1710
Delta R.T. -0.043 min
Lab File: BN034238.D
Acq: 25 Sep 2024 23:11

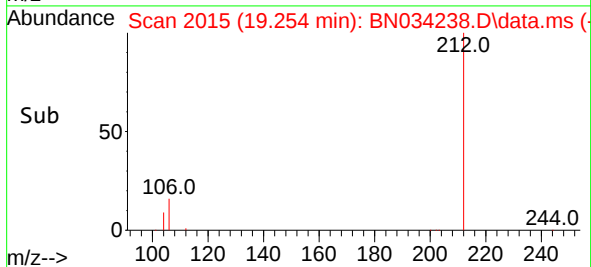
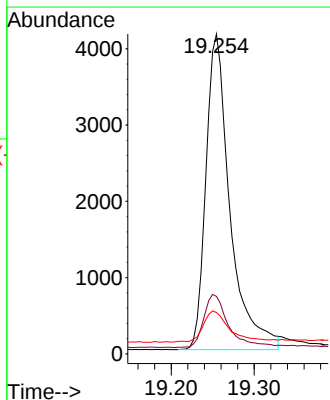
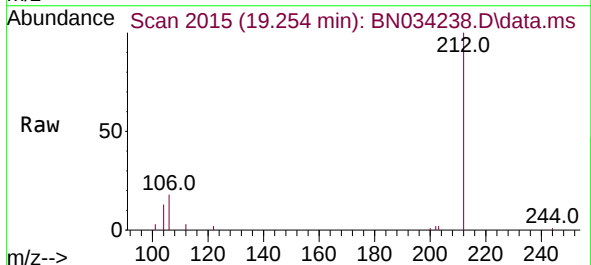
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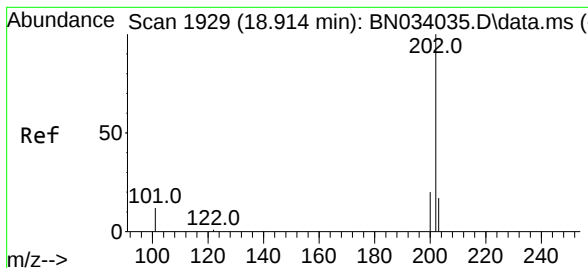
Tgt Ion:	178	Resp:	623
Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.3	22.9
179	16.7	12.1	18.1



#27
Fluoranthene-d10
Concen: 0.370 ng
RT: 19.254 min Scan# 2015
Delta R.T. -0.039 min
Lab File: BN034238.D
Acq: 25 Sep 2024 23:11

Tgt Ion:	212	Resp:	8364
Ion	Ratio	Lower	Upper
212	100		
106	17.2	13.4	20.2
104	10.8	7.8	11.6





#28

Fluoranthene

Concen: 0.022 ng

RT: 19.282 min Scan# 20

Delta R.T. -0.039 min

Lab File: BN034238.D

Acq: 25 Sep 2024 23:11

Instrument :

BNA_N

ClientSampleId :

RE139D1-20240920

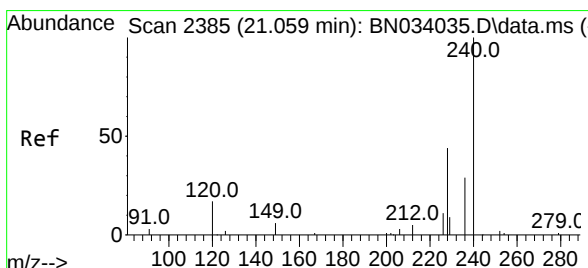
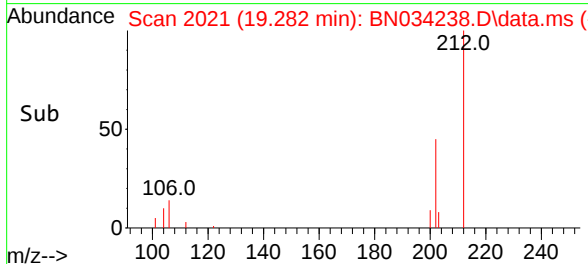
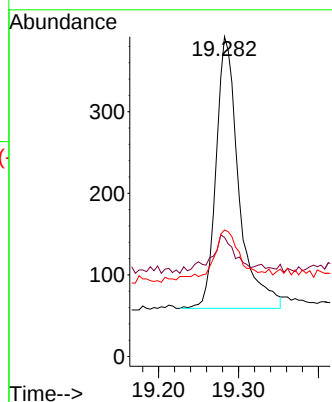
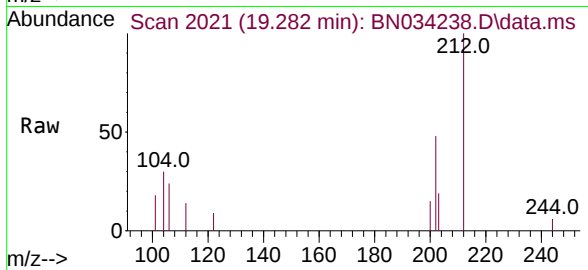
Tgt Ion:202 Resp: 658

Ion Ratio Lower Upper

202 100

101 10.5 10.1 15.1

203 17.2 13.6 20.4



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.409 min Scan# 2437

Delta R.T. -0.029 min

Lab File: BN034238.D

Acq: 25 Sep 2024 23:11

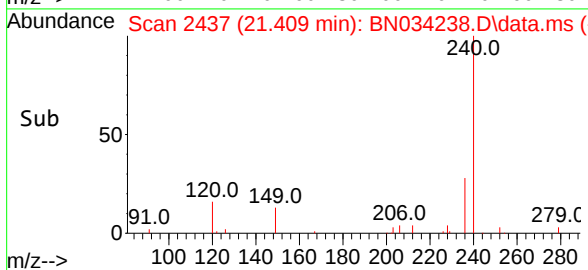
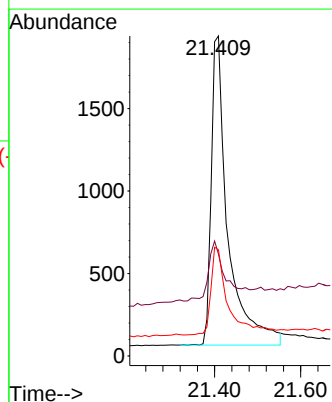
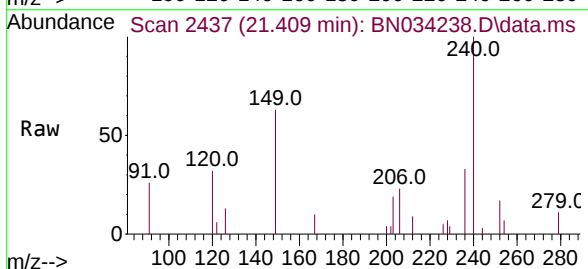
Tgt Ion:240 Resp: 5038

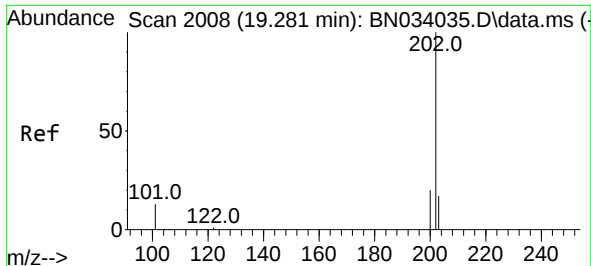
Ion Ratio Lower Upper

240 100

120 31.9 13.5 20.3#

236 33.2 23.4 35.0

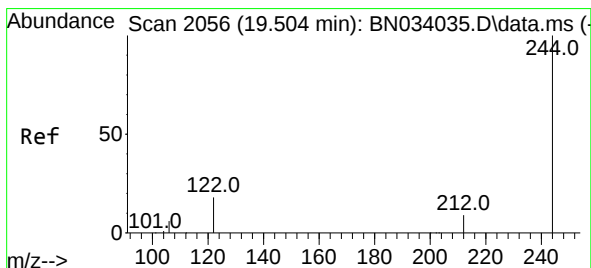
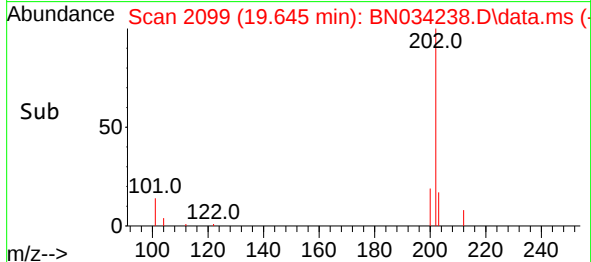
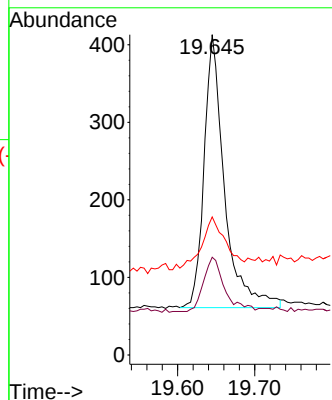
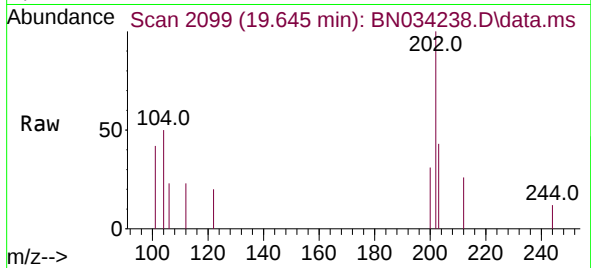




#30
Pyrene
Concen: 0.030 ng
RT: 19.645 min Scan# 2099
Delta R.T. -0.039 min
Lab File: BN034238.D
Acq: 25 Sep 2024 23:11

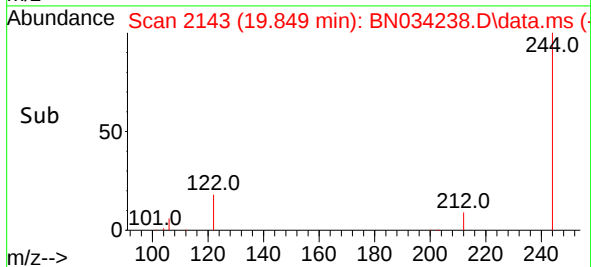
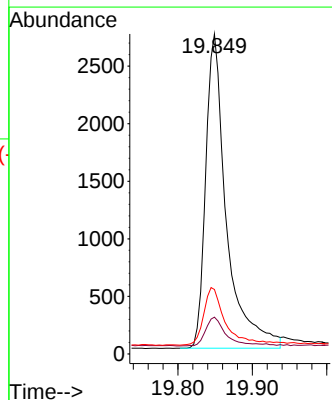
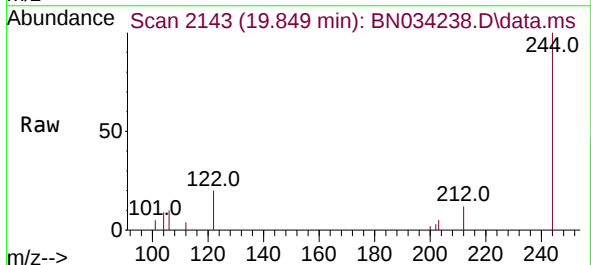
Instrument :
BNA_N
ClientSampleId :
RE139D1-20240920

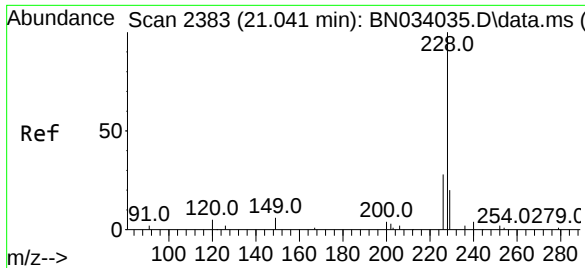
Tgt Ion:202 Resp: 648
Ion Ratio Lower Upper
202 100
200 20.5 16.6 25.0
203 23.1 14.3 21.5#



#31
Terphenyl-d14
Concen: 0.527 ng
RT: 19.849 min Scan# 2143
Delta R.T. -0.039 min
Lab File: BN034238.D
Acq: 25 Sep 2024 23:11

Tgt Ion:244 Resp: 5303
Ion Ratio Lower Upper
244 100
212 11.5 7.8 11.6
122 20.2 14.8 22.2

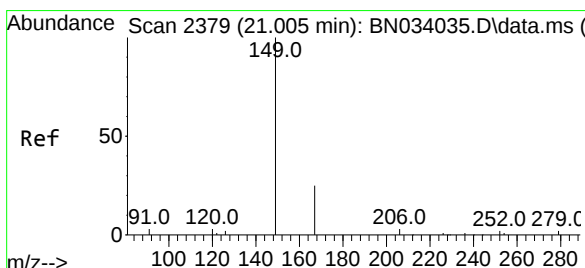
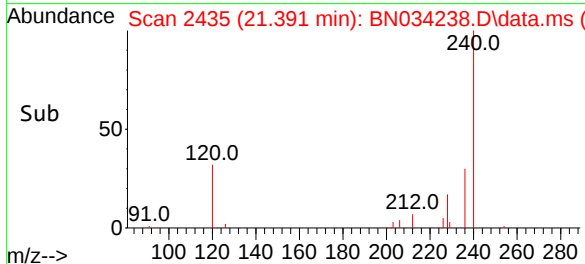
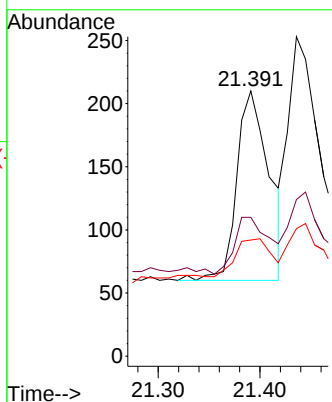
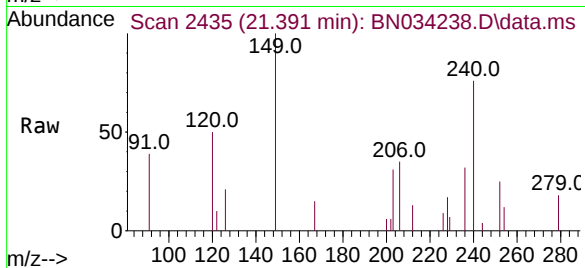




#32
Benzo(a)anthracene
Concen: 0.021 ng
RT: 21.391 min Scan# 2435
Delta R.T. -0.029 min
Lab File: BN034238.D
Acq: 25 Sep 2024 23:11

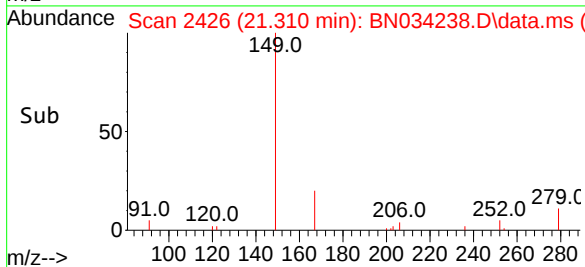
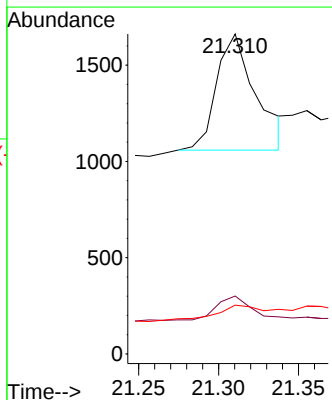
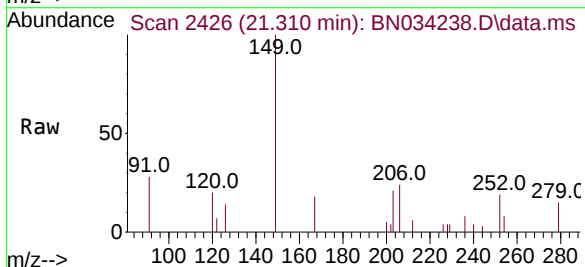
Instrument :
BNA_N
ClientSampleId :
RE139D1-20240920

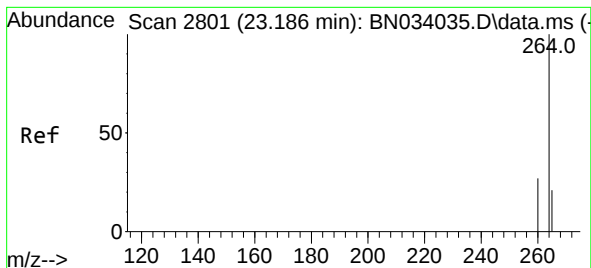
Tgt Ion:228 Resp: 330
Ion Ratio Lower Upper
228 100
226 52.4 22.3 33.5#
229 43.8 15.7 23.5#



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.155 ng
RT: 21.310 min Scan# 2426
Delta R.T. -0.029 min
Lab File: BN034238.D
Acq: 25 Sep 2024 23:11

Tgt Ion:149 Resp: 1028
Ion Ratio Lower Upper
149 100
167 18.4 19.9 29.9#
279 11.4 4.6 6.8#





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.713 min Scan# 24

Delta R.T. -0.055 min

Lab File: BN034238.D

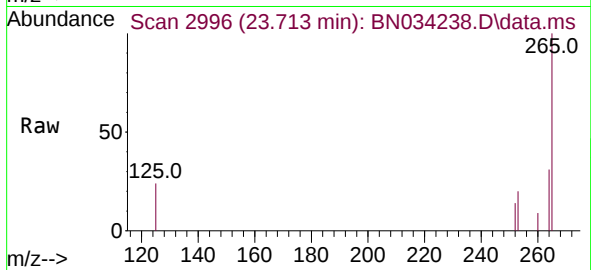
Acq: 25 Sep 2024 23:11

Instrument :

BNA_N

ClientSampleId :

RE139D1-20240920



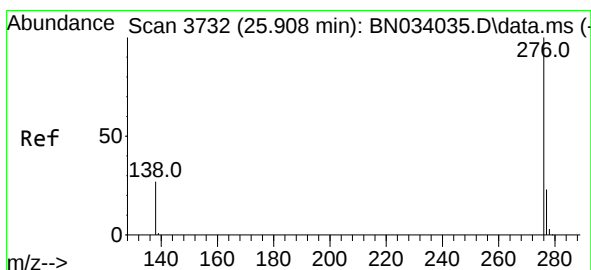
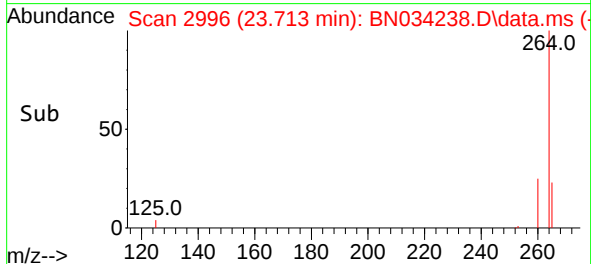
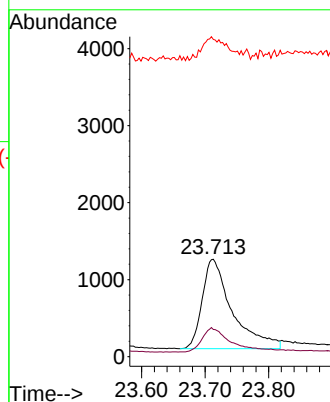
Tgt Ion:264 Resp: 3823

Ion Ratio Lower Upper

264 100

260 27.8 21.7 32.5

265 325.7 52.1 78.1#



#41

Benzo(g,h,i)perylene

Concen: 0.023 ng

RT: 26.768 min Scan# 4041

Delta R.T. -0.084 min

Lab File: BN034238.D

Acq: 25 Sep 2024 23:11

Tgt Ion:276 Resp: 323

Ion Ratio Lower Upper

276 100

277 82.6 19.3 28.9#

138 102.2 22.6 34.0#

