

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033122\
 Data File : BN019293.D
 Acq On : 01 Apr 2022 18:32
 Operator : CG/JU
 Sample : N2220-16
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A09015

Quant Time: Apr 01 21:58:42 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN033122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 31 12:41:03 2022
 Response via : Initial Calibration

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

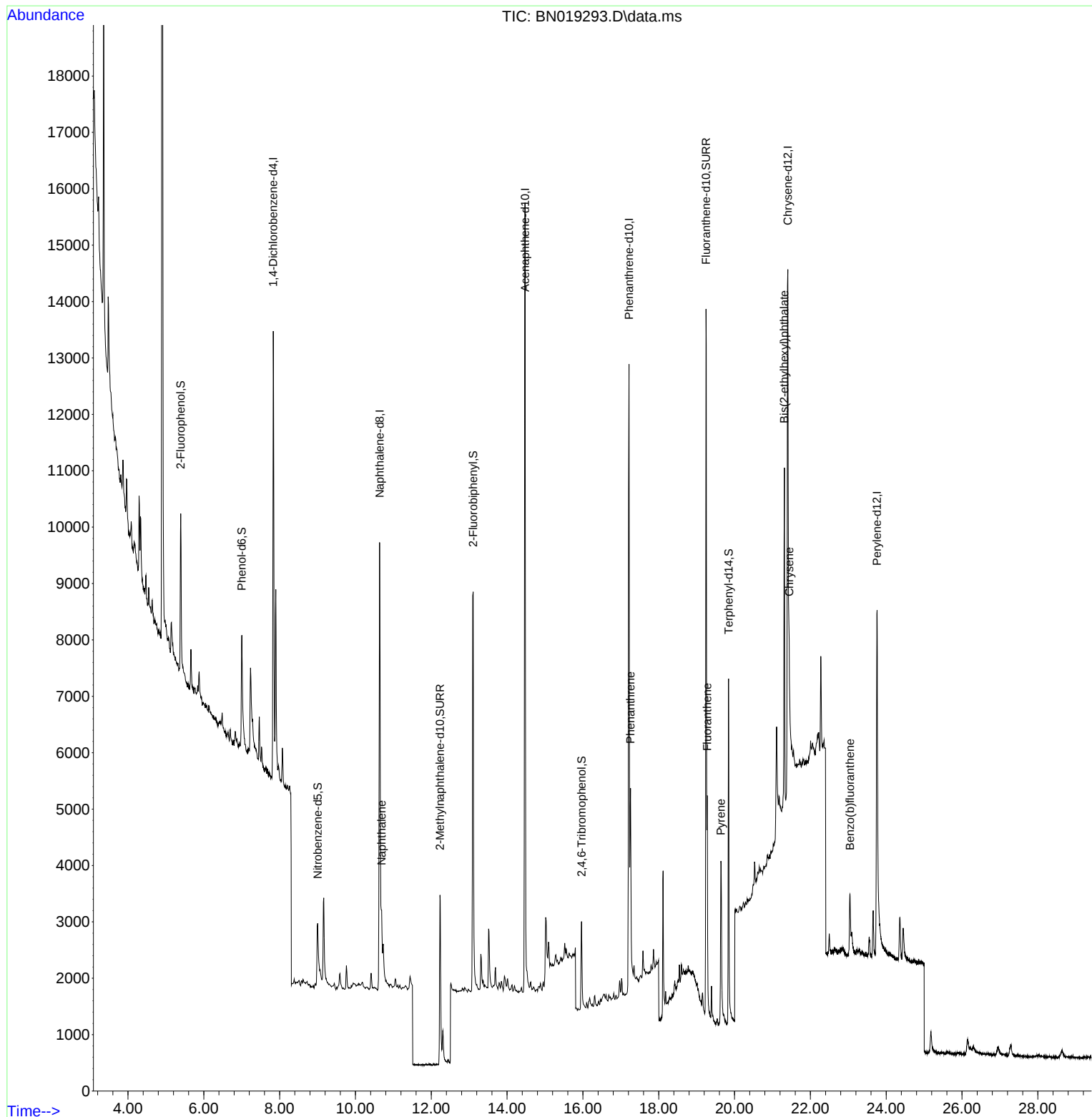
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.833	152	4550	0.400	ng	0.00
7) Naphthalene-d8	10.637	136	12989	0.400	ng	# 0.00
13) Acenaphthene-d10	14.474	164	8545	0.400	ng	0.00
19) Phenanthrene-d10	17.215	188	17799	0.400	ng	0.00
29) Chrysene-d12	21.404	240	13572	0.400	ng	# 0.00
35) Perylene-d12	23.758	264	11379	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.391	112	2681	0.269	ng	0.00
5) Phenol-d6	7.002	99	2496	0.236	ng	0.00
8) Nitrobenzene-d5	9.003	82	1780	0.191	ng	0.01
11) 2-Methylnaphthalene-d10	12.231	152	5447	0.264	ng	0.00
14) 2,4,6-Tribromophenol	15.964	330	1084	0.271	ng	0.00
15) 2-Fluorobiphenyl	13.105	172	7775	0.227	ng	0.00
27) Fluoranthene-d10	19.248	212	13657	0.255	ng	0.00
31) Terphenyl-d14	19.843	244	8044	0.266	ng	0.00
Target Compounds						
						Qvalue
9) Naphthalene	10.690	128	1627	0.043	ng	# 81
25) Phenanthrene	17.256	178	3737	0.067	ng	98
28) Fluoranthene	19.278	202	2918	0.044	ng	# 92
30) Pyrene	19.636	202	2290	0.034	ng	# 91
33) Chrysene	21.440	228	1381	0.025	ng	# 70
34) Bis(2-ethylhexyl)phtha...	21.315	149	6001	0.211	ng	# 100
37) Benzo(b)fluoranthene	23.042	252	1111	0.026	ng	# 1

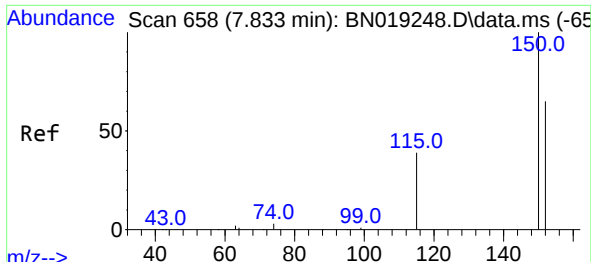
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033122\
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Misc :
ALS Vial : 15 Sample Multiplier: 1

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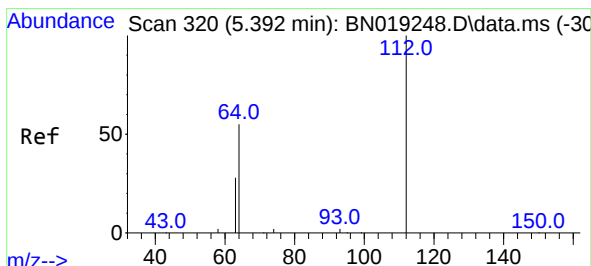
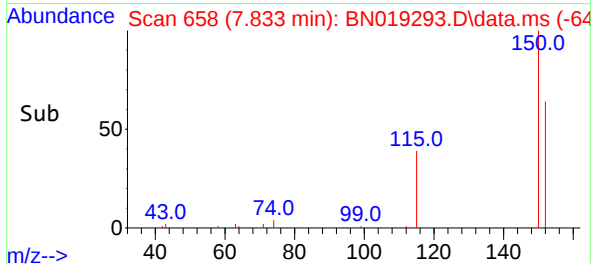
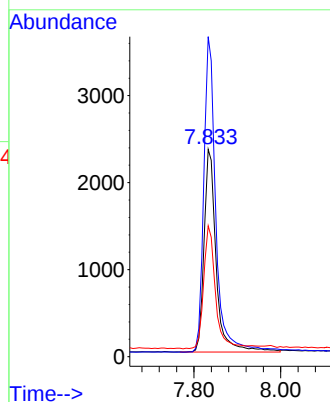
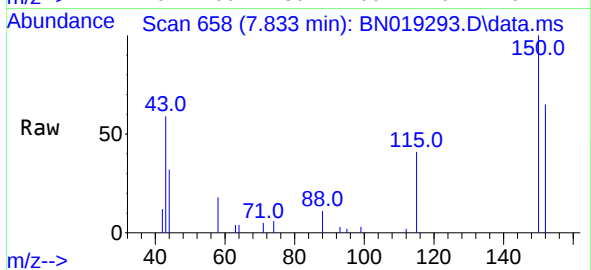




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.833 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN019293.D
Acq: 01 Apr 2022 18:32

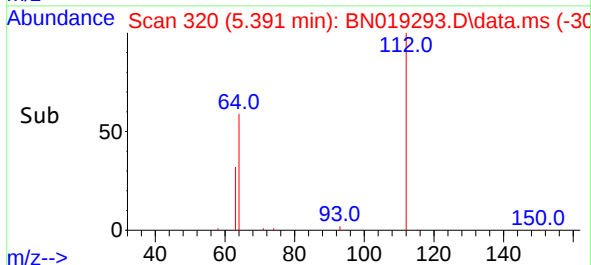
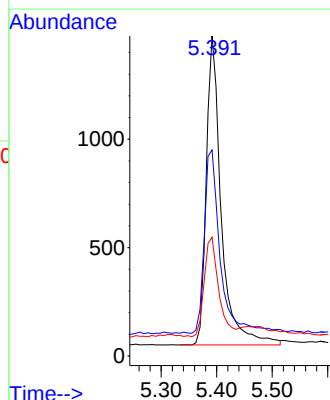
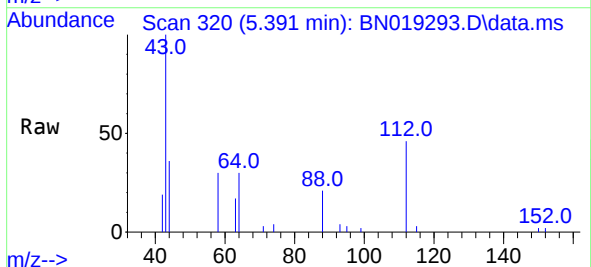
Instrument :
BNA_N
ClientSampleId :
A09015

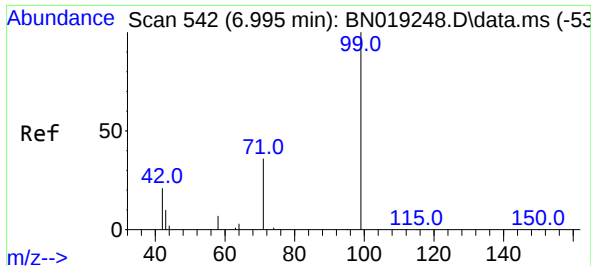
Tgt Ion:152 Resp: 4550
Ion Ratio Lower Upper
152 100
150 154.3 123.9 185.9
115 63.2 48.2 72.4



#4
2-Fluorophenol
Concen: 0.269 ng
RT: 5.391 min Scan# 320
Delta R.T. -0.000 min
Lab File: BN019293.D
Acq: 01 Apr 2022 18:32

Tgt Ion:112 Resp: 2681
Ion Ratio Lower Upper
112 100
64 62.8 47.8 71.8
63 31.2 25.7 38.5

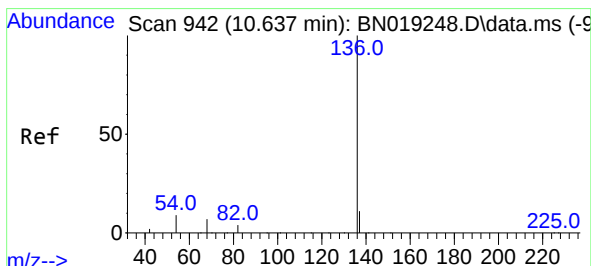
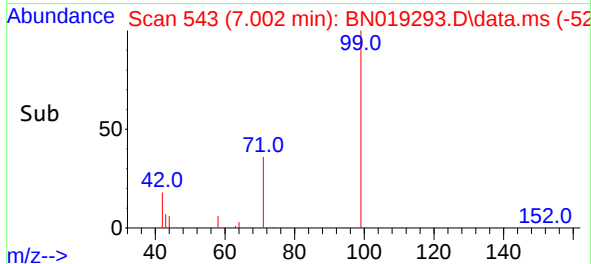
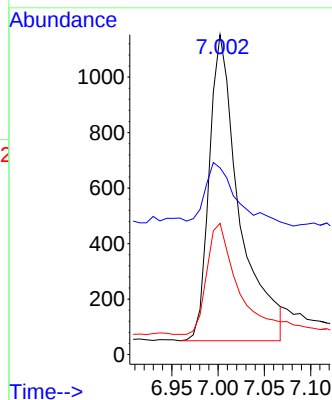
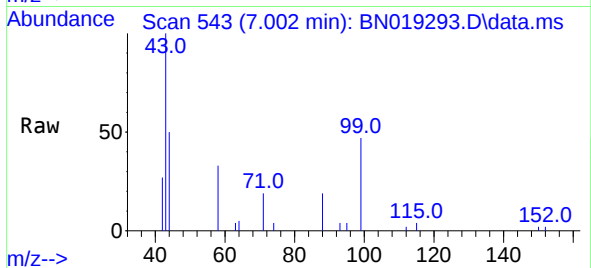




#5
Phenol-d6
Concen: 0.236 ng
RT: 7.002 min Scan# 54
Delta R.T. 0.007 min
Lab File: BN019293.D
Acq: 01 Apr 2022 18:32

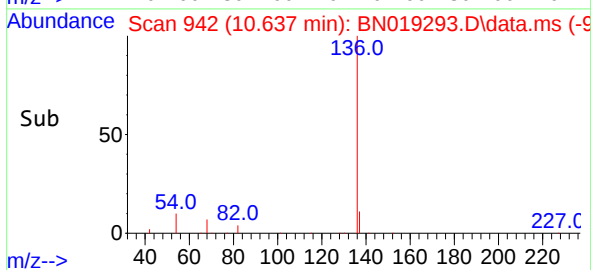
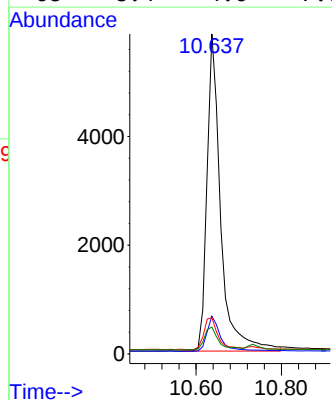
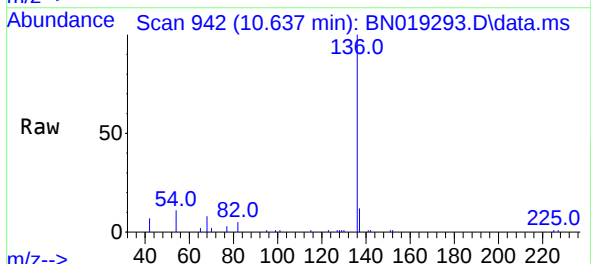
Instrument :
BNA_N
ClientSampleId :
A09015

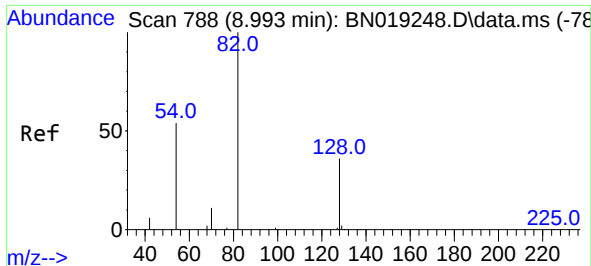
Tgt Ion: 99 Resp: 2496
Ion Ratio Lower Upper
99 100
42 18.6 16.2 24.4
71 37.2 27.7 41.5



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 942
Delta R.T. -0.000 min
Lab File: BN019293.D
Acq: 01 Apr 2022 18:32

Tgt Ion: 136 Resp: 12989
Ion Ratio Lower Upper
136 100
137 11.8 9.0 13.4
54 11.3 5.8 8.6#
68 8.4 4.6 7.0#

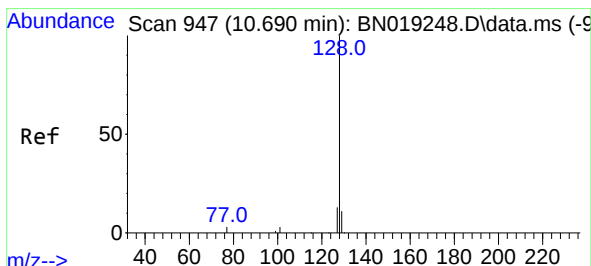
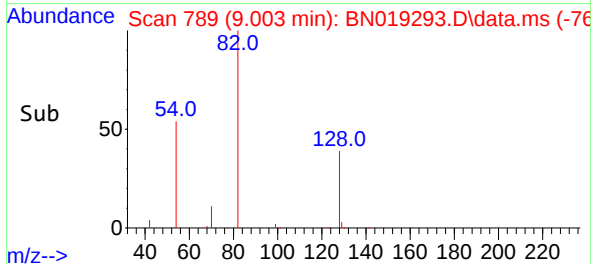
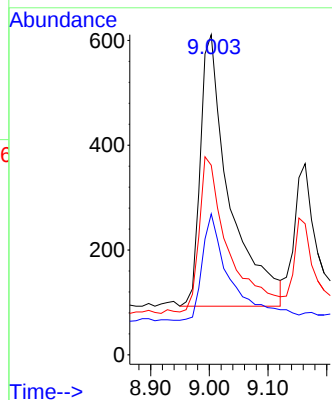
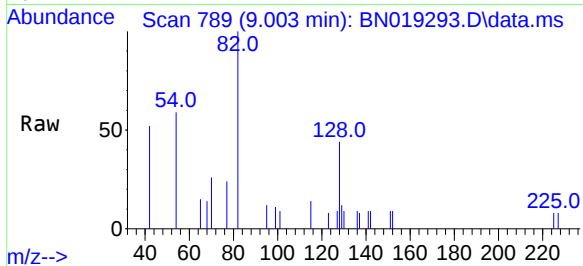




#8
Nitrobenzene-d5
Concen: 0.191 ng
RT: 9.003 min Scan# 789
Delta R.T. 0.010 min
Lab File: BN019293.D
Acq: 01 Apr 2022 18:32

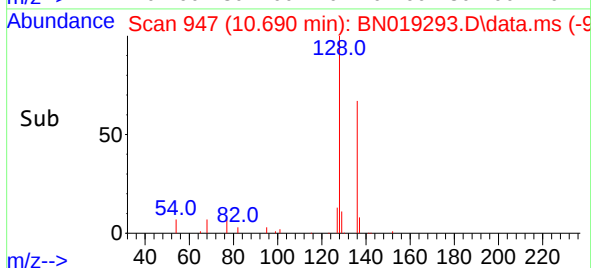
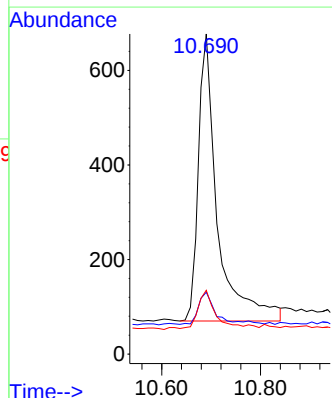
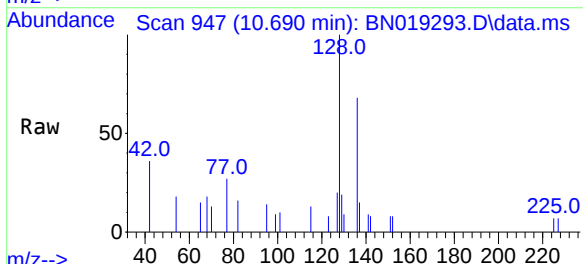
Instrument :
BNA_N
ClientSampleId :
A09015

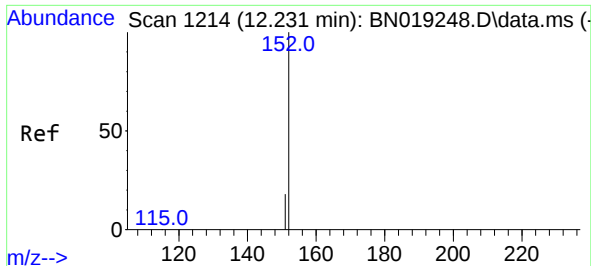
Tgt Ion: 82 Resp: 1780
Ion Ratio Lower Upper
82 100
128 44.0 33.0 49.6
54 59.2 42.5 63.7



#9
Naphthalene
Concen: 0.043 ng
RT: 10.690 min Scan# 947
Delta R.T. -0.000 min
Lab File: BN019293.D
Acq: 01 Apr 2022 18:32

Tgt Ion: 128 Resp: 1627
Ion Ratio Lower Upper
128 100
129 19.4 9.0 13.4#
127 19.9 10.7 16.1#

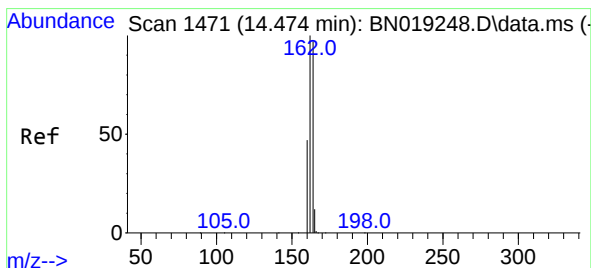
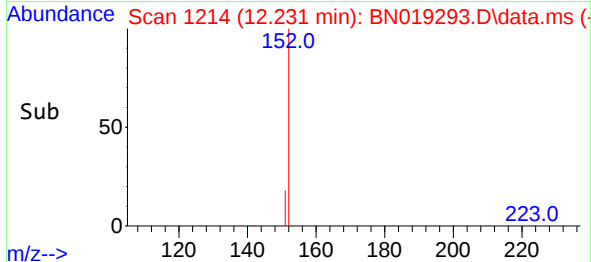
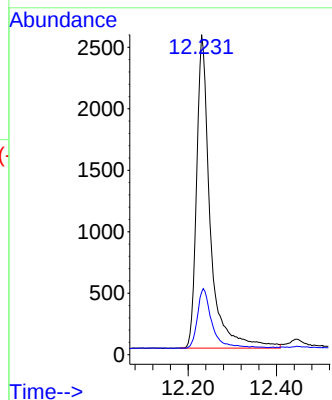
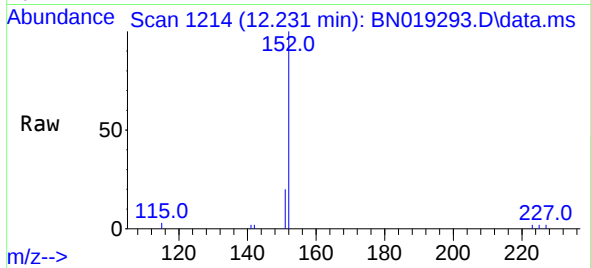




#11
2-Methylnaphthalene-d10
Concen: 0.264 ng
RT: 12.231 min Scan# 1214
Delta R.T. -0.000 min
Lab File: BN019293.D
Acq: 01 Apr 2022 18:32

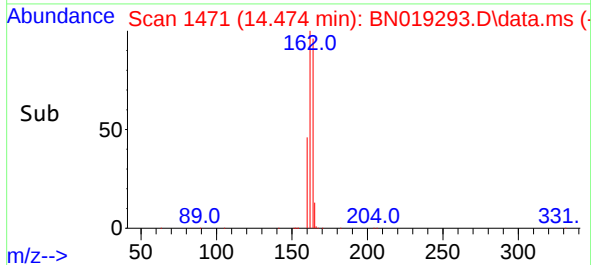
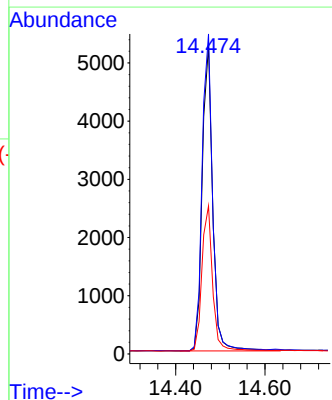
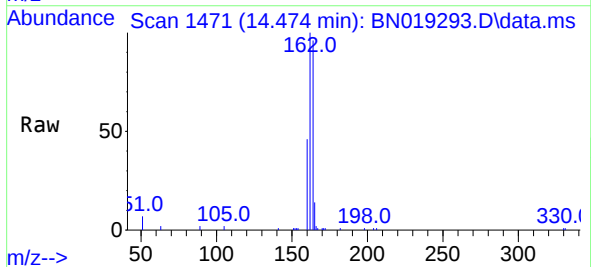
Instrument :
BNA_N
ClientSampleId :
A09015

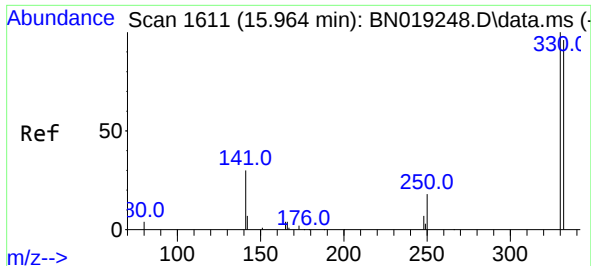
Tgt Ion:152 Resp: 5447
Ion Ratio Lower Upper
152 100
151 20.2 16.5 24.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.474 min Scan# 1471
Delta R.T. -0.000 min
Lab File: BN019293.D
Acq: 01 Apr 2022 18:32

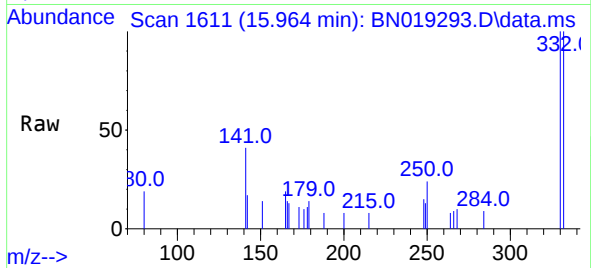
Tgt Ion:164 Resp: 8545
Ion Ratio Lower Upper
164 100
162 103.8 85.2 127.8
160 48.0 41.5 62.3



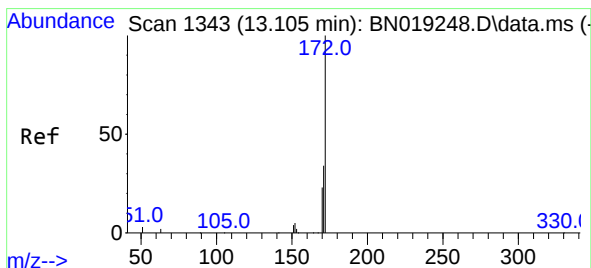
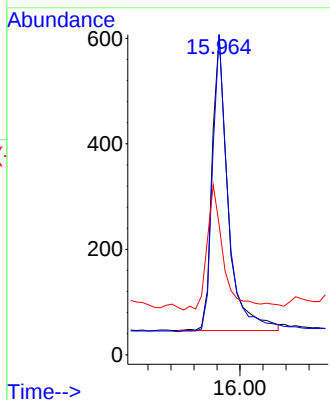
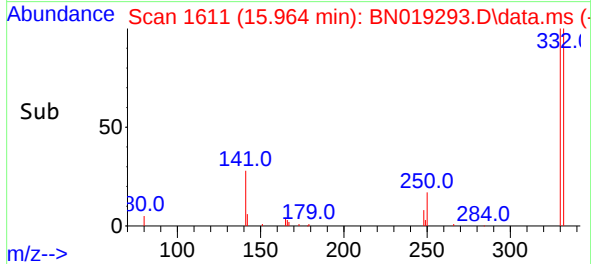


#14
2,4,6-Tribromophenol
Concen: 0.271 ng
RT: 15.964 min Scan# 1611
Delta R.T. -0.000 min
Lab File: BN019293.D
Acq: 01 Apr 2022 18:32

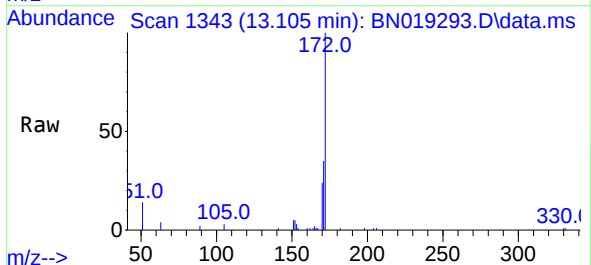
Instrument :
BNA_N
ClientSampleId :
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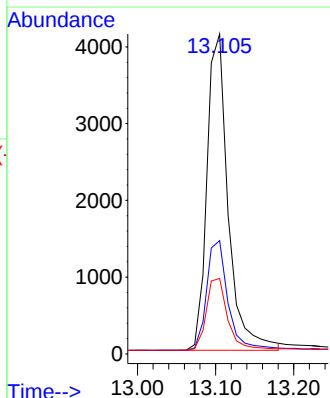
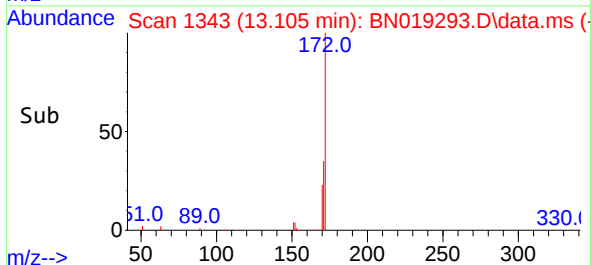
Tgt Ion:330 Resp: 1084
Ion Ratio Lower Upper
330 100
332 98.6 76.8 115.2
141 45.4 32.2 48.2

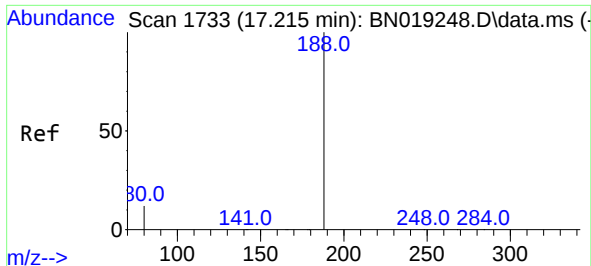


#15
2-Fluorobiphenyl
Concen: 0.227 ng
RT: 13.105 min Scan# 1343
Delta R.T. -0.000 min
Lab File: BN019293.D
Acq: 01 Apr 2022 18:32



Tgt Ion:172 Resp: 7775
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.2
170 23.6 18.7 28.1

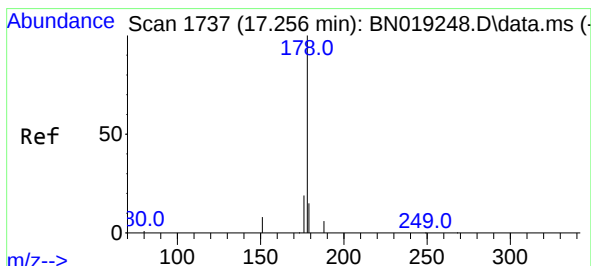
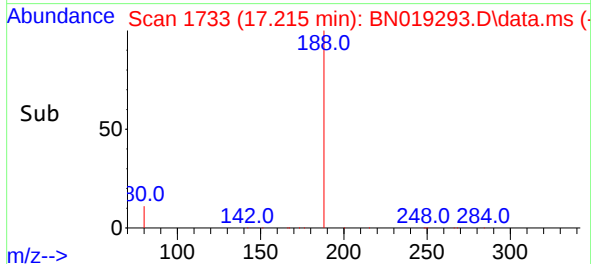
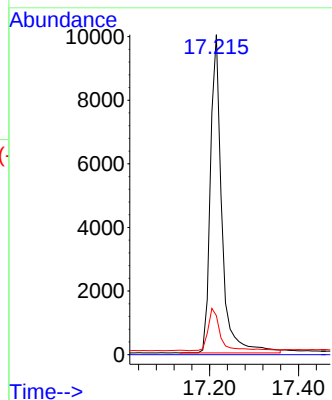
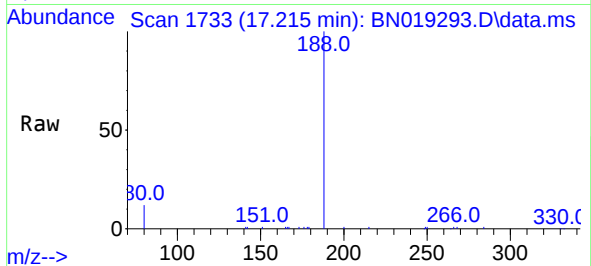




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.215 min Scan# 1733
Delta R.T. 0.000 min
Lab File: BN019293.D
Acq: 01 Apr 2022 18:32

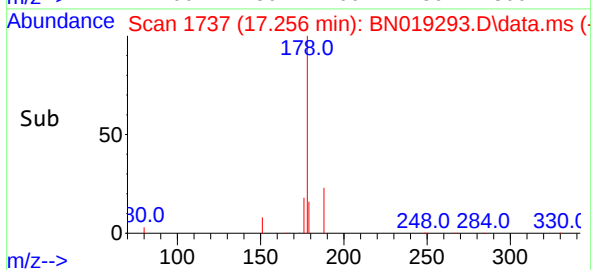
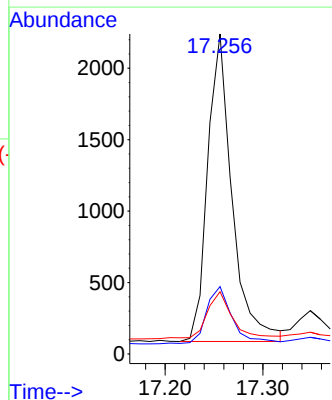
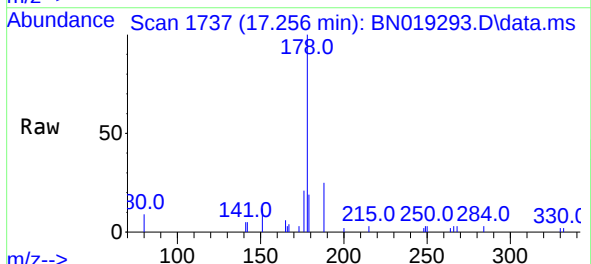
Instrument :
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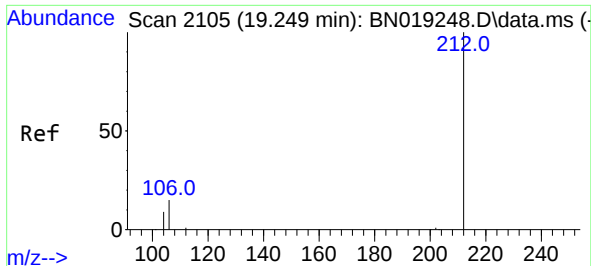
Tgt Ion:188 Resp: 17799
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.2 11.8 17.8



#25
Phenanthrene
Concen: 0.067 ng
RT: 17.256 min Scan# 1737
Delta R.T. -0.000 min
Lab File: BN019293.D
Acq: 01 Apr 2022 18:32

Tgt Ion:178 Resp: 3737
Ion Ratio Lower Upper
178 100
176 19.9 15.4 23.0
179 16.8 12.2 18.2

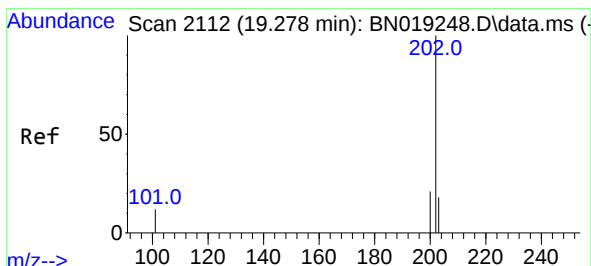
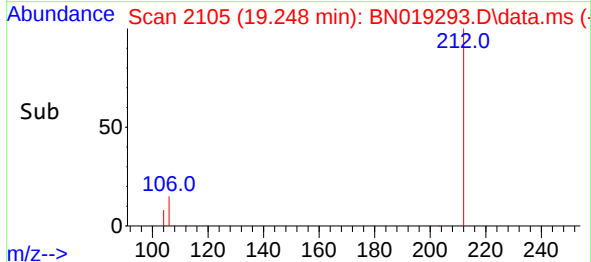
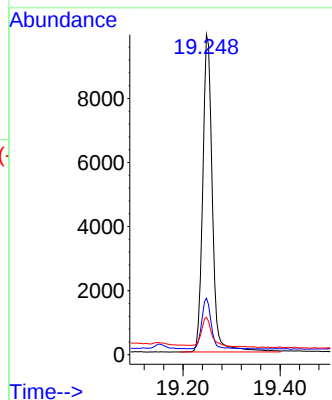
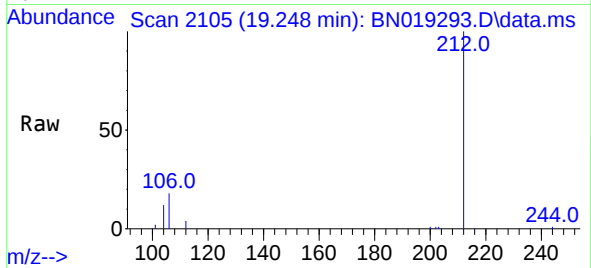




#27
Fluoranthene-d10
Concen: 0.255 ng
RT: 19.248 min Scan# 2105
Delta R.T. -0.000 min
Lab File: BN019293.D
Acq: 01 Apr 2022 18:32

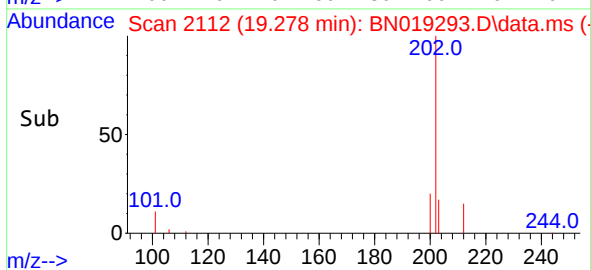
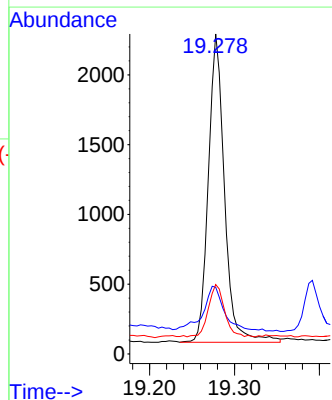
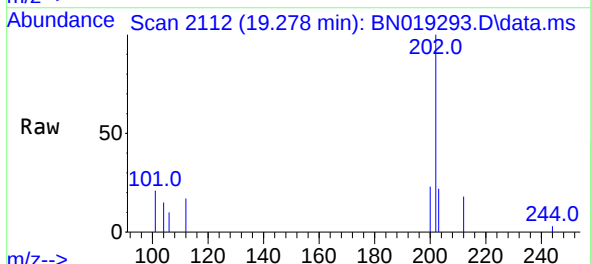
Instrument :
BNA_N
ClientSampleId :
A09015

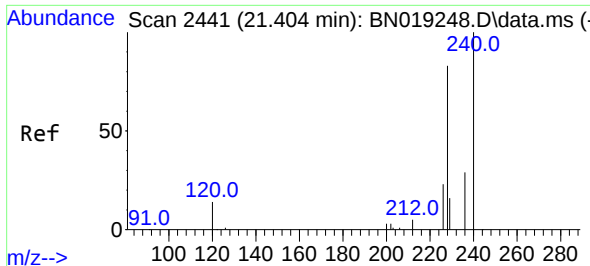
Tgt Ion:212 Resp: 13657
Ion Ratio Lower Upper
212 100
106 15.6 12.7 19.1
104 9.7 7.1 10.7



#28
Fluoranthene
Concen: 0.044 ng
RT: 19.278 min Scan# 2112
Delta R.T. -0.000 min
Lab File: BN019293.D
Acq: 01 Apr 2022 18:32

Tgt Ion:202 Resp: 2918
Ion Ratio Lower Upper
202 100
101 19.3 9.8 14.6#
203 17.1 13.7 20.5

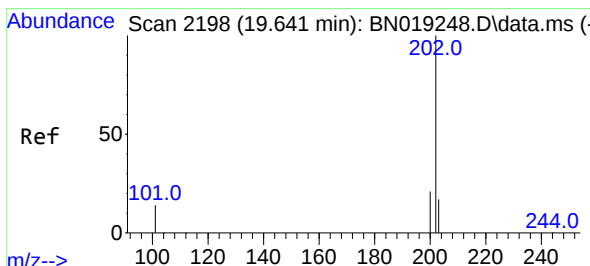
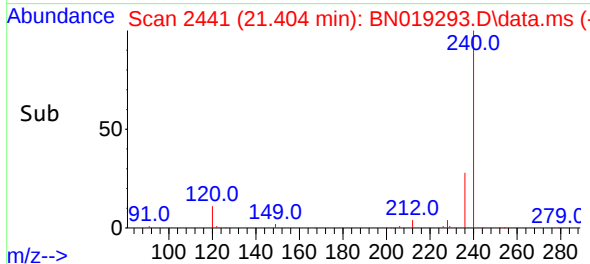
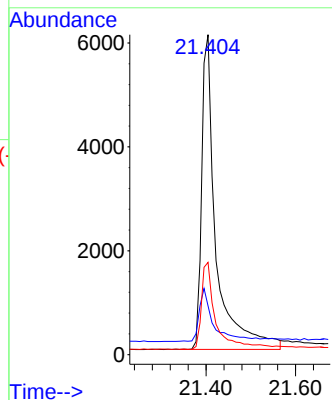
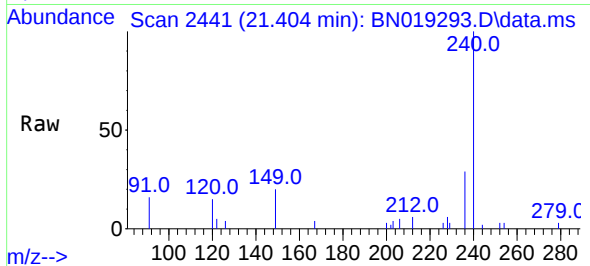




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.404 min Scan# 2441
Delta R.T. -0.000 min
Lab File: BN019293.D
Acq: 01 Apr 2022 18:32

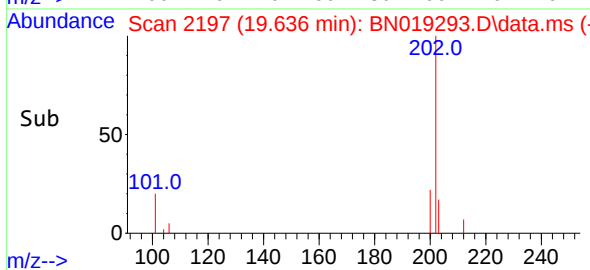
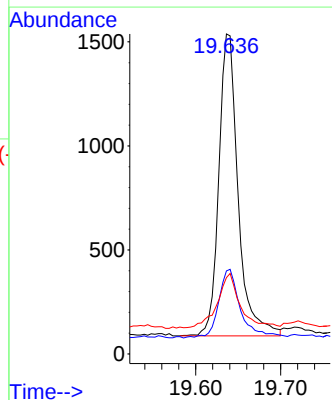
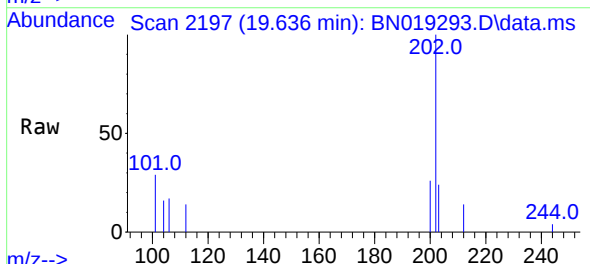
Instrument :
BNA_N
ClientSampleId :
A09015

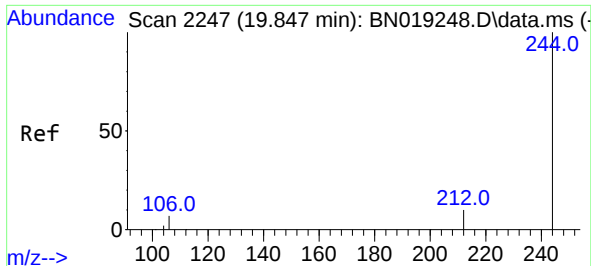
Tgt Ion:240 Resp: 13572
Ion Ratio Lower Upper
240 100
120 15.3 8.5 12.7#
236 28.9 22.4 33.6



#30
Pyrene
Concen: 0.034 ng
RT: 19.636 min Scan# 2197
Delta R.T. -0.004 min
Lab File: BN019293.D
Acq: 01 Apr 2022 18:32

Tgt Ion:202 Resp: 2290
Ion Ratio Lower Upper
202 100
200 26.0 16.9 25.3#
203 21.2 14.2 21.2

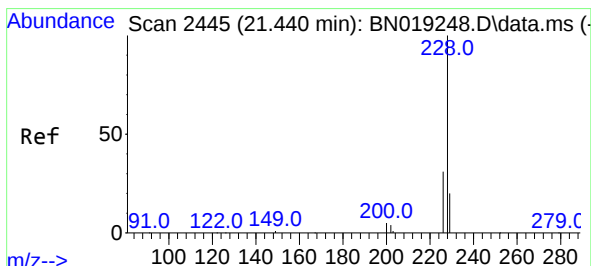
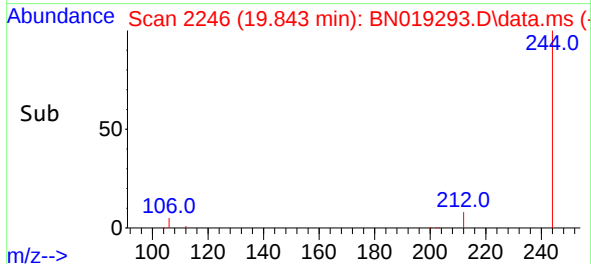
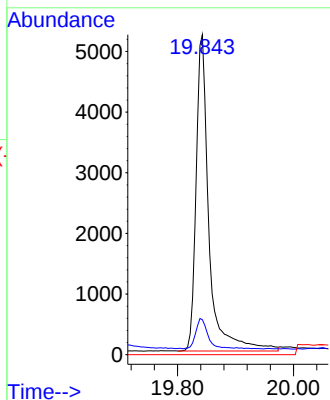
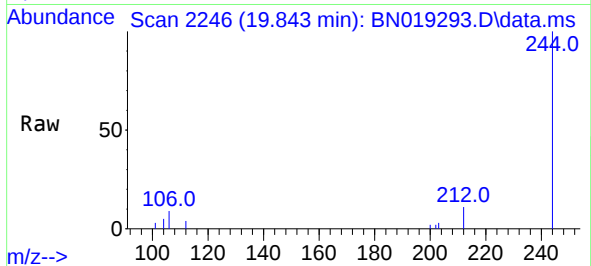




#31
Terphenyl-d14
Concen: 0.266 ng
RT: 19.843 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN019293.D
Acq: 01 Apr 2022 18:32

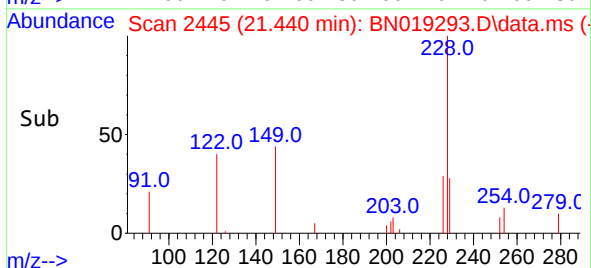
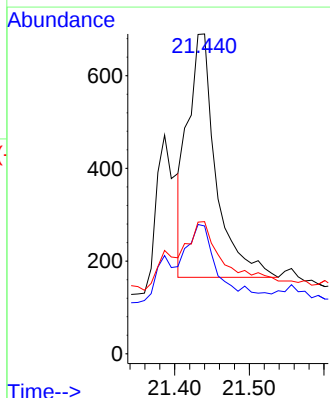
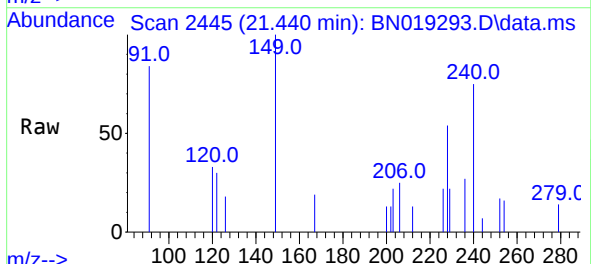
Instrument :
BNA_N
ClientSampleId :
A09015

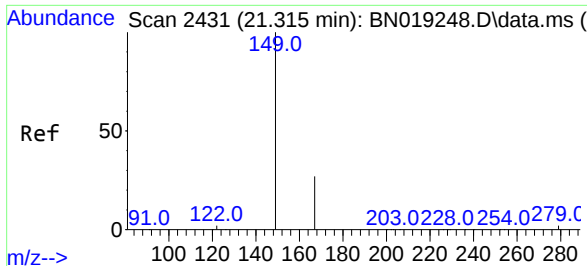
Tgt Ion:244 Resp: 8044
Ion Ratio Lower Upper
244 100
212 11.0 8.2 12.4
122 0.0 0.0 0.0



#33
Chrysene
Concen: 0.025 ng
RT: 21.440 min Scan# 2445
Delta R.T. -0.000 min
Lab File: BN019293.D
Acq: 01 Apr 2022 18:32

Tgt Ion:228 Resp: 1381
Ion Ratio Lower Upper
228 100
226 40.0 24.0 36.0#
229 41.3 15.9 23.9#

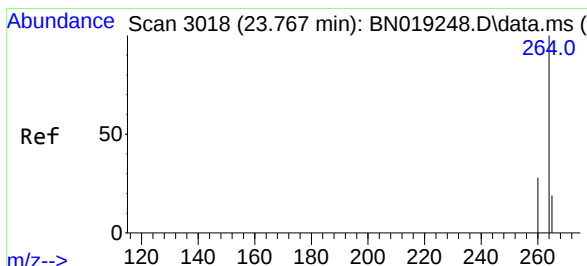
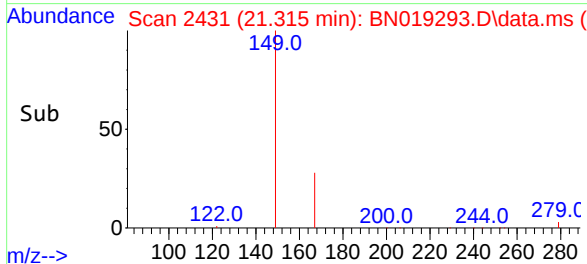
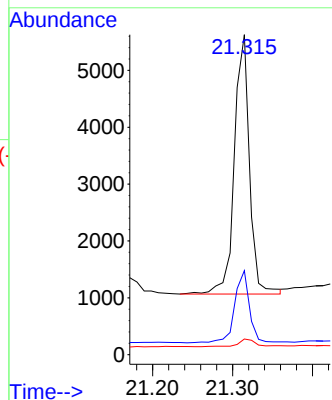
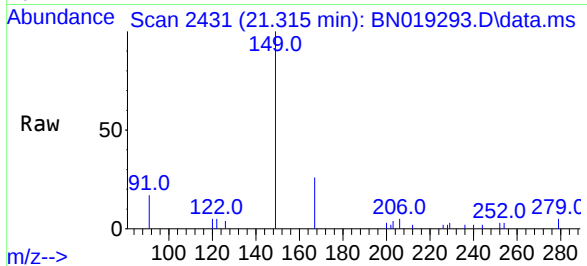




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.211 ng
RT: 21.315 min Scan# 2431
Delta R.T. -0.000 min
Lab File: BN019293.D
Acq: 01 Apr 2022 18:32

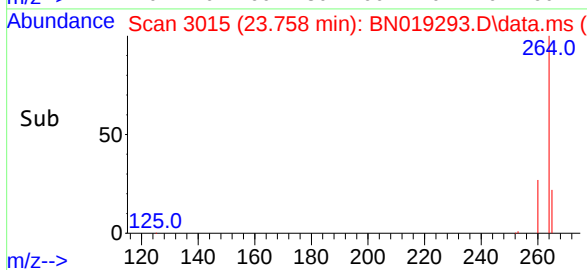
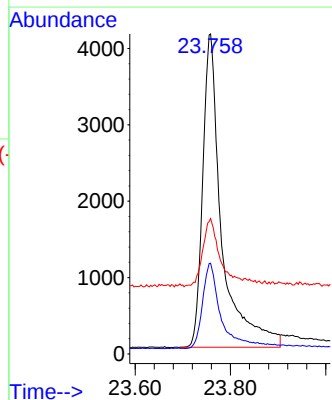
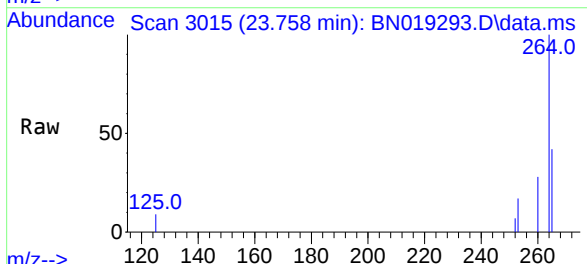
Instrument :
BNA_N
ClientSampleId :
A09015

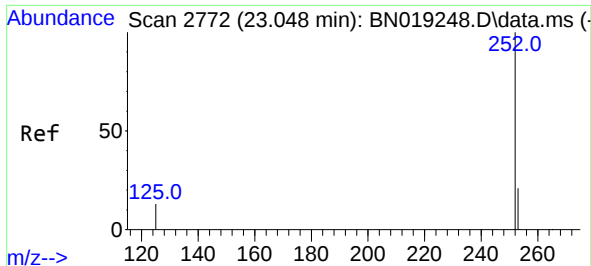
Tgt Ion:149 Resp: 6001
Ion Ratio Lower Upper
149 100
167 27.2 21.8 32.8
279 3.6 2.0 3.0#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.758 min Scan# 3015
Delta R.T. -0.009 min
Lab File: BN019293.D
Acq: 01 Apr 2022 18:32

Tgt Ion:264 Resp: 11379
Ion Ratio Lower Upper
264 100
260 28.4 22.4 33.6
265 42.3 25.3 37.9#





#37

Benzo(b)fluoranthene

Concen: 0.026 ng

RT: 23.042 min Scan# 21

Delta R.T. -0.006 min

Lab File: BN019293.D

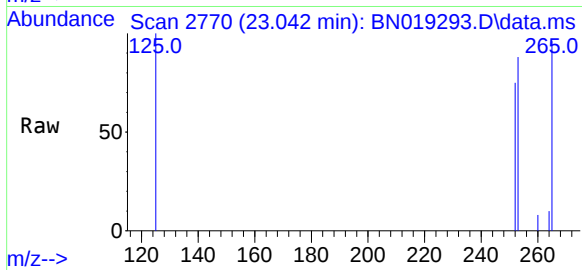
Acq: 01 Apr 2022 18:32

Instrument :

BNA_N

ClientSampleId :

A09015



Tgt Ion:252 Resp: 1111

Ion Ratio Lower Upper

252 100

253 118.6 18.9 28.3#

125 134.1 12.1 18.1#

