

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091022\
 Data File : BN021695.D
 Acq On : 10 Sep 2022 12:47
 Operator : CG/JU
 Sample : N4492-15
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BR-02-123-143-090122-H

Quant Time: Sep 12 01:08:53 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 09 23:19:14 2022
 Response via : Initial Calibration

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

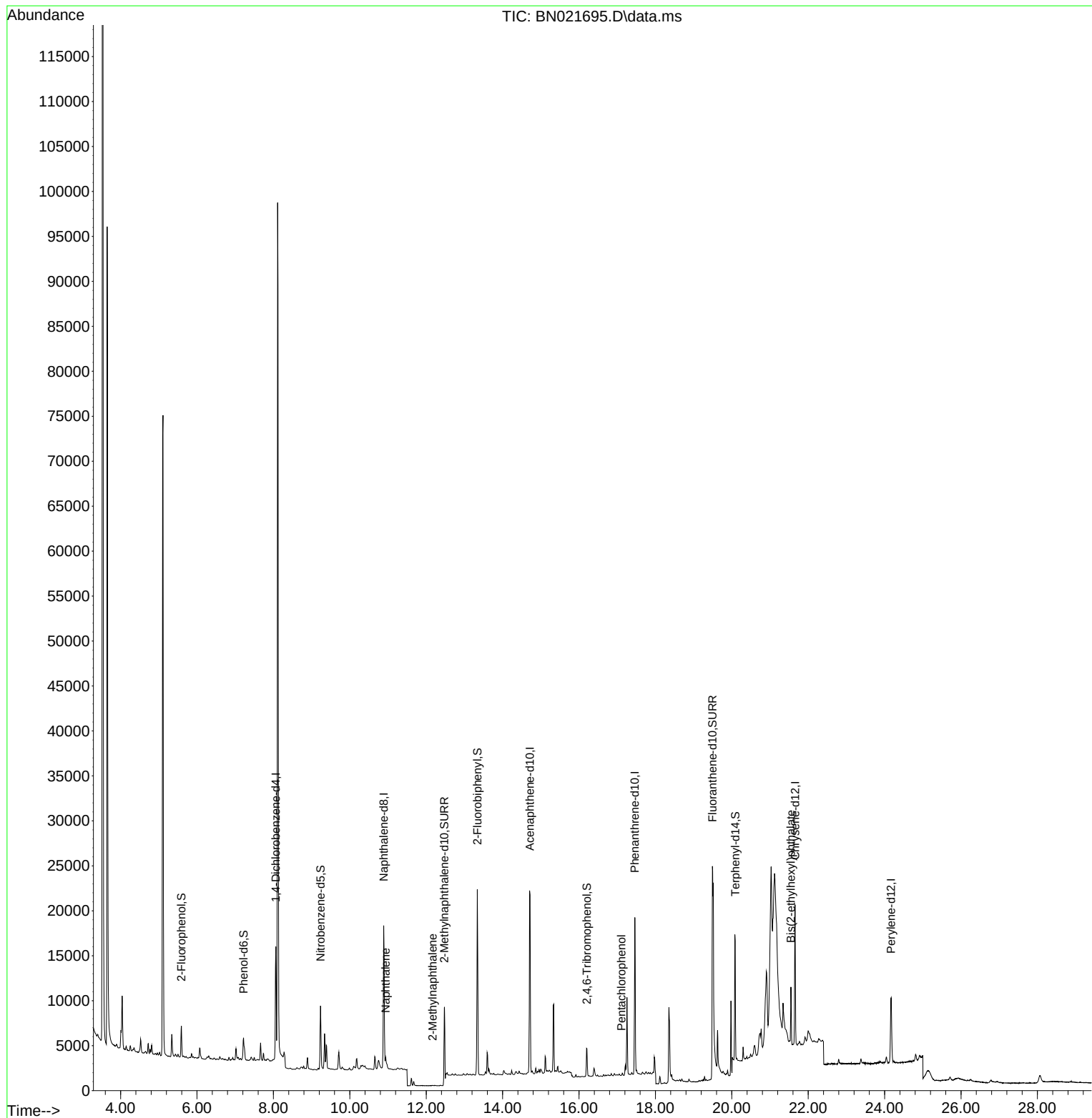
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.062	152	6271	0.400	ng	0.00
7) Naphthalene-d8	10.888	136	20756	0.400	ng	-0.01
13) Acenaphthene-d10	14.718	164	11711	0.400	ng	0.00
19) Phenanthrene-d10	17.460	188	22908	0.400	ng	#-0.01
29) Chrysene-d12	21.655	240	13955	0.400	ng	# 0.00
35) Perylene-d12	24.170	264	11064	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.592	112	2824	0.230	ng	0.00
5) Phenol-d6	7.217	99	2361	0.151	ng	0.00
8) Nitrobenzene-d5	9.233	82	5761	0.411	ng	0.00
11) 2-Methylnaphthalene-d10	12.475	152	17829	0.381	ng	0.00
14) 2,4,6-Tribromophenol	16.208	330	1841	0.479	ng	0.00
15) 2-Fluorobiphenyl	13.339	172	17230	0.337	ng	0.00
27) Fluoranthene-d10	19.493	212	23467	0.398	ng	0.00
31) Terphenyl-d14	20.088	244	13029	0.415	ng	0.00
Target Compounds						
9) Naphthalene	10.941	128	1516	0.025	ng	# 84
12) 2-Methylnaphthalene	12.168	142	12	0.128	ng	# 1
24) Pentachlorophenol	17.111	266	25	0.207	ng	# 49
34) Bis(2-ethylhexyl)phtha...	21.548	149	5938	0.303	ng	100

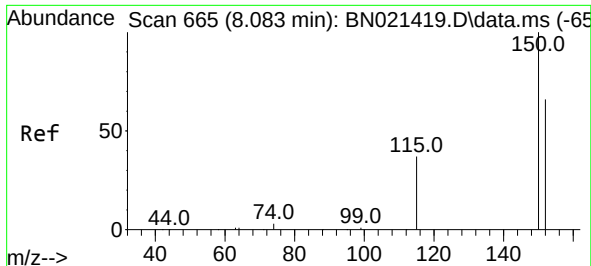
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BR-02-123-143-090122-H

Quant Time: Sep 12 01:08:53 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 09 23:19:14 2022
Response via : Initial Calibration

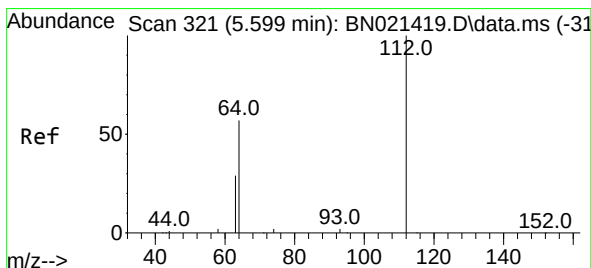
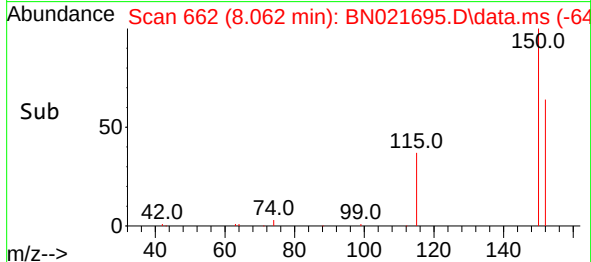
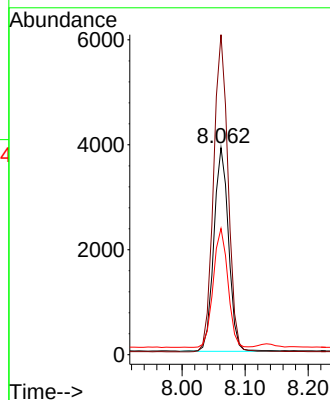
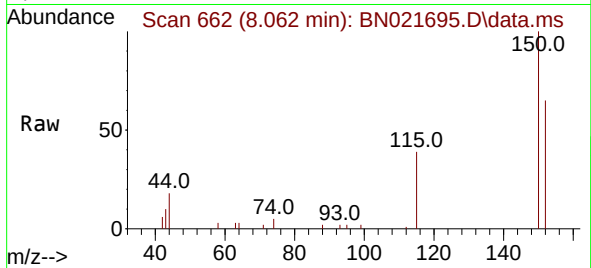




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.062 min Scan# 60
Delta R.T. -0.000 min
Lab File: BN021695.D
Acq: 10 Sep 2022 12:47

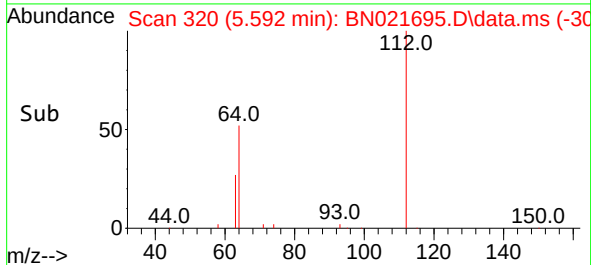
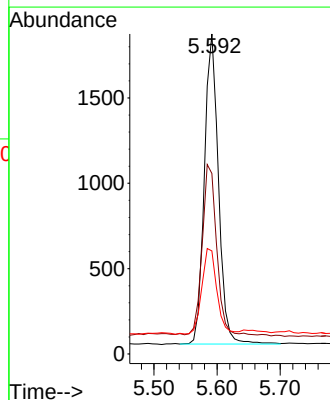
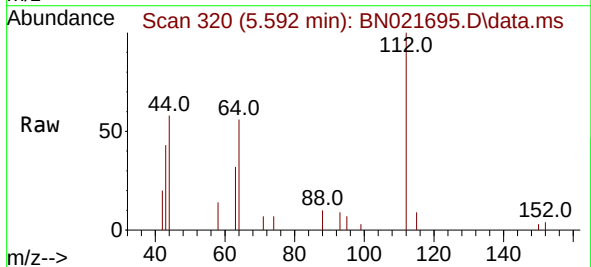
Instrument :
BNA_N
ClientSampleId :
BR-02-123-143-090122-H

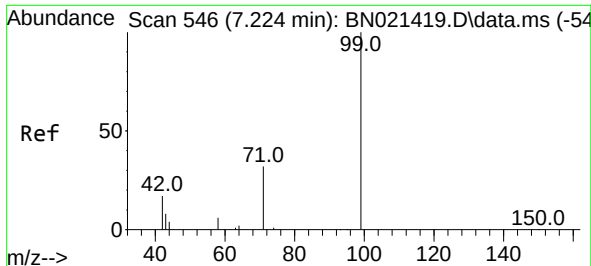
Tgt Ion:152 Resp: 6271
Ion Ratio Lower Upper
152 100
150 154.6 121.4 182.0
115 60.9 48.6 72.8



#4
2-Fluorophenol
Concen: 0.230 ng
RT: 5.592 min Scan# 320
Delta R.T. 0.000 min
Lab File: BN021695.D
Acq: 10 Sep 2022 12:47

Tgt Ion:112 Resp: 2824
Ion Ratio Lower Upper
112 100
64 58.5 43.5 65.3
63 29.1 22.6 34.0

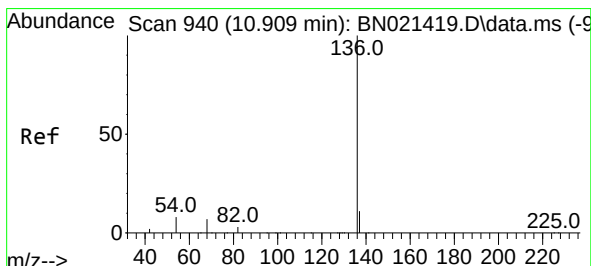
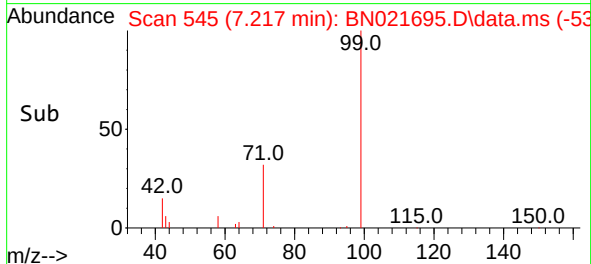
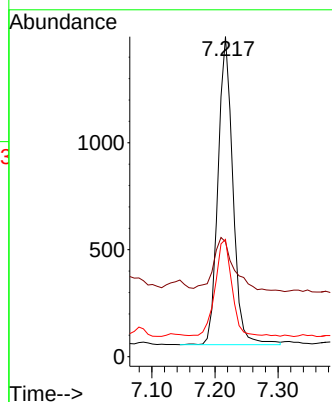
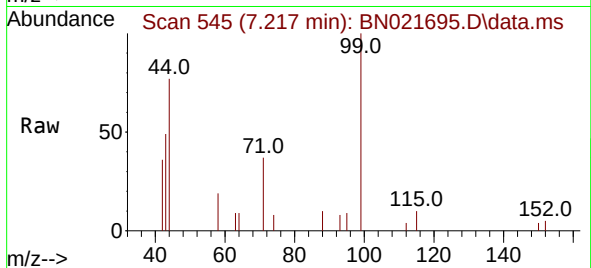




#5
Phenol-d6
Concen: 0.151 ng
RT: 7.217 min Scan# 54
Delta R.T. 0.000 min
Lab File: BN021695.D
Acq: 10 Sep 2022 12:47

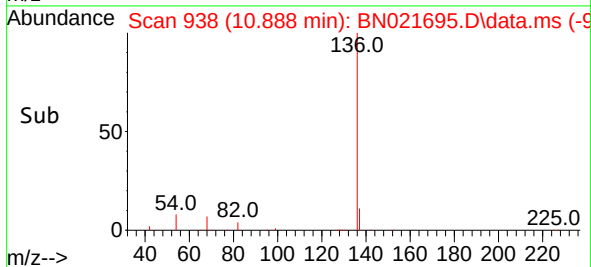
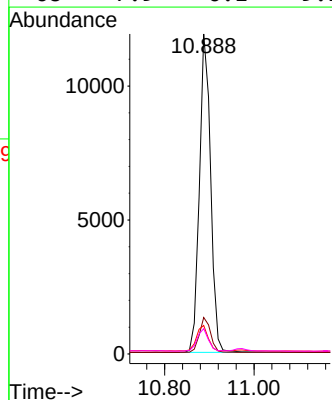
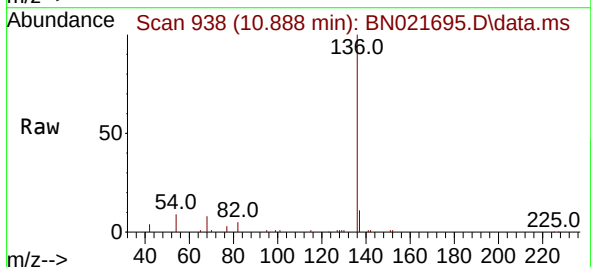
Instrument :
BNA_N
ClientSampleId :
BR-02-123-143-090122-H

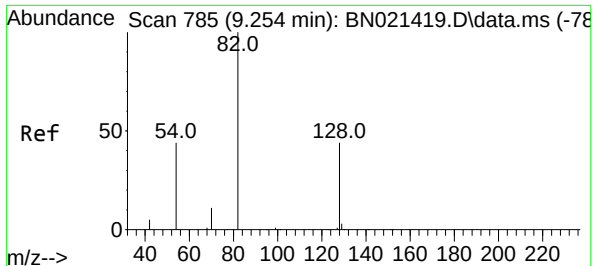
Tgt Ion: 99 Resp: 2361
Ion Ratio Lower Upper
99 100
42 24.9 15.5 23.3#
71 35.5 24.2 36.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.888 min Scan# 938
Delta R.T. -0.011 min
Lab File: BN021695.D
Acq: 10 Sep 2022 12:47

Tgt Ion:136 Resp: 20756
Ion Ratio Lower Upper
136 100
137 11.4 9.3 13.9
54 8.9 6.9 10.3
68 7.9 6.1 9.1

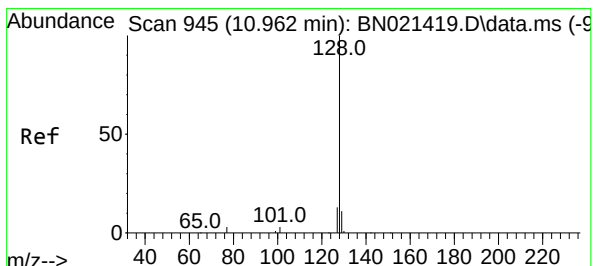
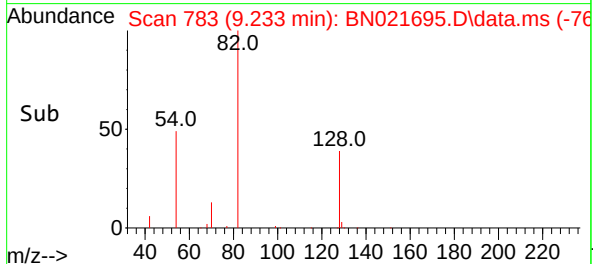
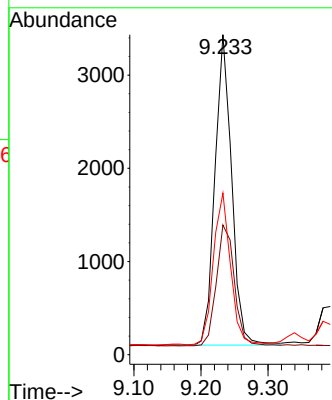
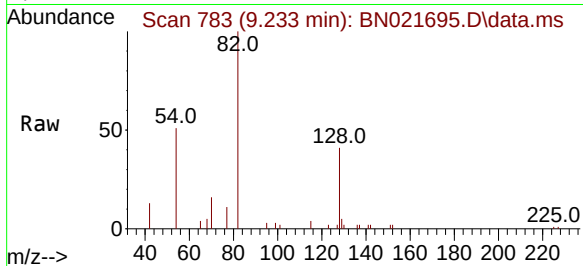




#8
 Nitrobenzene-d5
 Concen: 0.411 ng
 RT: 9.233 min Scan# 783
 Delta R.T. 0.000 min
 Lab File: BN021695.D
 Acq: 10 Sep 2022 12:47

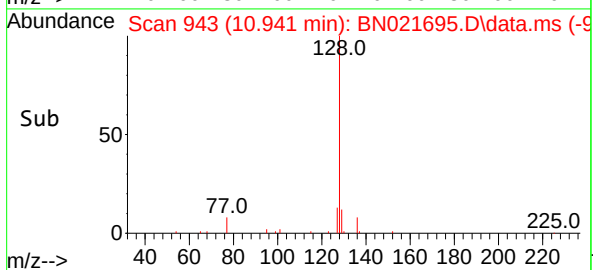
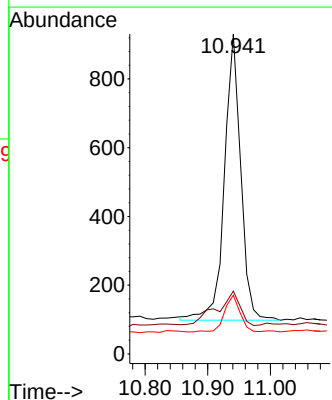
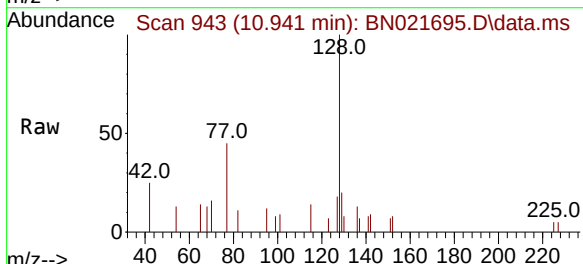
Instrument :
 BNA_N
 ClientSampleId :
 BR-02-123-143-090122-H

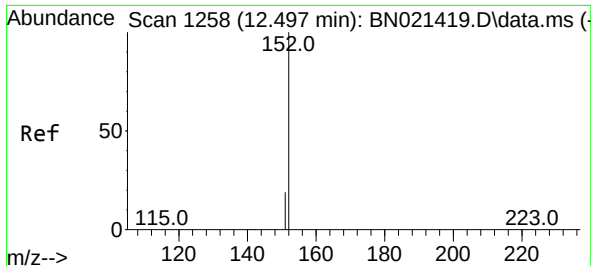
Tgt Ion:	82	Resp:	5761
Ion	Ratio	Lower	Upper
82	100		
128	40.5	30.9	46.3
54	50.5	42.7	64.1



#9
 Naphthalene
 Concen: 0.025 ng
 RT: 10.941 min Scan# 943
 Delta R.T. 0.000 min
 Lab File: BN021695.D
 Acq: 10 Sep 2022 12:47

Tgt Ion:	128	Resp:	1516
Ion	Ratio	Lower	Upper
128	100		
129	19.7	9.3	13.9#
127	18.4	11.0	16.4#

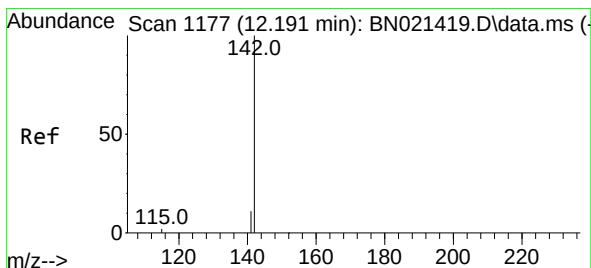
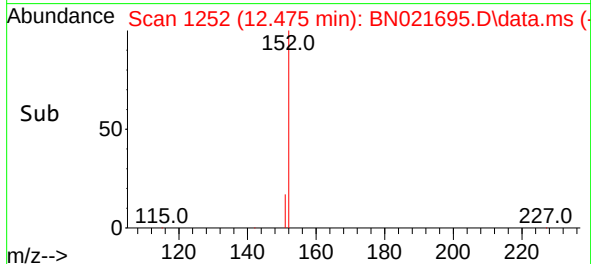
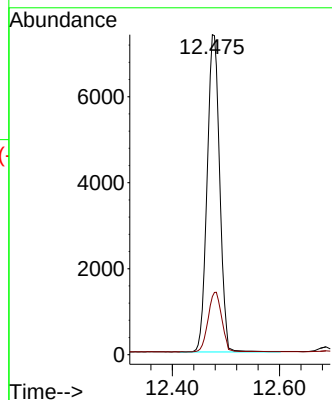
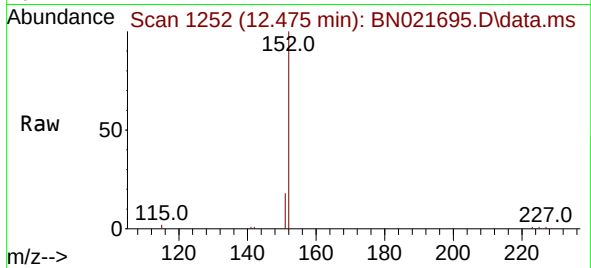




#11
2-Methylnaphthalene-d10
Concen: 0.381 ng
RT: 12.475 min Scan# 1171
Delta R.T. -0.004 min
Lab File: BN021695.D
Acq: 10 Sep 2022 12:47

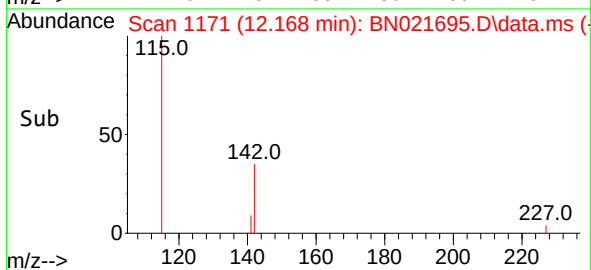
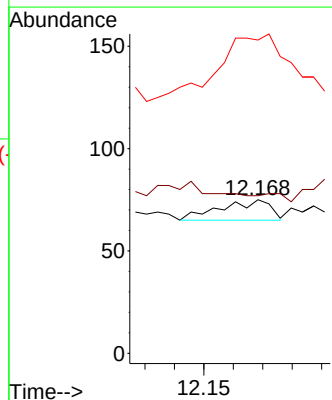
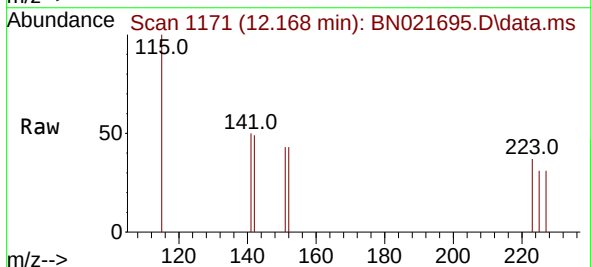
Instrument :
BNA_N
ClientSampleId :
BR-02-123-143-090122-H

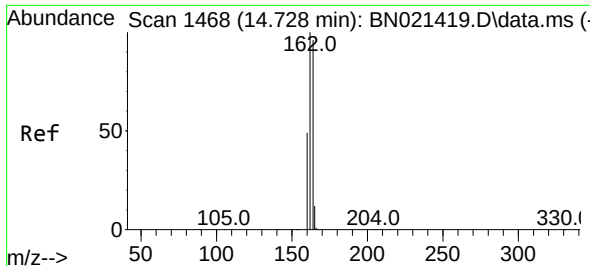
Tgt Ion:152 Resp: 17829
Ion Ratio Lower Upper
152 100
151 20.5 14.5 21.7



#12
2-Methylnaphthalene
Concen: 0.128 ng
RT: 12.168 min Scan# 1171
Delta R.T. -0.011 min
Lab File: BN021695.D
Acq: 10 Sep 2022 12:47

Tgt Ion:142 Resp: 12
Ion Ratio Lower Upper
142 100
141 102.7 12.2 18.2#
115 204.0 7.9 11.9#

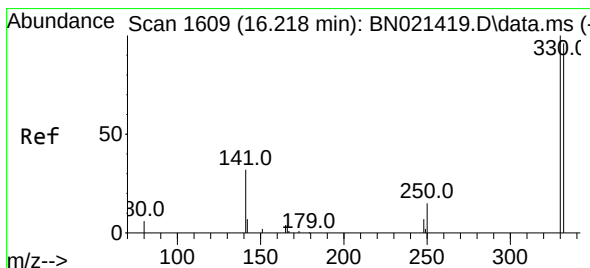
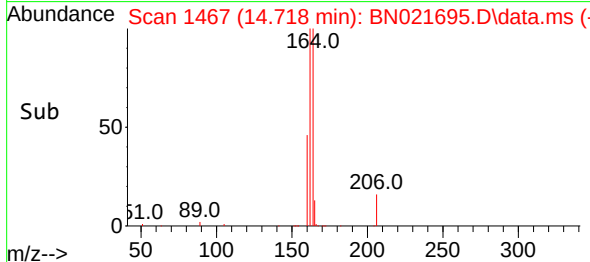
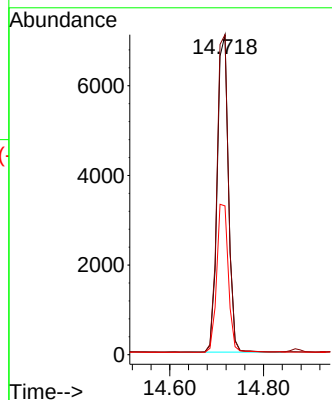
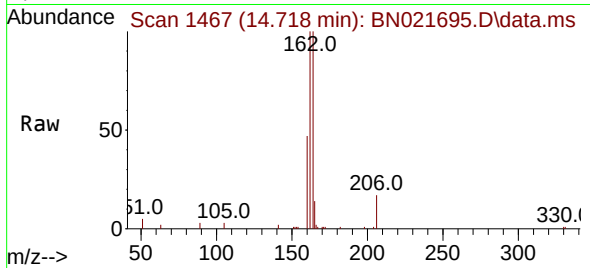




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.718 min Scan# 1467
Delta R.T. 0.000 min
Lab File: BN021695.D
Acq: 10 Sep 2022 12:47

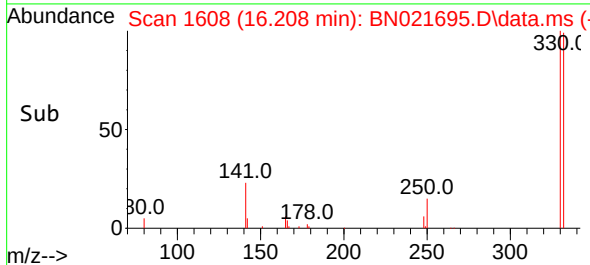
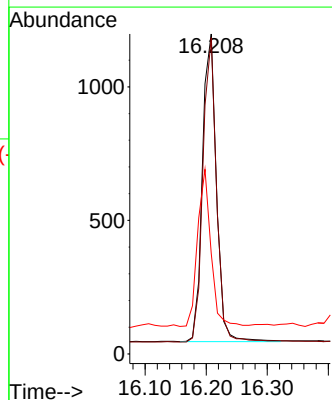
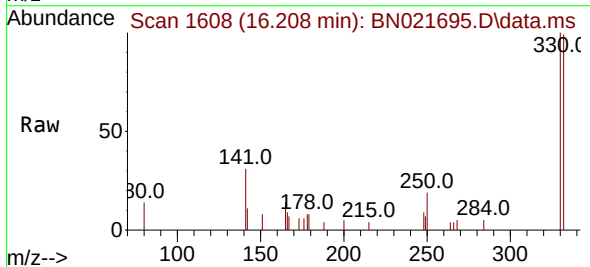
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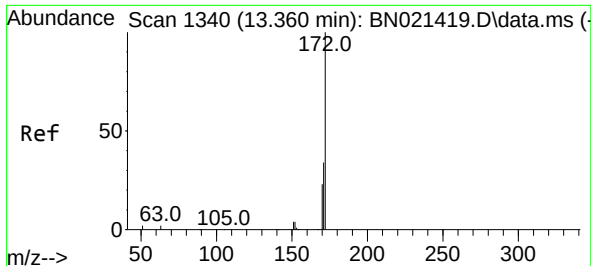
Tgt Ion:164 Resp: 11711
Ion Ratio Lower Upper
164 100
162 100.2 82.2 123.4
160 46.6 39.5 59.3



#14
2,4,6-Tribromophenol
Concen: 0.479 ng
RT: 16.208 min Scan# 1608
Delta R.T. 0.000 min
Lab File: BN021695.D
Acq: 10 Sep 2022 12:47

Tgt Ion:330 Resp: 1841
Ion Ratio Lower Upper
330 100
332 95.9 79.3 118.9
141 48.3 37.1 55.7

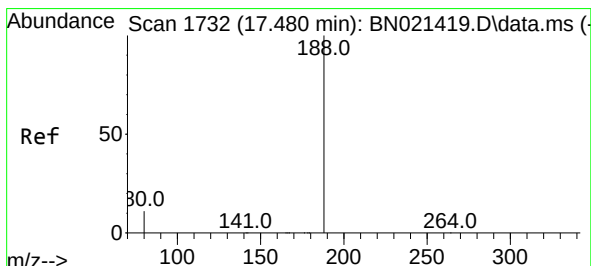
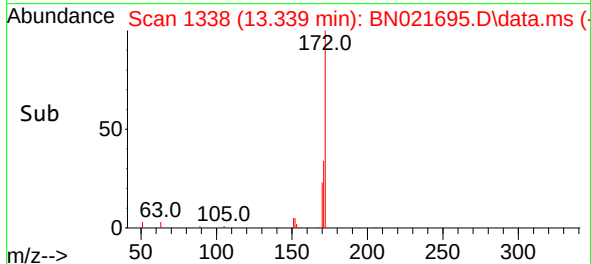
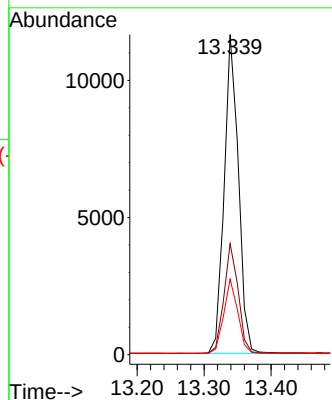
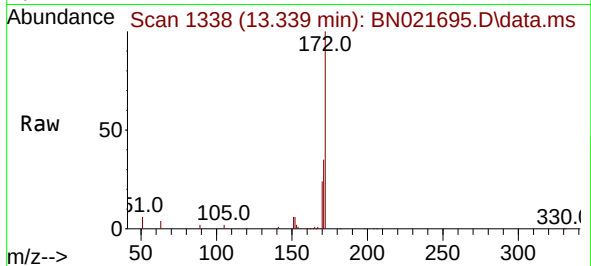




#15
2-Fluorobiphenyl
Concen: 0.337 ng
RT: 13.339 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN021695.D
Acq: 10 Sep 2022 12:47

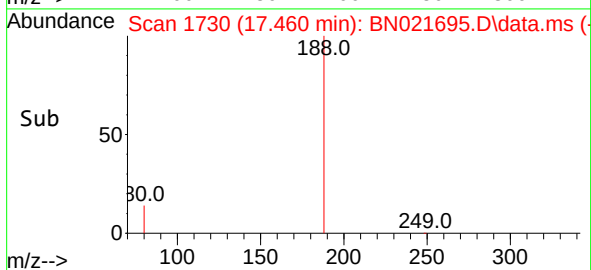
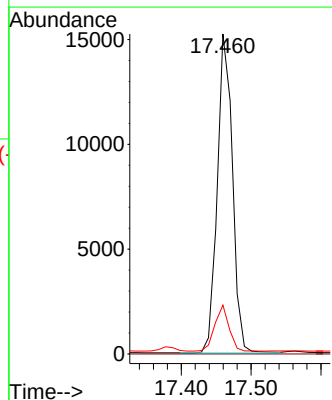
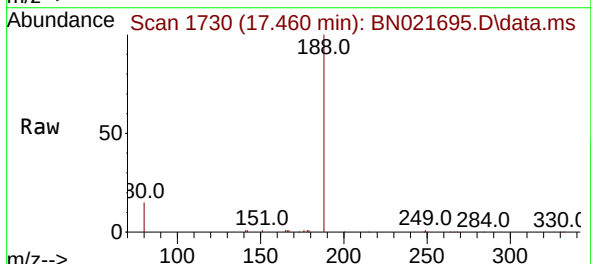
Instrument :
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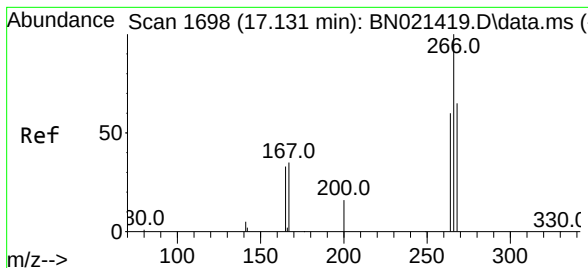
Tgt Ion:172 Resp: 17230
Ion Ratio Lower Upper
172 100
171 34.7 27.8 41.6
170 23.6 18.6 28.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.460 min Scan# 1730
Delta R.T. -0.010 min
Lab File: BN021695.D
Acq: 10 Sep 2022 12:47

Tgt Ion:188 Resp: 22908
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.3 9.5 14.3





#24

Pentachlorophenol

Concen: 0.207 ng

RT: 17.111 min Scan# 1

Delta R.T. -0.010 min

Lab File: BN021695.D

Acq: 10 Sep 2022 12:47

Instrument :

BNA_N

ClientSampleId :

BR-02-123-143-090122-H

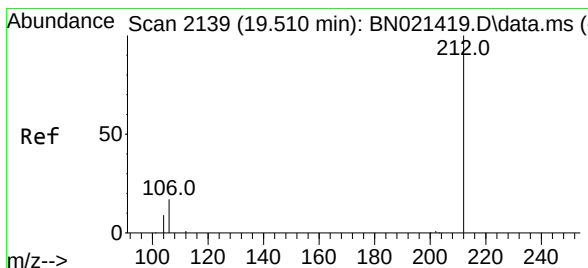
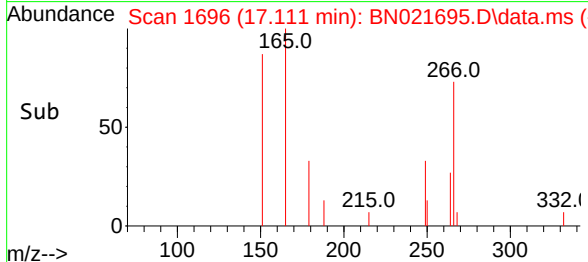
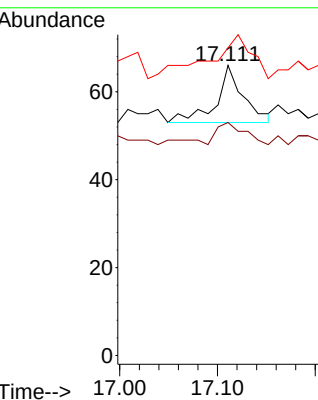
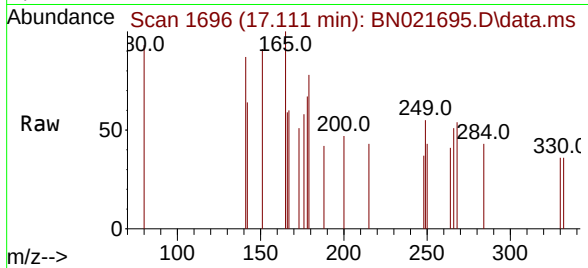
Tgt Ion:266 Resp: 25

Ion Ratio Lower Upper

266 100

264 40.0 49.0 73.6#

268 120.0 50.9 76.3#



#27

Fluoranthene-d10

Concen: 0.398 ng

RT: 19.493 min Scan# 2135

Delta R.T. -0.004 min

Lab File: BN021695.D

Acq: 10 Sep 2022 12:47

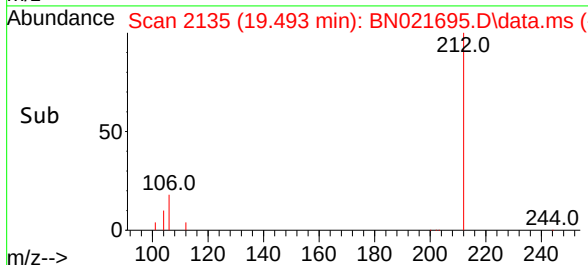
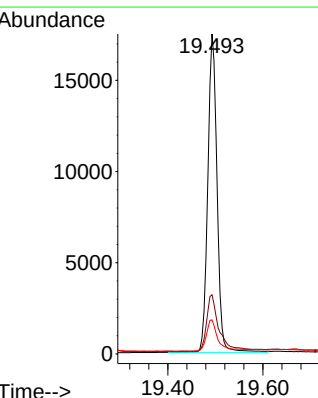
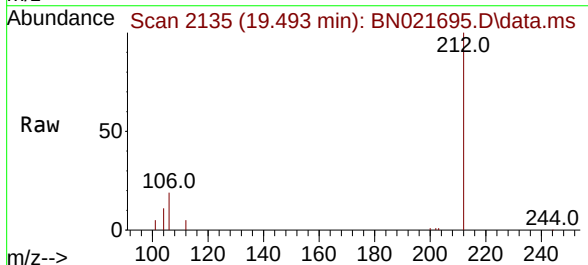
Tgt Ion:212 Resp: 23467

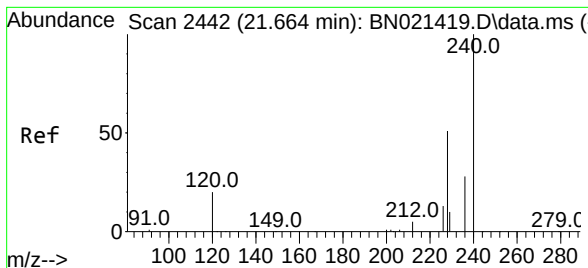
Ion Ratio Lower Upper

212 100

106 24.4 14.2 21.2#

104 12.6 7.8 11.6#





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.655 min Scan# 2441

Delta R.T. 0.000 min

Lab File: BN021695.D

Acq: 10 Sep 2022 12:47

Instrument :

BNA_N

ClientSampleId :

BR-02-123-143-090122-H

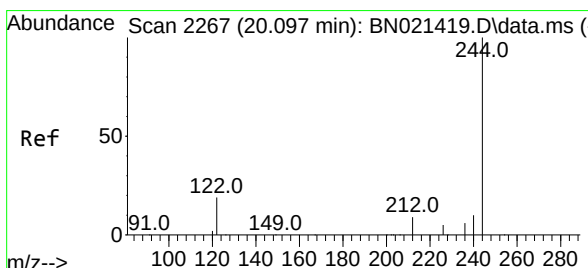
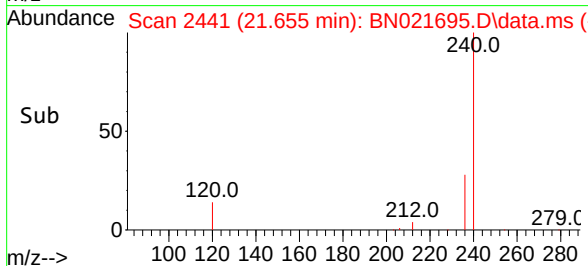
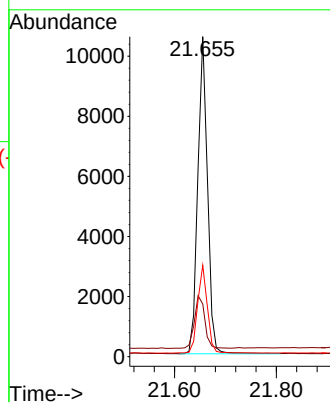
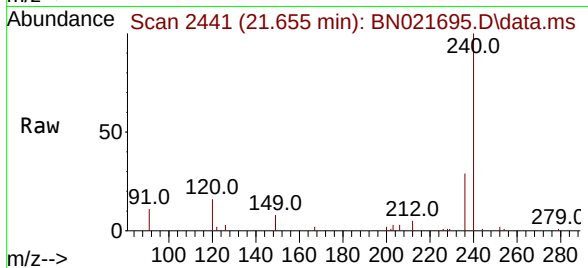
Tgt Ion:240 Resp: 13955

Ion Ratio Lower Upper

240 100

120 16.4 10.2 15.4#

236 28.6 22.1 33.1



#31

Terphenyl-d14

Concen: 0.415 ng

RT: 20.088 min Scan# 2266

Delta R.T. 0.000 min

Lab File: BN021695.D

Acq: 10 Sep 2022 12:47

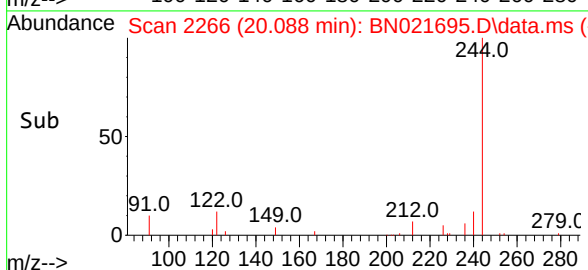
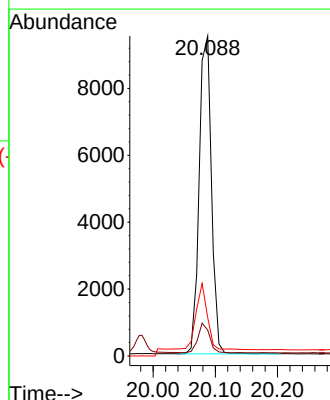
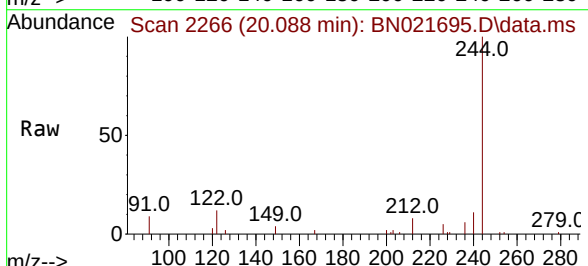
Tgt Ion:244 Resp: 13029

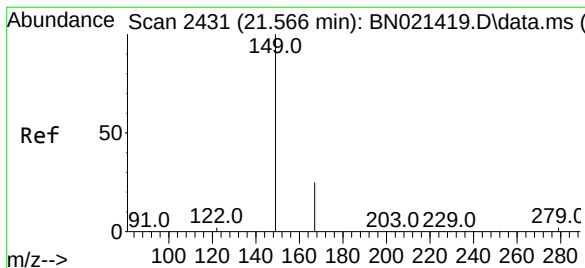
Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

122 12.0 9.1 13.7

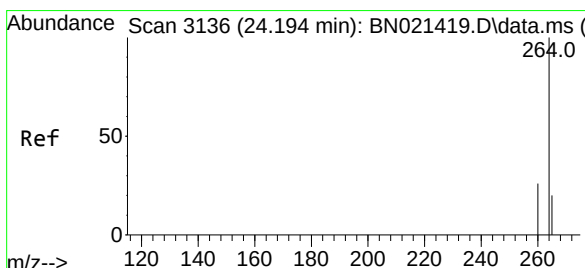
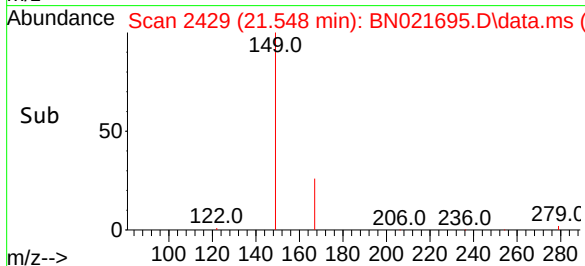
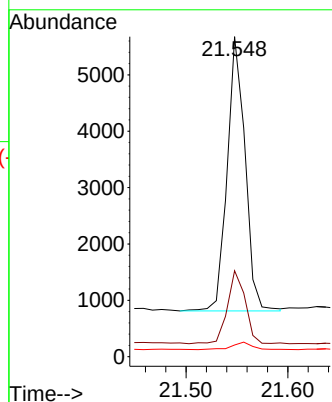
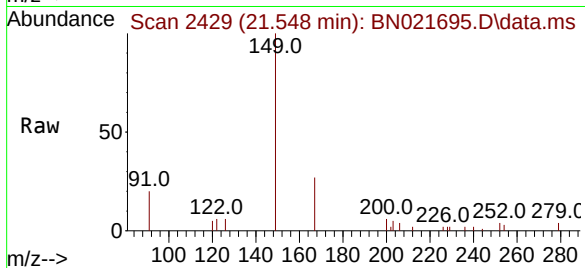




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.303 ng
RT: 21.548 min Scan# 2431
Delta R.T. 0.000 min
Lab File: BN021695.D
Acq: 10 Sep 2022 12:47

Instrument :
BNA_N
ClientSampleId :
BR-02-123-143-090122-H

Tgt Ion:149 Resp: 5938
Ion Ratio Lower Upper
149 100
167 26.6 21.4 32.0
279 3.2 2.2 3.2



#35
Perylene-d12
Concen: 0.400 ng
RT: 24.170 min Scan# 3128
Delta R.T. -0.003 min
Lab File: BN021695.D
Acq: 10 Sep 2022 12:47

Tgt Ion:264 Resp: 11064
Ion Ratio Lower Upper
264 100
260 25.8 21.0 31.6
265 48.2 32.2 48.2

