

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121820\
 Data File : BN013215.D
 Acq On : 18 Dec 2020 19:05
 Operator : CG/JU
 Sample : L5123-15
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT180D1-20201214

Manual Integrations
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mohammad
 12/21/2020 3:00:41 PM

Quant Time: Dec 19 01:11:35 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 18 16:11:20 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.346	152	627	0.40	ng	0.00
7) Naphthalene-d8	10.125	136	1782	0.40	ng	# 0.01
13) Acenaphthene-d10	14.004	164	1139	0.40	ng	0.00
19) Phenanthrene-d10	16.775	188	2442	0.40	ng	# 0.00
29) Chrysene-d12	21.006	240	2888	0.40	ng	# 0.00
36) Perylene-d12	23.089	264	2998	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.970	112	217	0.08	ng	0.00
5) Phenol-d6	6.573	99	42	0.02	ng	0.02
8) Nitrobenzene-d5	8.553	82	468	0.25	ng	0.03
11) 2-Methylnaphthalene-d10	11.728	152	699	0.22	ng	0.00
14) 2,4,6-Tribromophenol	15.539	330	178	0.25	ng	0.00
15) 2-Fluorobiphenyl	12.621	172	1236	0.26	ng	-0.01
27) Fluoranthene-d10	18.816	212	3102	0.39	ng	0.00
31) Terphenyl-d14	19.432	244	2693	0.37	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	2.933	88	2830	2.59	ng	Qvalue 97
32) Benzo(a)anthracene	20.995	228	270	0.03	ng	# 56
33) Chrysene	21.038	228	381	0.04	ng	# 73
37) Benzo(b)fluoranthene	22.479	252	337	0.03	ng	# 1
38) Benzo(k)fluoranthene	22.520	252	421m	0.03	ng	
39) Benzo(a)pyrene	23.003	252	282	0.03	ng	# 1
40) Dibenzo(a,h)anthracene	25.163	278	261	0.02	ng	# 1
41) Benzo(g,h,i)perylene	25.772	276	427	0.04	ng	# 28

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

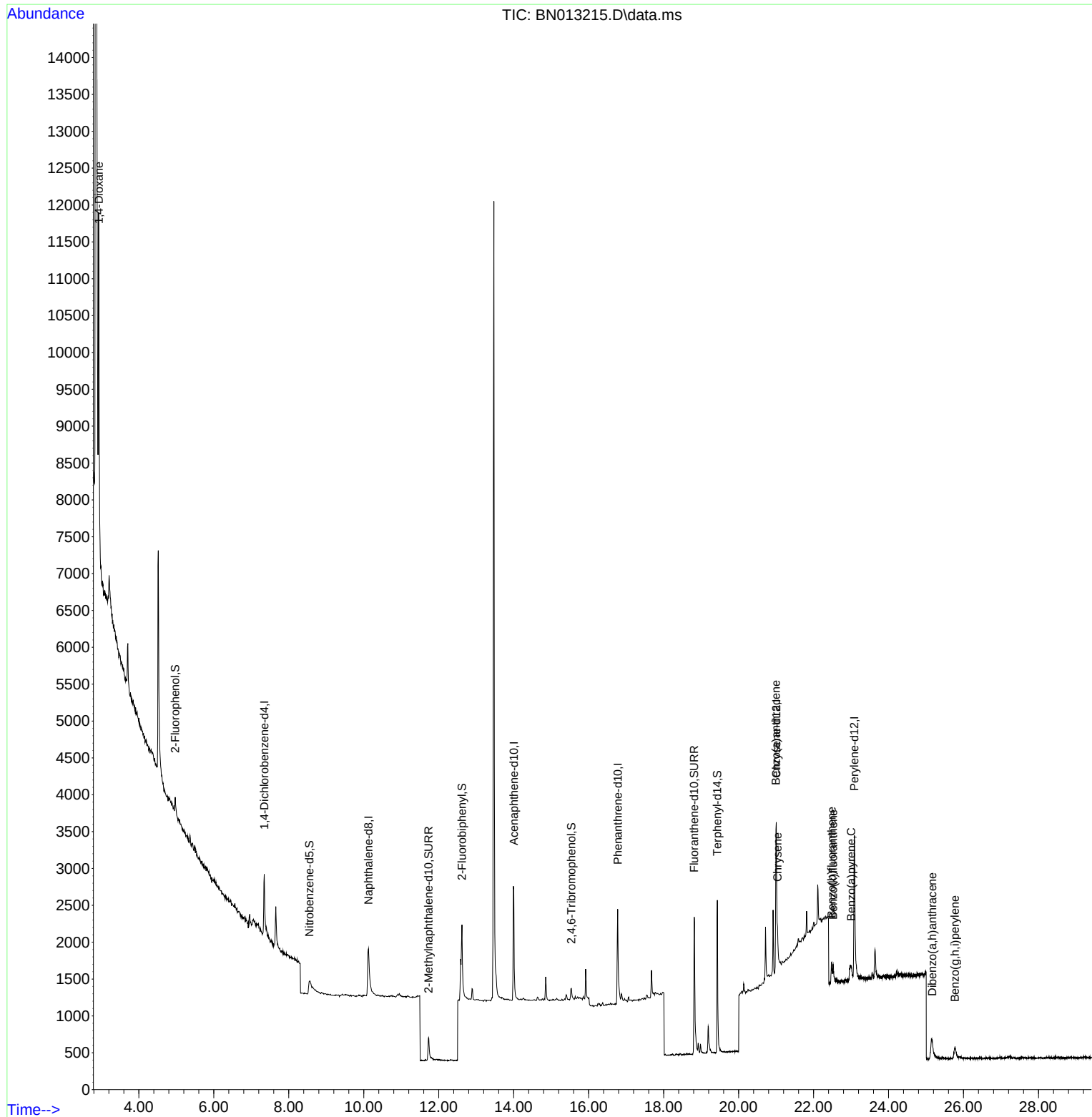
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121820\
Data File : BN013215.D
Acq On : 18 Dec 2020 19:05
Operator : CG/JU
Sample : L5123-15
Misc :
ALS Vial : 7 Sample Multiplier: 1

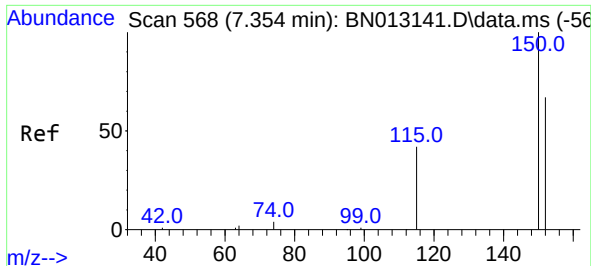
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 18 16:11:20 2020
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.346 min Scan# 567
Delta R.T. -0.000 min
Lab File: BN013215.D
Acq: 18 Dec 2020 19:05

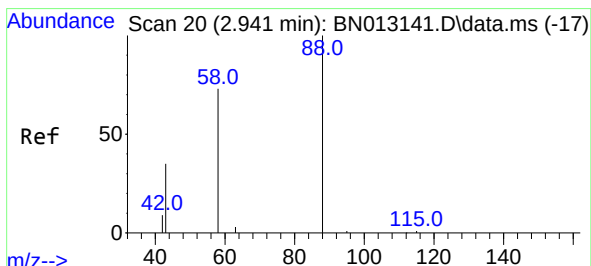
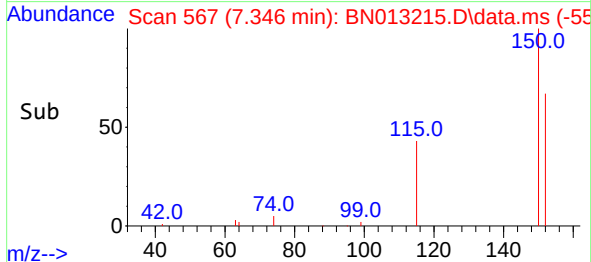
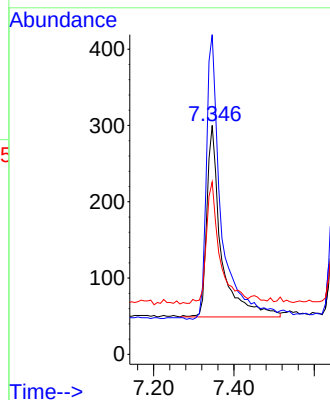
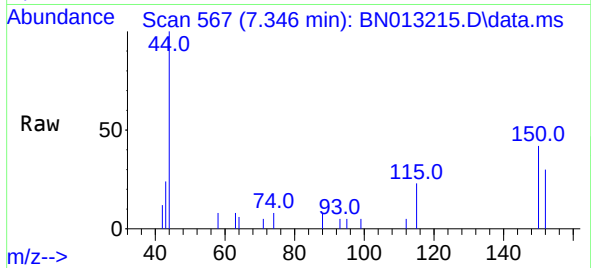
Tgt Ion: 152 Resp: 627

Ion	Ratio	Lower	Upper
152	100		
150	139.7	116.6	174.8
115	75.3	52.9	79.3

Instrument :
BNA_N
ClientSampleId :
TT180D1-20201214

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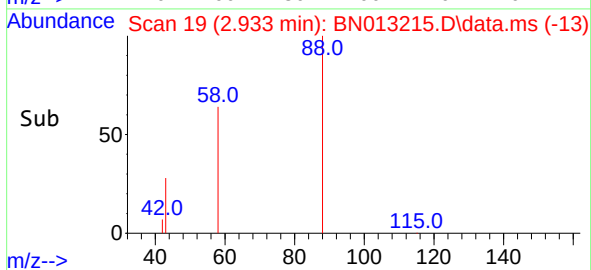
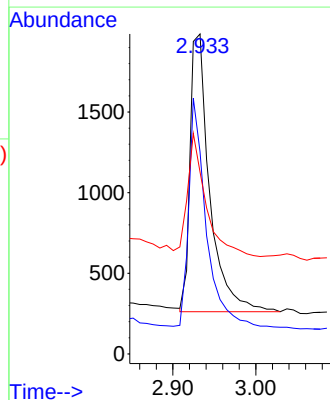
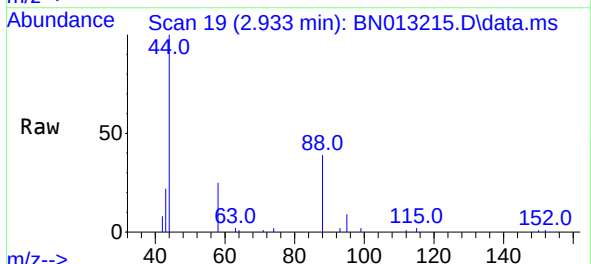
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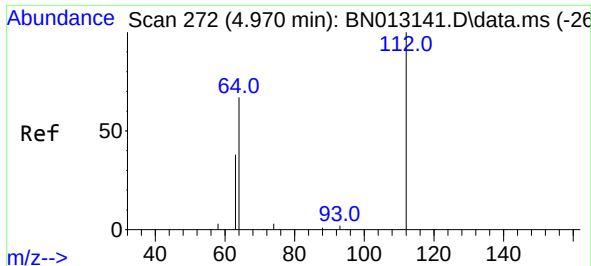


#2
1,4-Dioxane
Concen: 2.59 ng
RT: 2.933 min Scan# 19
Delta R.T. -0.000 min
Lab File: BN013215.D
Acq: 18 Dec 2020 19:05

Tgt Ion: 88 Resp: 2830

Ion	Ratio	Lower	Upper
88	100		
58	77.1	59.4	89.2
43	41.6	32.3	48.5





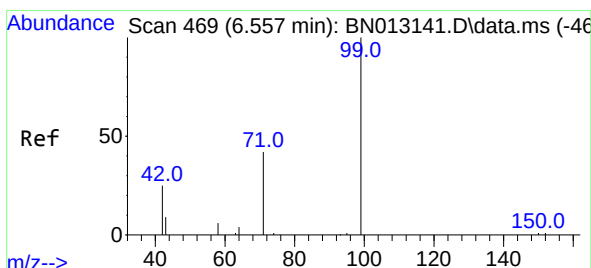
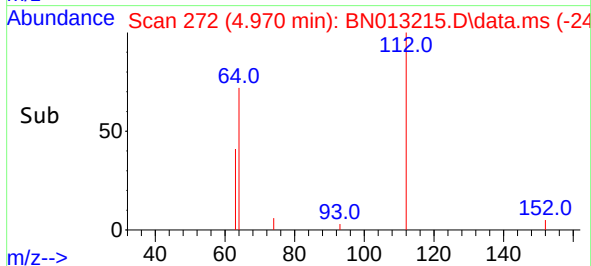
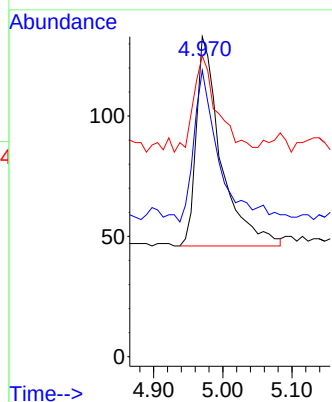
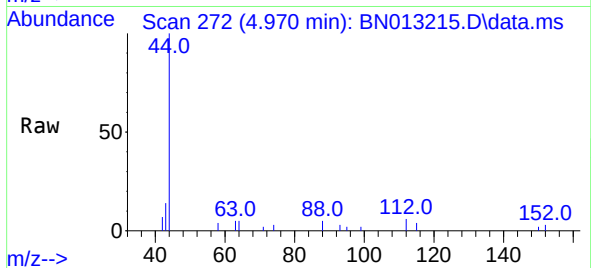
#4
2-Fluorophenol
Concen: 0.08 ng
RT: 4.970 min Scan# 272
Delta R.T. 0.008 min
Lab File: BN013215.D
Acq: 18 Dec 2020 19:05

Tgt Ion:	112	Resp:	217
Ion	Ratio	Lower	Upper
112	100		
64	75.1	49.5	74.3#
63	44.2	32.0	48.0

Instrument :
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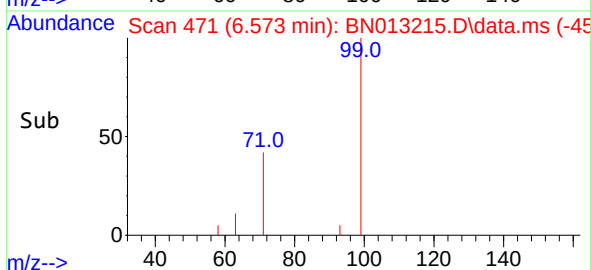
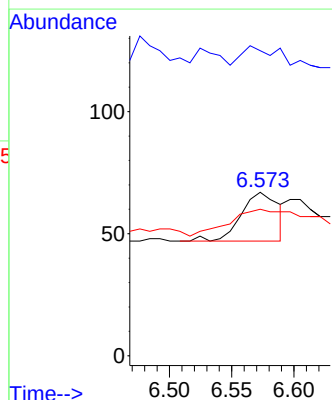
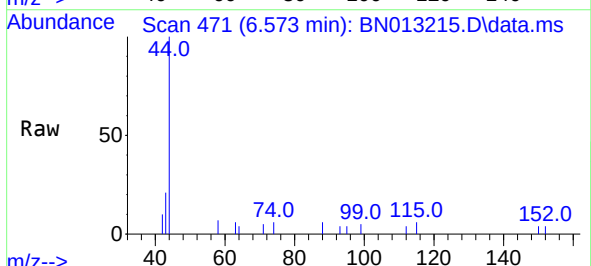
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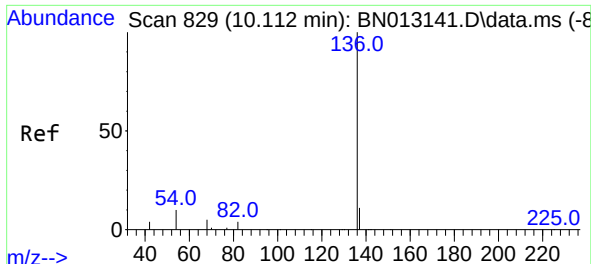
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#5
Phenol-d6
Concen: 0.02 ng
RT: 6.573 min Scan# 471
Delta R.T. 0.024 min
Lab File: BN013215.D
Acq: 18 Dec 2020 19:05

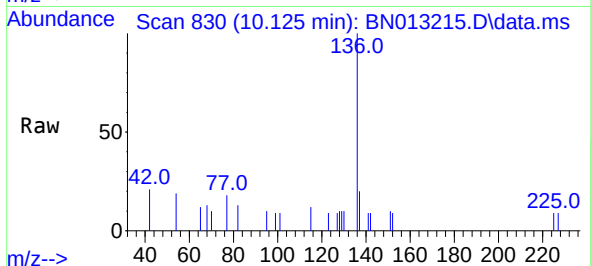
Tgt Ion:	99	Resp:	42
Ion	Ratio	Lower	Upper
99	100		
42	176.2	22.4	33.6#
71	133.3	37.8	56.6#





#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.125 min Scan# 830
Delta R.T. 0.013 min
Lab File: BN013215.D
Acq: 18 Dec 2020 19:05

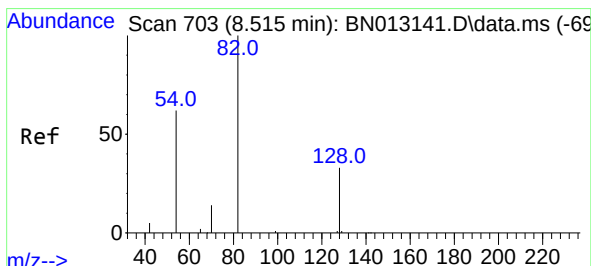
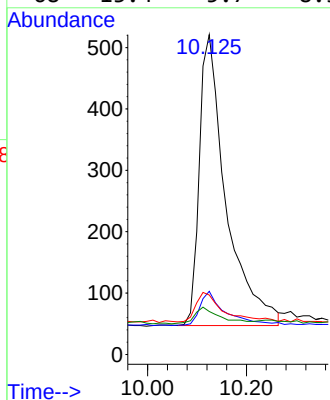
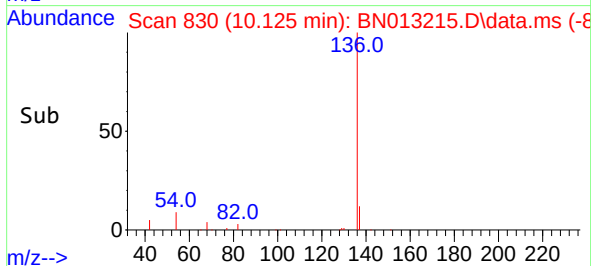
Instrument :
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ClientSampleId :
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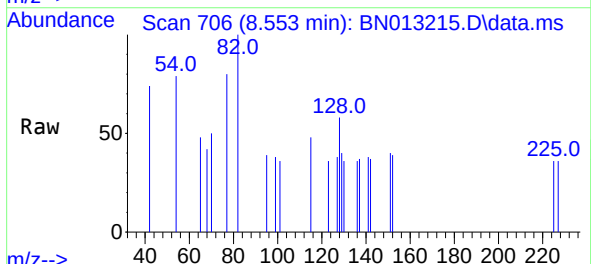
Tgt Ion:	136	Resp:	1782
Ion	Ratio	Lower	Upper
136	100		
137	19.8	10.6	15.8#
54	18.6	8.6	12.8#
68	13.4	5.7	8.5#

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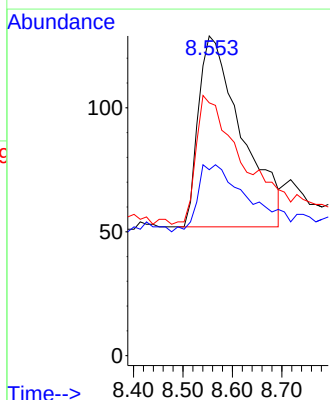
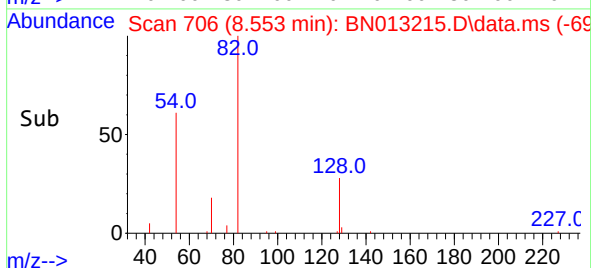
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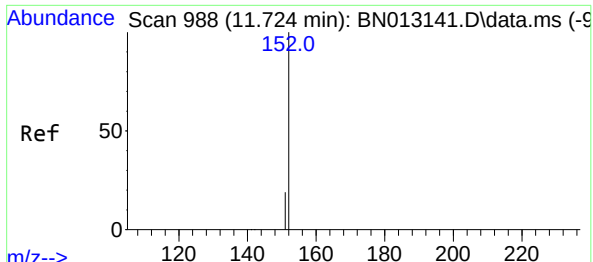


#8
Nitrobenzene-d5
Concen: 0.25 ng
RT: 8.553 min Scan# 706
Delta R.T. 0.025 min
Lab File: BN013215.D
Acq: 18 Dec 2020 19:05

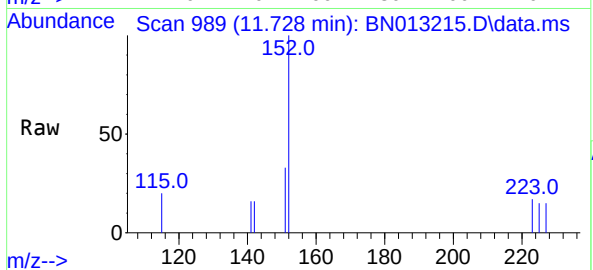


Tgt Ion:	82	Resp:	468
Ion	Ratio	Lower	Upper
82	100		
128	58.1	30.6	46.0#
54	79.1	48.3	72.5#

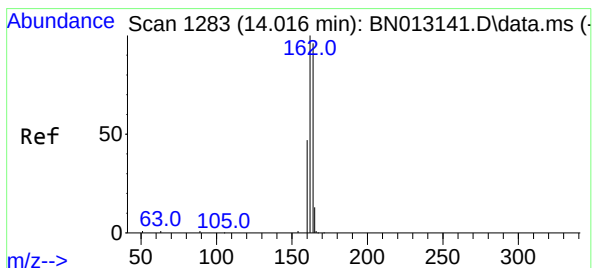
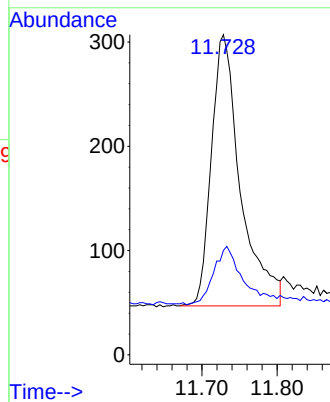
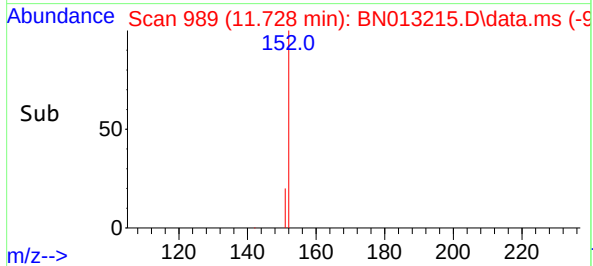




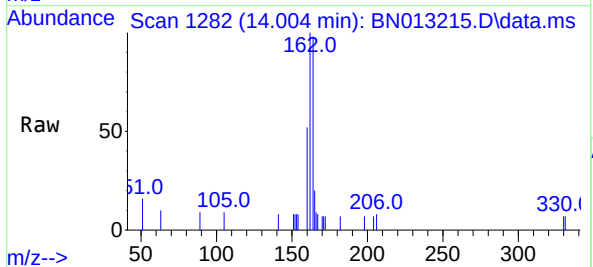
#11
2-Methylnaphthalene-d10
Concen: 0.22 ng
RT: 11.728 min Scan# 989
Delta R.T. 0.004 min
Lab File: BN013215.D
Acq: 18 Dec 2020 19:05



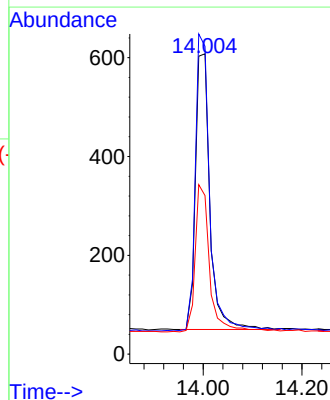
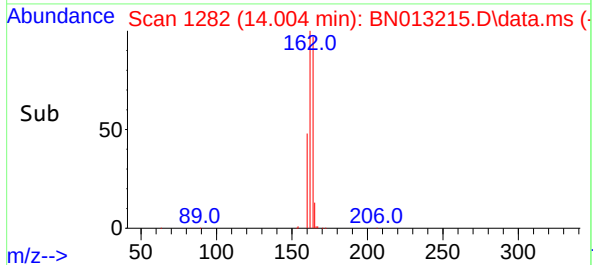
Tgt Ion:152 Resp: 699
Ion Ratio Lower Upper
152 100
151 21.9 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.004 min Scan# 1282
Delta R.T. -0.000 min
Lab File: BN013215.D
Acq: 18 Dec 2020 19:05



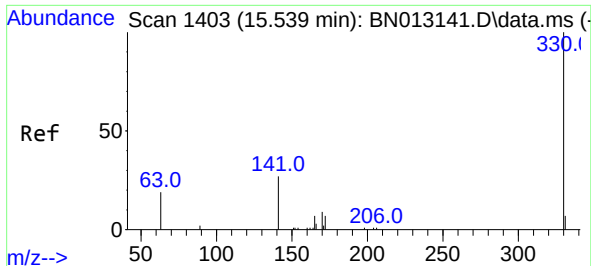
Tgt Ion:164 Resp: 1139
Ion Ratio Lower Upper
164 100
162 102.5 80.6 120.8
160 52.8 39.5 59.3



Instrument :
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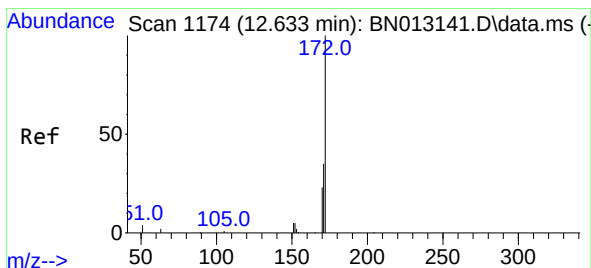
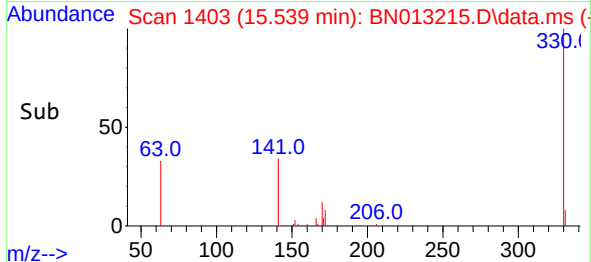
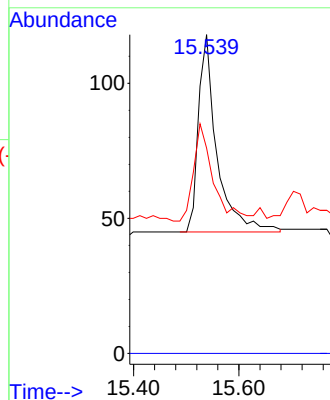
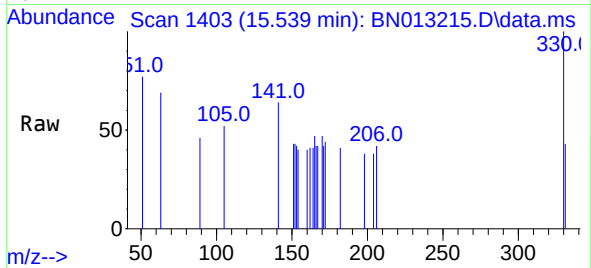
#14
2,4,6-Tribromophenol
Concen: 0.25 ng
RT: 15.539 min Scan# 1403
Delta R.T. -0.000 min
Lab File: BN013215.D
Acq: 18 Dec 2020 19:05

Tgt Ion: 330 Resp: 178
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 51.7 34.4 51.6#

Instrument :
BNA_N
ClientSampleId :
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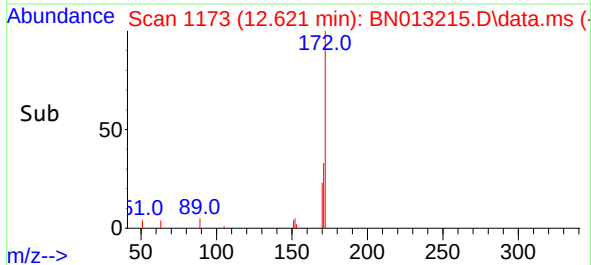
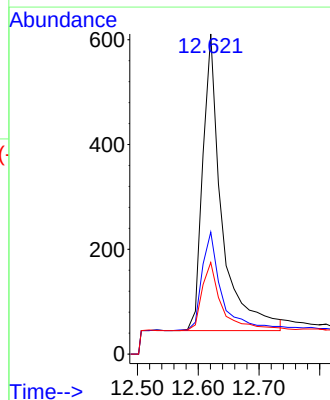
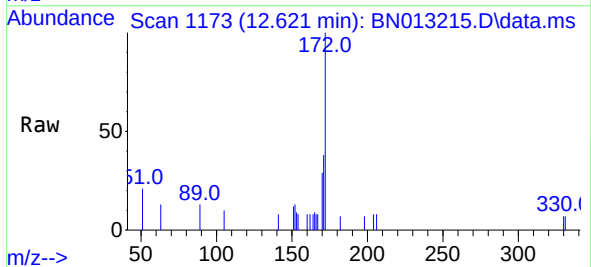
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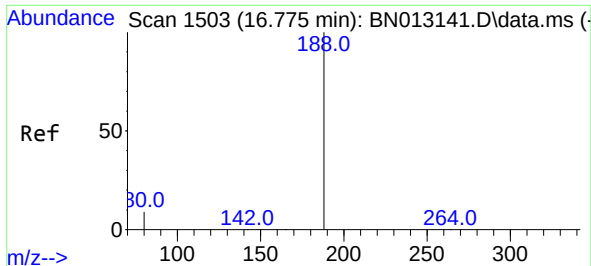
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#15
2-Fluorobiphenyl
Concen: 0.26 ng
RT: 12.621 min Scan# 1173
Delta R.T. -0.013 min
Lab File: BN013215.D
Acq: 18 Dec 2020 19:05

Tgt Ion: 172 Resp: 1236
Ion Ratio Lower Upper
172 100
171 38.1 28.2 42.4
170 28.6 20.0 30.0





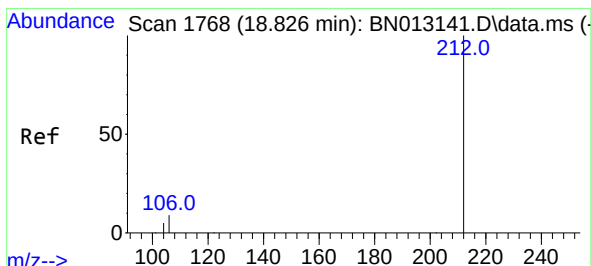
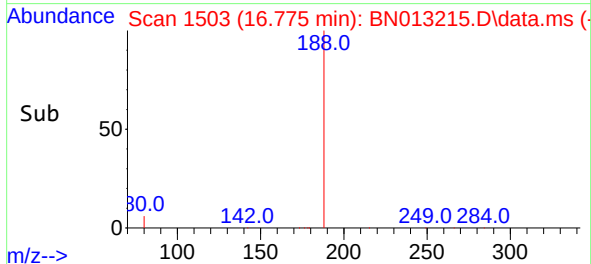
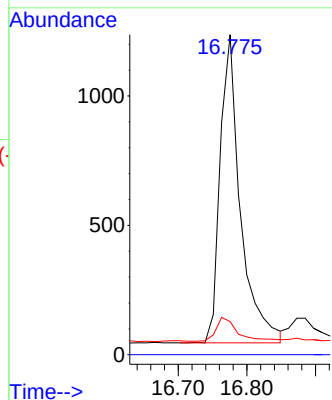
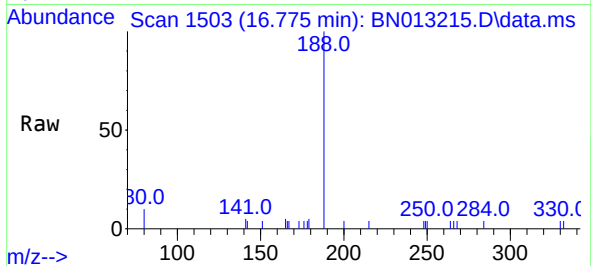
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.775 min Scan# 1503
Delta R.T. -0.000 min
Lab File: BN013215.D
Acq: 18 Dec 2020 19:05

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.3	5.0	7.4#

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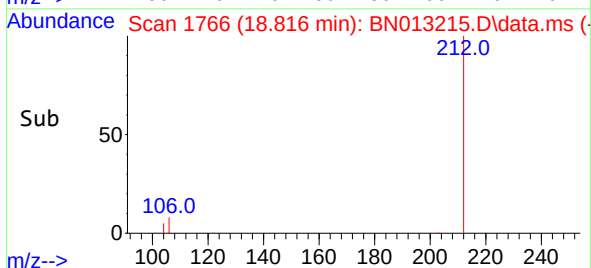
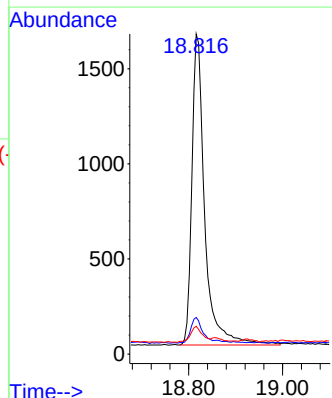
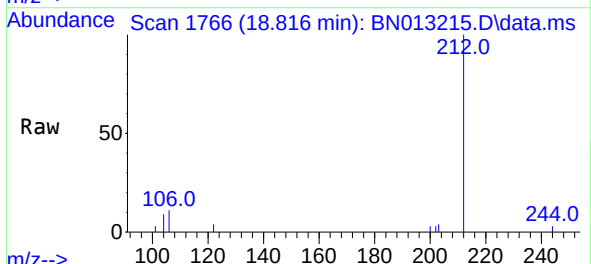
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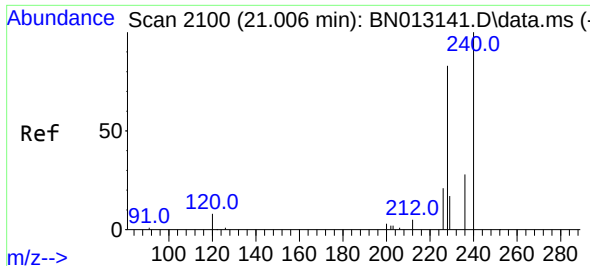
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#27
Fluoranthene-d10
Concen: 0.39 ng
RT: 18.816 min Scan# 1766
Delta R.T. -0.005 min
Lab File: BN013215.D
Acq: 18 Dec 2020 19:05

Tgt Ion	Ratio	Lower	Upper
212	100		
106	8.2	6.8	10.2
104	4.5	4.1	6.1





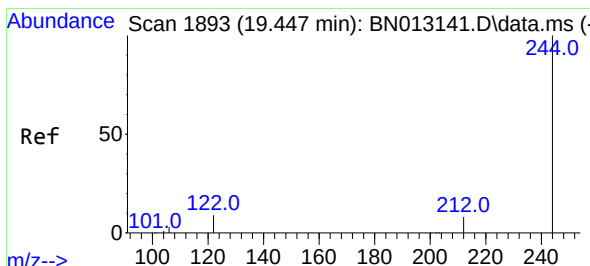
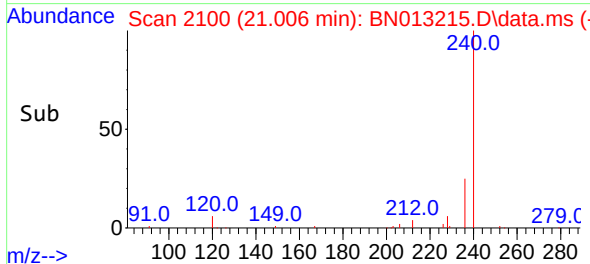
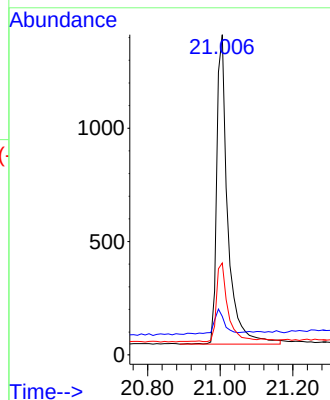
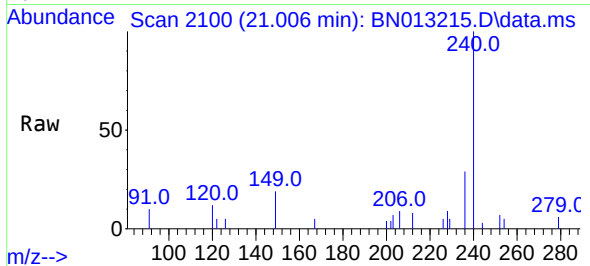
#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.006 min Scan# 2100
Delta R.T. -0.000 min
Lab File: BN013215.D
Acq: 18 Dec 2020 19:05

Tgt Ion:240 Resp: 2888
Ion Ratio Lower Upper
240 100
120 12.0 5.3 7.9#
236 28.7 21.8 32.8

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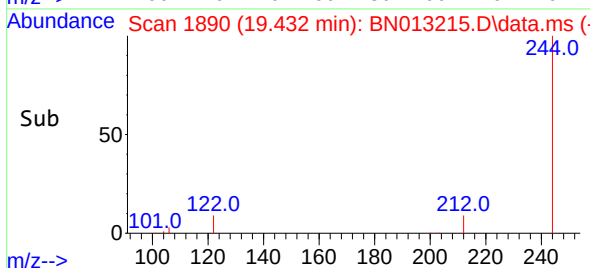
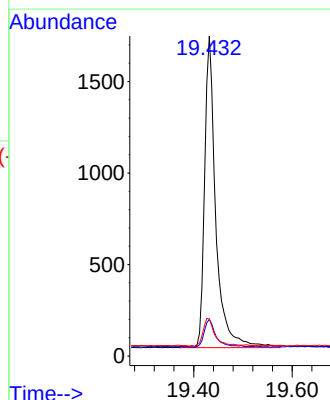
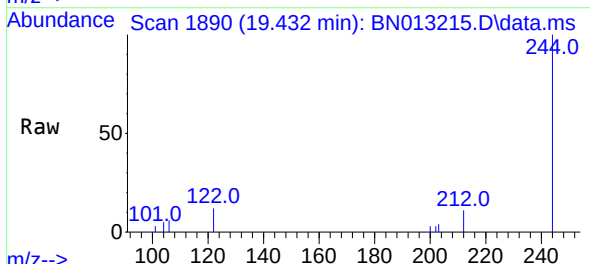
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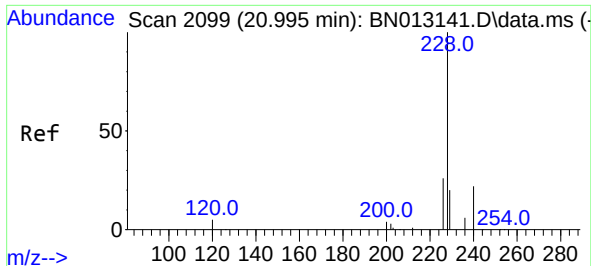
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#31
Terphenyl-d14
Concen: 0.37 ng
RT: 19.432 min Scan# 1890
Delta R.T. -0.015 min
Lab File: BN013215.D
Acq: 18 Dec 2020 19:05

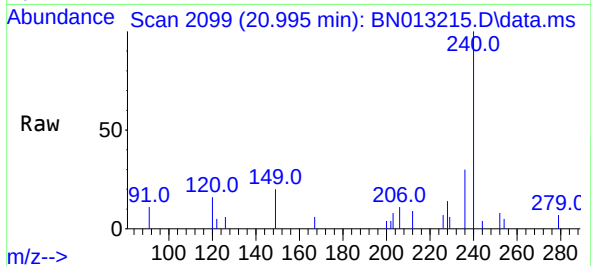
Tgt Ion:244 Resp: 2693
Ion Ratio Lower Upper
244 100
212 11.5 7.3 10.9#
122 11.6 7.3 10.9#





#32
Benzo(a)anthracene
Concen: 0.03 ng
RT: 20.995 min Scan# 2099
Delta R.T. -0.000 min
Lab File: BN013215.D
Acq: 18 Dec 2020 19:05

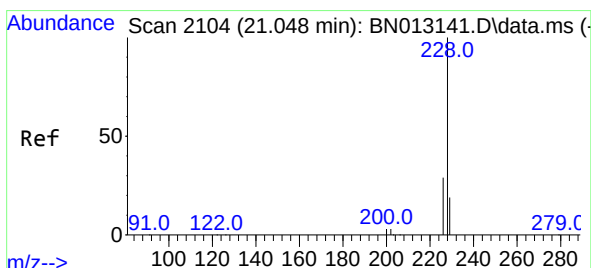
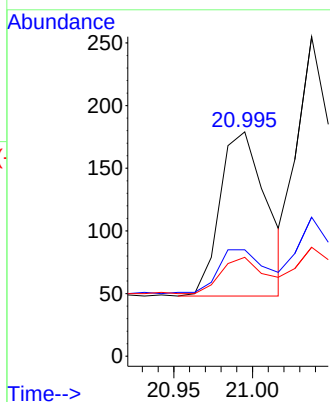
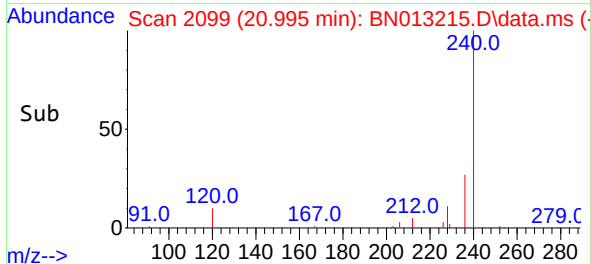
Instrument :
BNA_N
ClientSampleId :
TT180D1-20201214



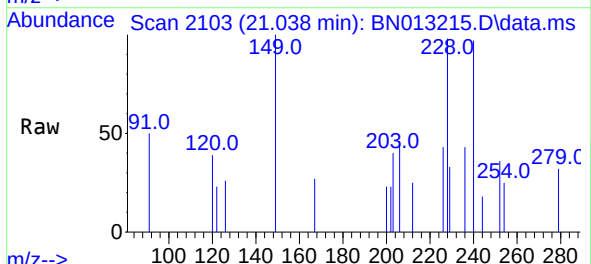
Tgt Ion:228 Resp: 270
Ion Ratio Lower Upper
228 100
226 47.5 22.3 33.5#
229 44.1 15.7 23.5#

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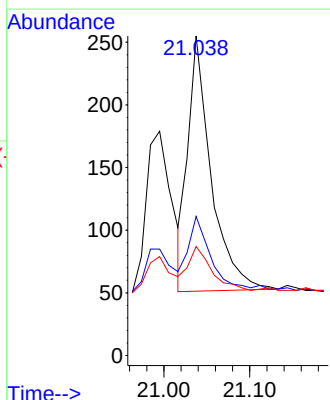
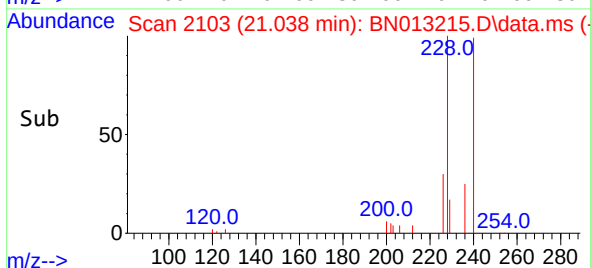
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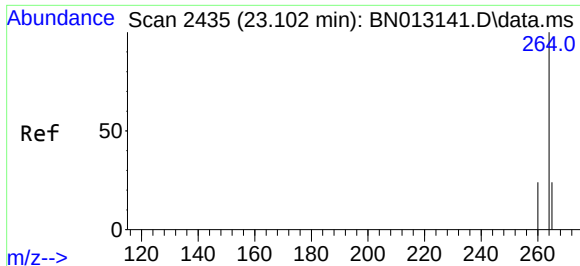


#33
Chrysene
Concen: 0.04 ng
RT: 21.038 min Scan# 2103
Delta R.T. -0.000 min
Lab File: BN013215.D
Acq: 18 Dec 2020 19:05

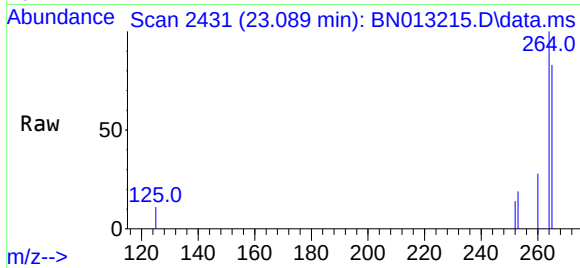


Tgt Ion:228 Resp: 381
Ion Ratio Lower Upper
228 100
226 43.5 24.2 36.2#
229 34.1 15.7 23.5#

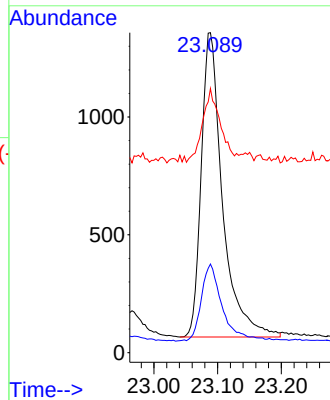
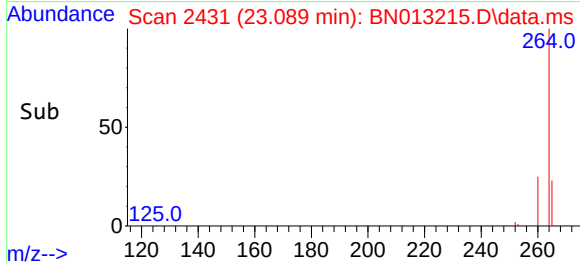




#36
Perylene-d12
Concen: 0.40 ng
RT: 23.089 min Scan# 2431
Delta R.T. -0.007 min
Lab File: BN013215.D
Acq: 18 Dec 2020 19:05



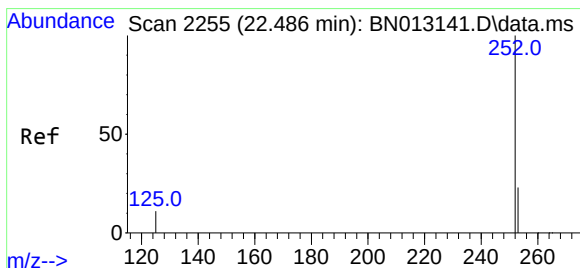
Tgt Ion:264 Resp: 2998
Ion Ratio Lower Upper
264 100
260 27.7 19.8 29.6
265 82.5 51.4 77.0#



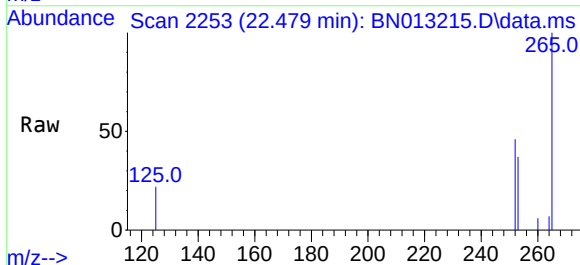
Instrument :
BNA_N
ClientSampleId :
TT180D1-20201214

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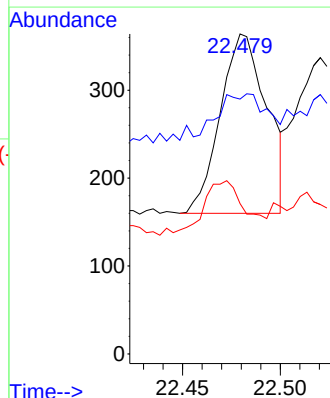
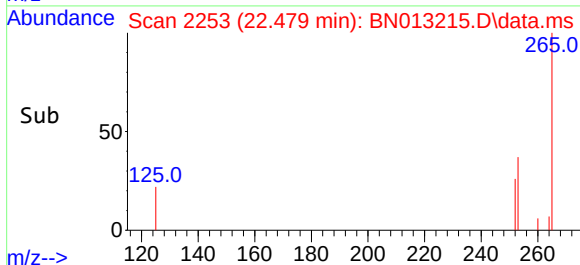
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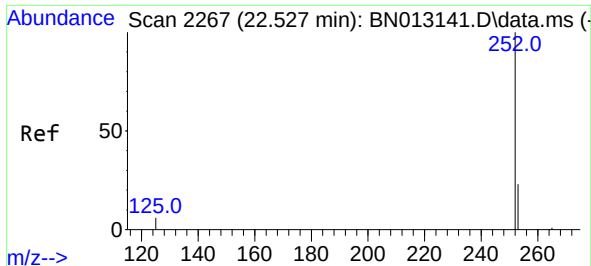


#37
Benzo(b)fluoranthene
Concen: 0.03 ng
RT: 22.479 min Scan# 2253
Delta R.T. -0.000 min
Lab File: BN013215.D
Acq: 18 Dec 2020 19:05



Tgt Ion:252 Resp: 337
Ion Ratio Lower Upper
252 100
253 79.7 20.1 30.1#
125 47.0 7.2 10.8#





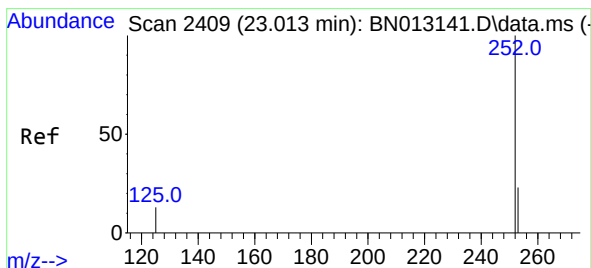
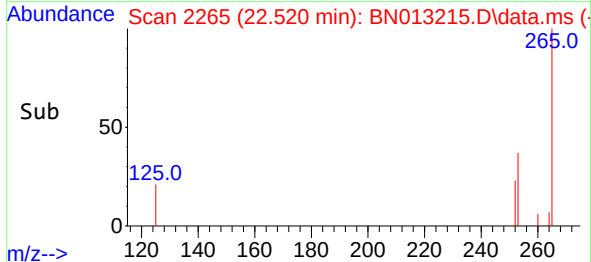
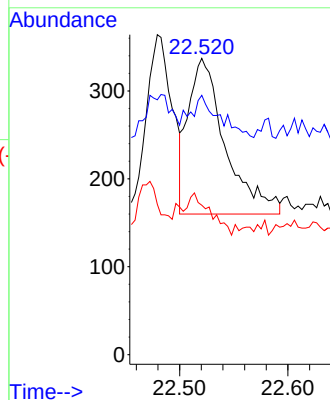
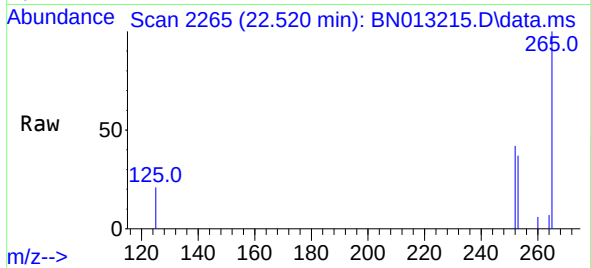
#38
Benzo(k)fluoranthene
Concen: 0.03 ng m
RT: 22.520 min Scan# 2265
Delta R.T. 0.003 min
Lab File: BN013215.D
Acq: 18 Dec 2020 19:05

Tgt Ion:252 Resp: 421
Ion Ratio Lower Upper
252 100
253 87.5 19.8 29.8#
125 50.4 7.1 10.7#

Instrument :
BNA_N
ClientSampleId :
TT180D1-20201214

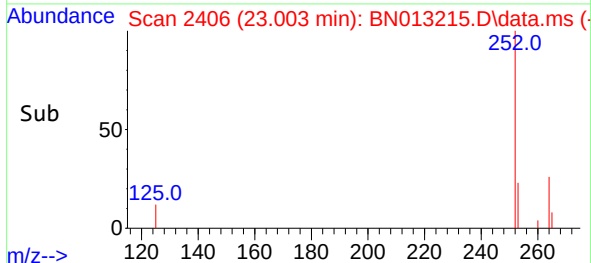
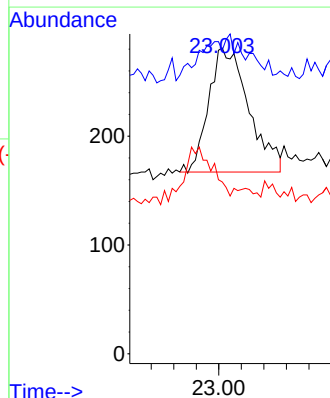
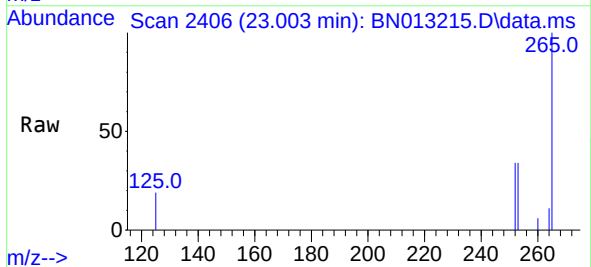
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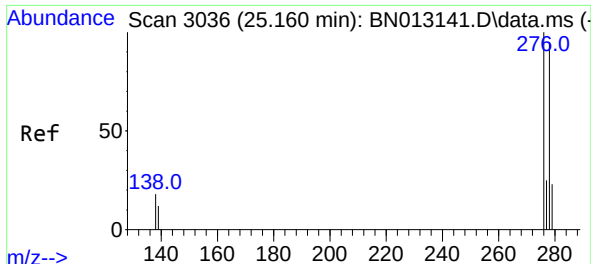
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#39
Benzo(a)pyrene
Concen: 0.03 ng
RT: 23.003 min Scan# 2406
Delta R.T. -0.003 min
Lab File: BN013215.D
Acq: 18 Dec 2020 19:05

Tgt Ion:252 Resp: 282
Ion Ratio Lower Upper
252 100
253 99.3 21.3 31.9#
125 56.2 8.3 12.5#





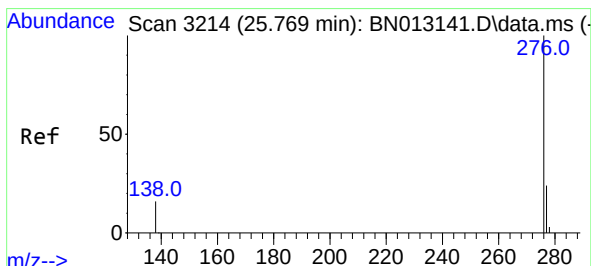
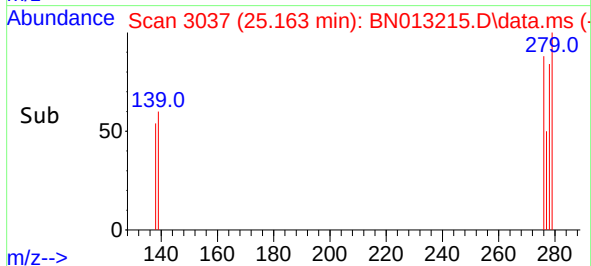
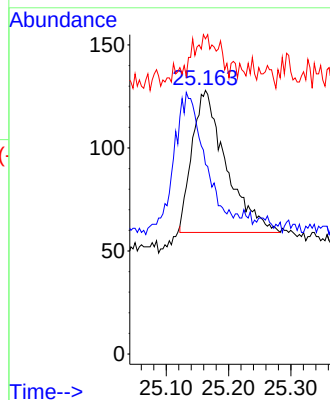
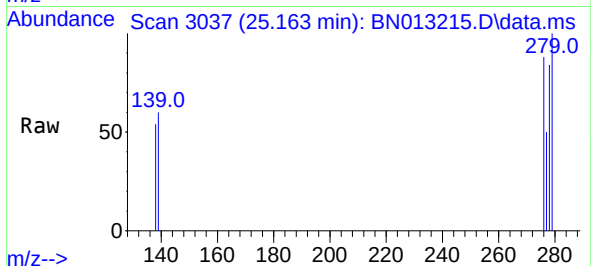
#40
Dibenzo(a,h)anthracene
Concen: 0.02 ng
RT: 25.163 min Scan# 3037
Delta R.T. 0.010 min
Lab File: BN013215.D
Acq: 18 Dec 2020 19:05

Tgt Ion: 278 Resp: 261
Ion Ratio Lower Upper
278 100
139 71.9 9.3 13.9#
279 119.5 21.6 32.4#

Instrument :
BNA_N
ClientSampleId :
TT180D1-20201214

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#41
Benzo(g,h,i)perylene
Concen: 0.04 ng
RT: 25.772 min Scan# 3215
Delta R.T. 0.024 min
Lab File: BN013215.D
Acq: 18 Dec 2020 19:05

Tgt Ion: 276 Resp: 427
Ion Ratio Lower Upper
276 100
277 57.6 19.8 29.8#
138 48.7 11.7 17.5#

