

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082922\
 Data File : BN021427.D
 Acq On : 29 Aug 2022 18:10
 Operator : CG/JU
 Sample : N4281-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP06-20220818

Quant Time: Aug 30 01:15:23 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 29 16:30:43 2022
 Response via : Initial Calibration

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

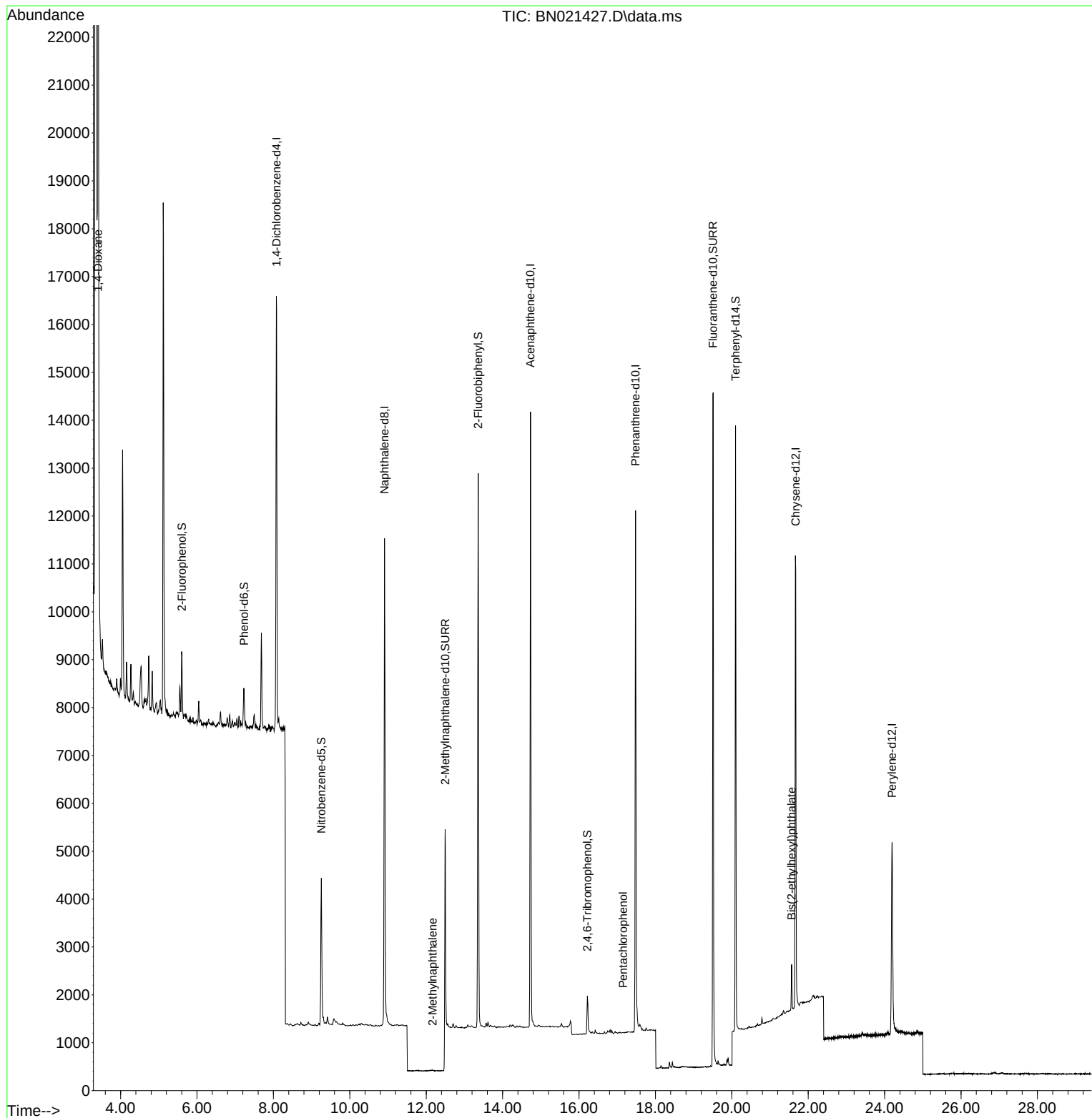
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.083	152	4532	0.400	ng	0.00
7) Naphthalene-d8	10.909	136	13745	0.400	ng	0.00
13) Acenaphthene-d10	14.729	164	7155	0.400	ng	0.00
19) Phenanthrene-d10	17.480	188	14943	0.400	ng	0.00
29) Chrysene-d12	21.673	240	9863	0.400	ng	0.00
35) Perylene-d12	24.194	264	6745	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.606	112	1206	0.136	ng	0.00
5) Phenol-d6	7.231	99	857	0.076	ng	0.00
8) Nitrobenzene-d5	9.254	82	2847	0.307	ng	0.00
11) 2-Methylnaphthalene-d10	12.497	152	10083	0.325	ng	0.00
14) 2,4,6-Tribromophenol	16.219	330	525	0.223	ng	0.00
15) 2-Fluorobiphenyl	13.360	172	10410	0.333	ng	0.00
27) Fluoranthene-d10	19.510	212	16282	0.424	ng	0.00
31) Terphenyl-d14	20.097	244	10886	0.491	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.411	88	31695	5.592	ng	# 89
12) 2-Methylnaphthalene	12.168	142	1	0.127	ng	# 1
24) Pentachlorophenol	17.152	266	8	0.205	ng	# 34
34) Bis(2-ethylhexyl)phtha...	21.566	149	966	0.070	ng	# 97

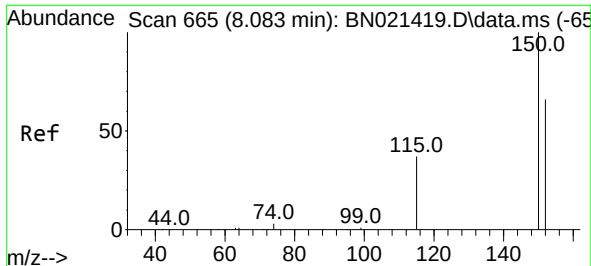
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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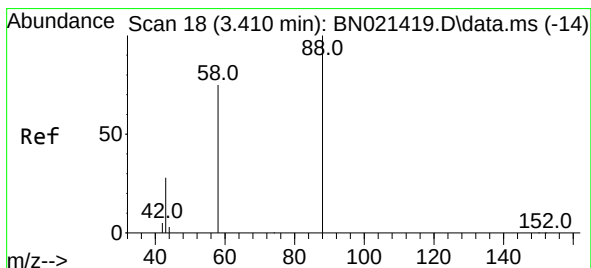
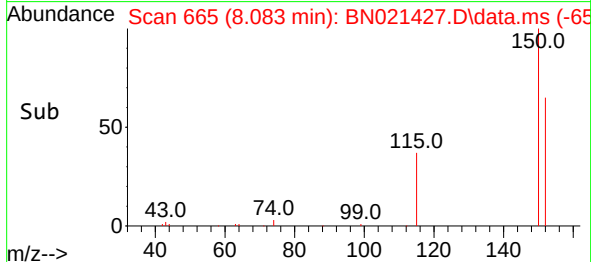
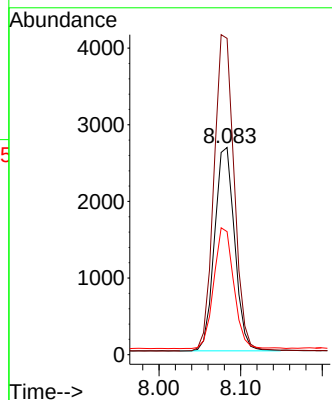
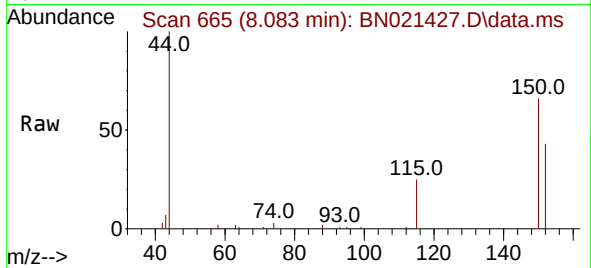




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.083 min Scan# 665
 Delta R.T. 0.000 min
 Lab File: BN021427.D
 Acq: 29 Aug 2022 18:10

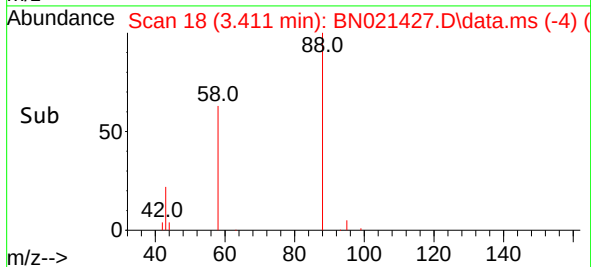
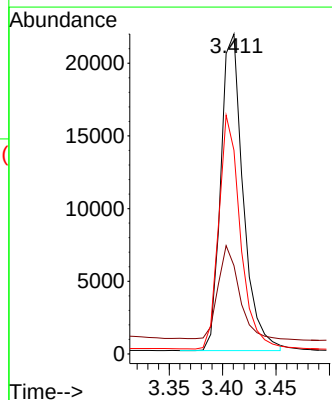
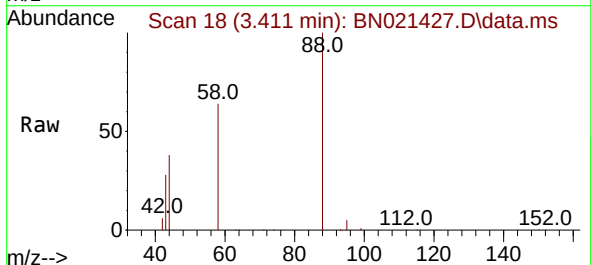
Instrument :
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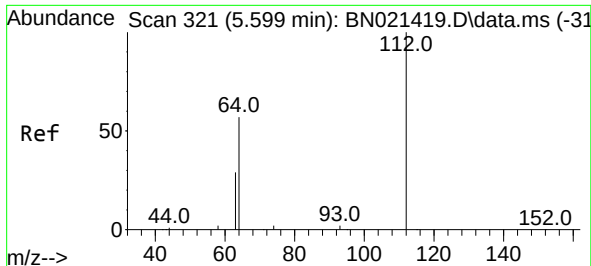
Tgt Ion:152 Resp: 4532
 Ion Ratio Lower Upper
 152 100
 150 152.6 121.4 182.0
 115 59.4 48.6 72.8



#2
 1,4-Dioxane
 Concen: 5.592 ng
 RT: 3.411 min Scan# 18
 Delta R.T. 0.000 min
 Lab File: BN021427.D
 Acq: 29 Aug 2022 18:10

Tgt Ion: 88 Resp: 31695
 Ion Ratio Lower Upper
 88 100
 43 27.4 35.8 53.8#
 58 71.0 57.1 85.7

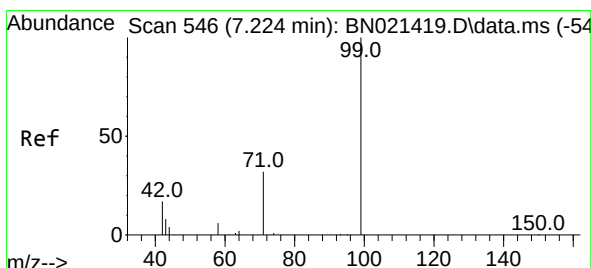
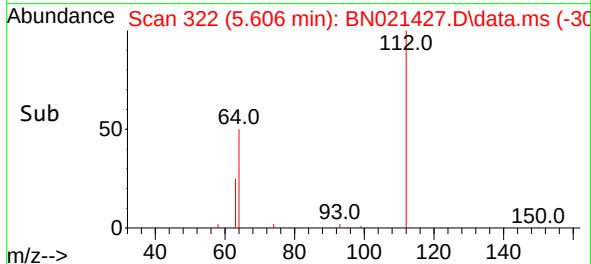
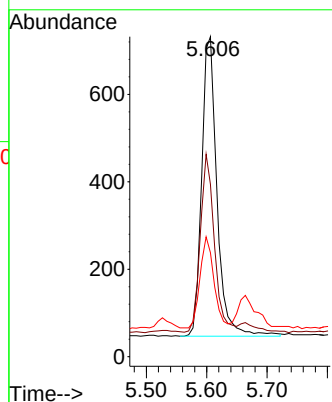
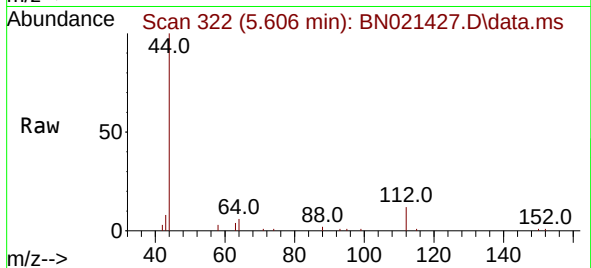




#4
2-Fluorophenol
Concen: 0.136 ng
RT: 5.606 min Scan# 31
Delta R.T. 0.007 min
Lab File: BN021427.D
Acq: 29 Aug 2022 18:10

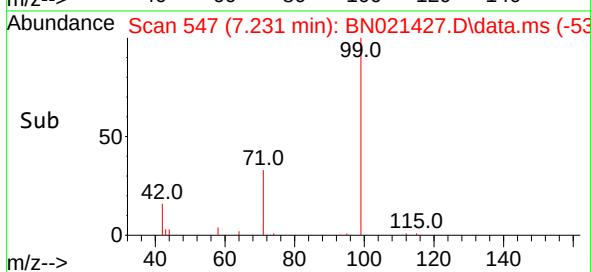
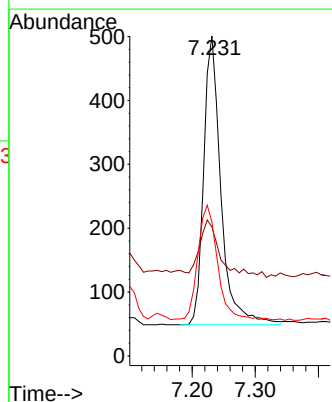
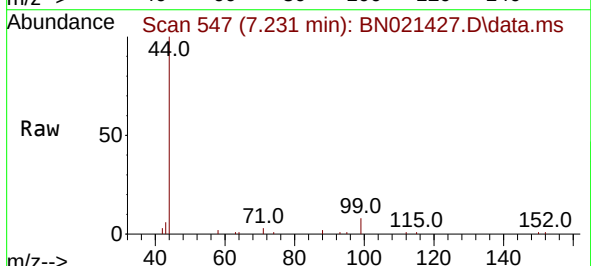
Instrument :
BNA_N
ClientSampleId :
DUP06-20220818

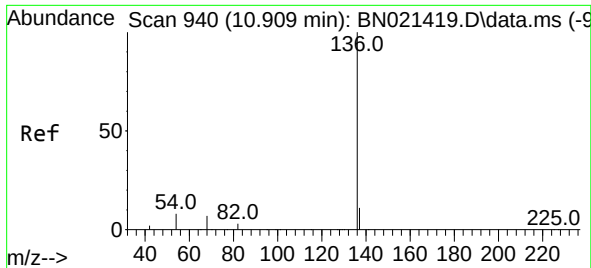
Tgt Ion:112 Resp: 1206
Ion Ratio Lower Upper
112 100
64 54.7 43.5 65.3
63 27.5 22.6 34.0



#5
Phenol-d6
Concen: 0.076 ng
RT: 7.231 min Scan# 547
Delta R.T. 0.007 min
Lab File: BN021427.D
Acq: 29 Aug 2022 18:10

Tgt Ion: 99 Resp: 857
Ion Ratio Lower Upper
99 100
42 23.8 15.5 23.3#
71 44.8 24.2 36.2#

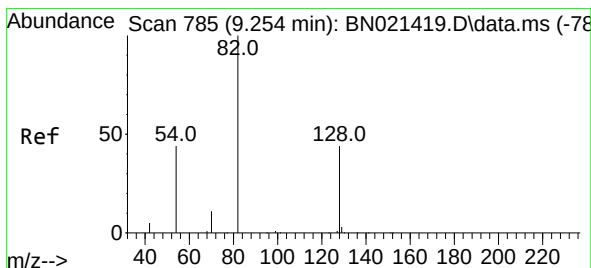
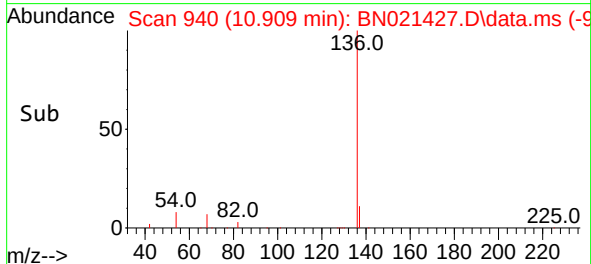
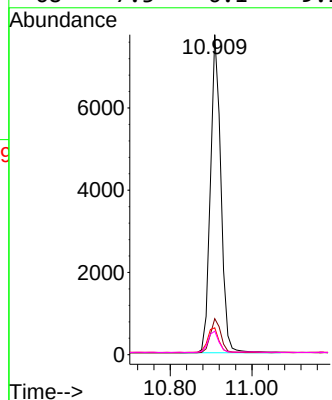
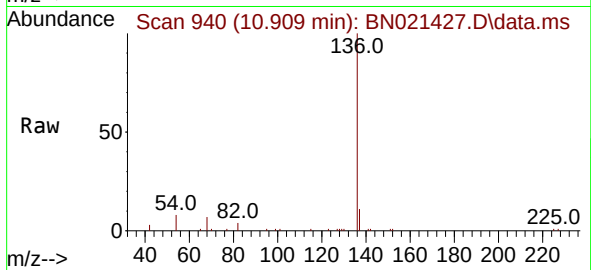




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.909 min Scan# 940
Delta R.T. -0.000 min
Lab File: BN021427.D
Acq: 29 Aug 2022 18:10

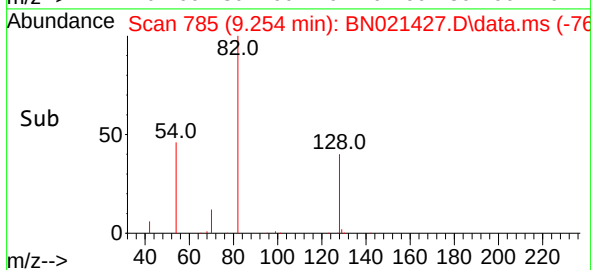
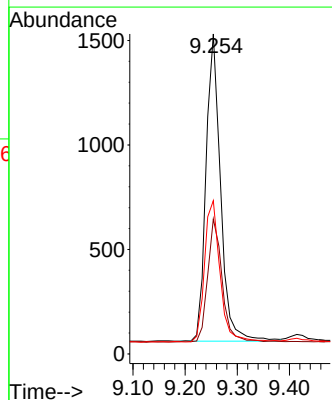
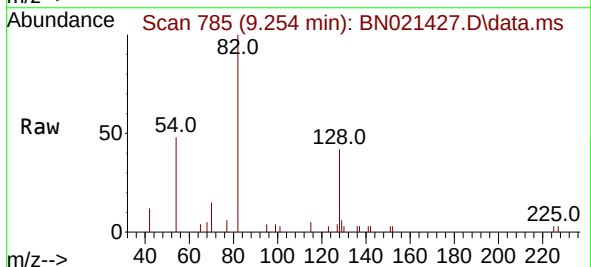
Instrument :
BNA_N
ClientSampleId :
DUP06-20220818

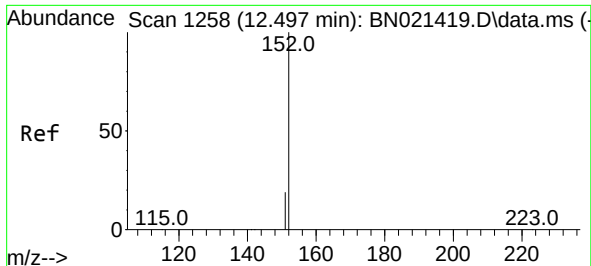
Tgt Ion:	136	Resp:	13745
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.3	13.9
54	8.4	6.9	10.3
68	7.3	6.1	9.1



#8
Nitrobenzene-d5
Concen: 0.307 ng
RT: 9.254 min Scan# 785
Delta R.T. 0.000 min
Lab File: BN021427.D
Acq: 29 Aug 2022 18:10

Tgt Ion:	82	Resp:	2847
Ion Ratio	Lower	Upper	
82	100		
128	42.2	30.9	46.3
54	47.9	42.7	64.1

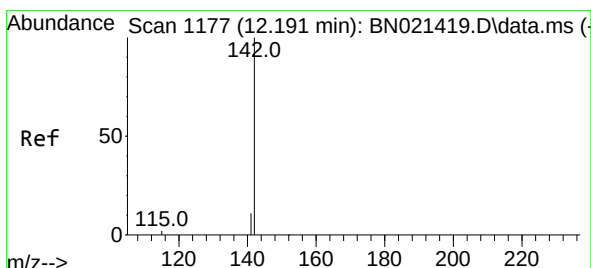
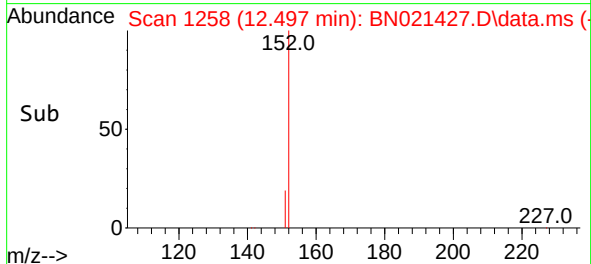
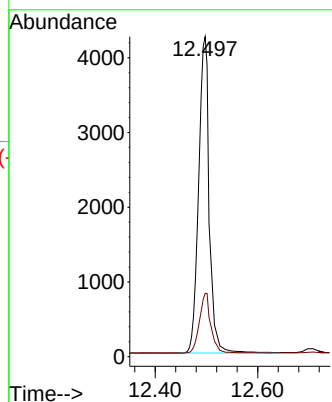
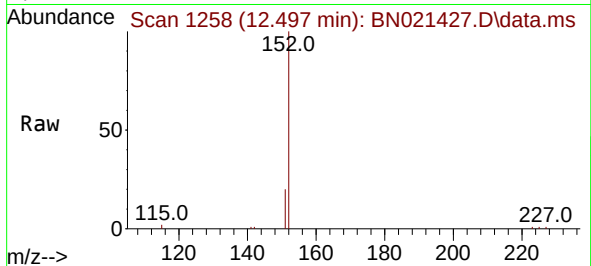




#11
2-Methylnaphthalene-d10
Concen: 0.325 ng
RT: 12.497 min Scan# 1171
Delta R.T. 0.000 min
Lab File: BN021427.D
Acq: 29 Aug 2022 18:10

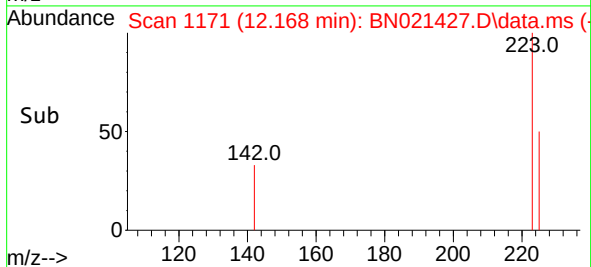
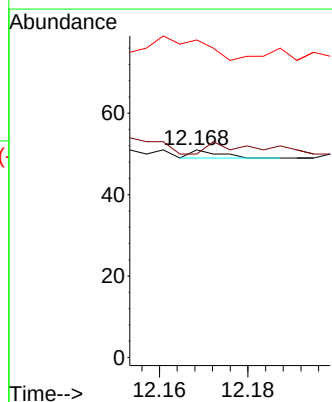
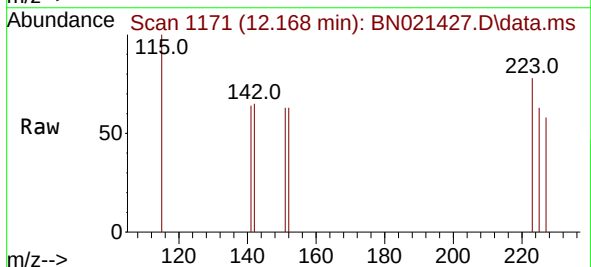
Instrument :
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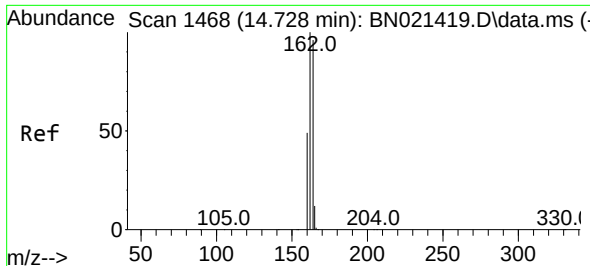
Tgt Ion:152 Resp: 10083
Ion Ratio Lower Upper
152 100
151 18.5 14.5 21.7



#12
2-Methylnaphthalene
Concen: 0.127 ng
RT: 12.168 min Scan# 1171
Delta R.T. -0.023 min
Lab File: BN021427.D
Acq: 29 Aug 2022 18:10

Tgt Ion:142 Resp: 1
Ion Ratio Lower Upper
142 100
141 98.0 12.2 18.2#
115 152.9 7.9 11.9#

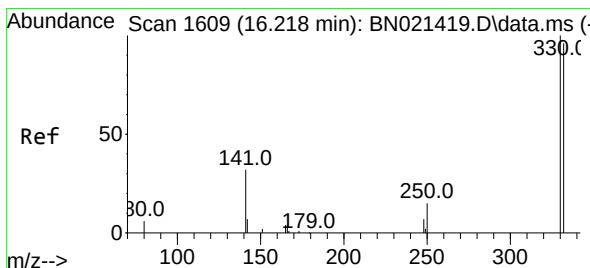
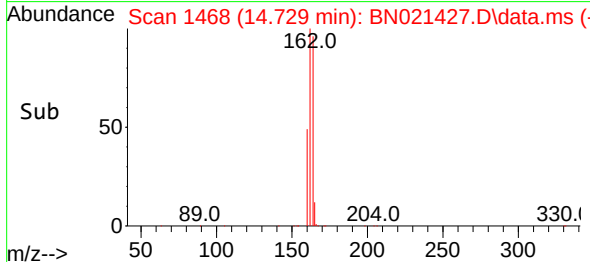
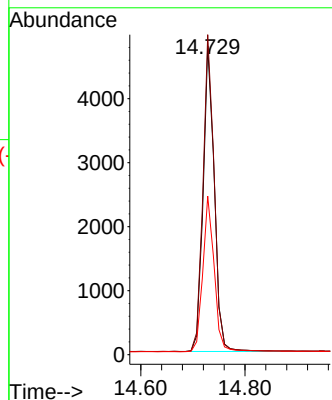
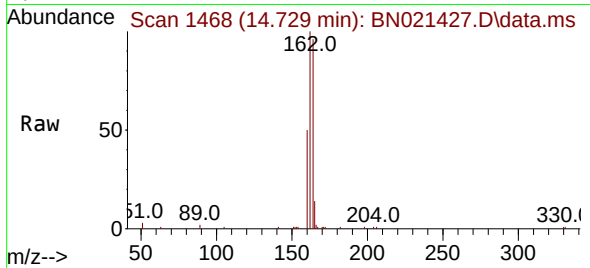




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.729 min Scan# 1468
Delta R.T. 0.001 min
Lab File: BN021427.D
Acq: 29 Aug 2022 18:10

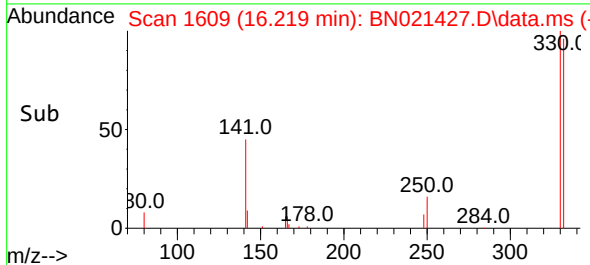
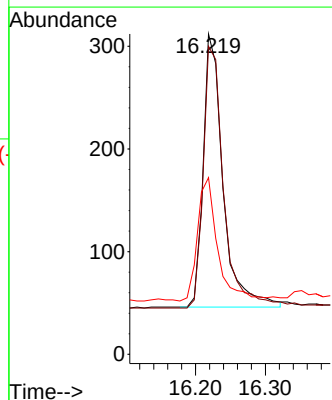
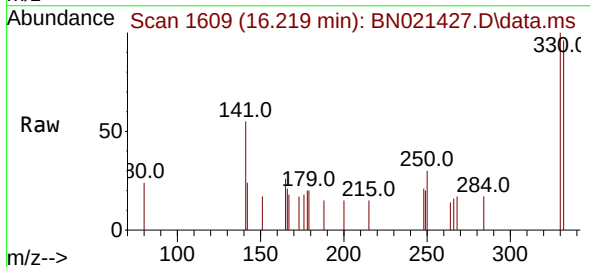
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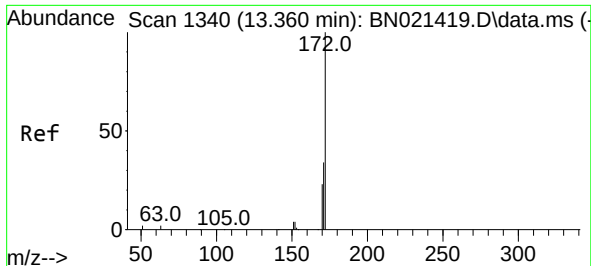
Tgt Ion:164 Resp: 7155
Ion Ratio Lower Upper
164 100
162 103.7 82.2 123.4
160 51.4 39.5 59.3



#14
2,4,6-Tribromophenol
Concen: 0.223 ng
RT: 16.219 min Scan# 1609
Delta R.T. 0.001 min
Lab File: BN021427.D
Acq: 29 Aug 2022 18:10

Tgt Ion:330 Resp: 525
Ion Ratio Lower Upper
330 100
332 99.8 79.3 118.9
141 46.9 37.1 55.7

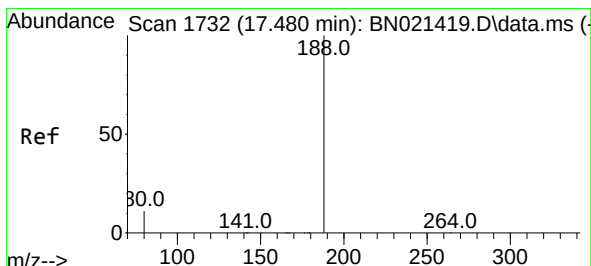
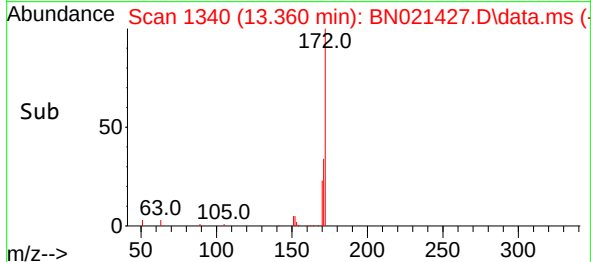
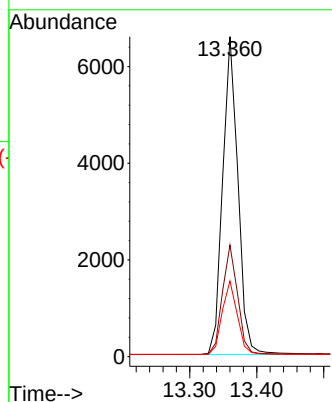
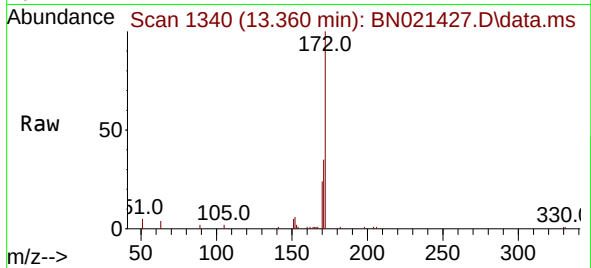




#15
2-Fluorobiphenyl
Concen: 0.333 ng
RT: 13.360 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN021427.D
Acq: 29 Aug 2022 18:10

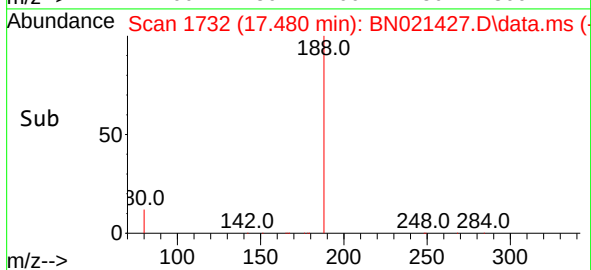
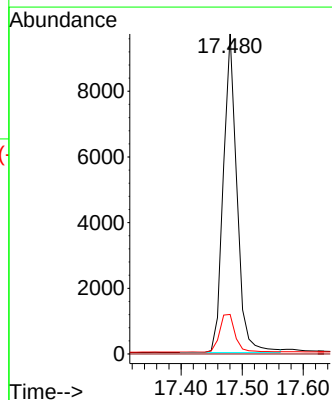
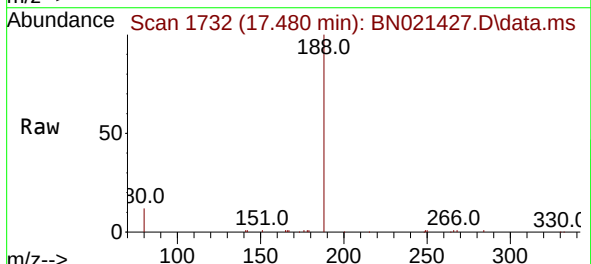
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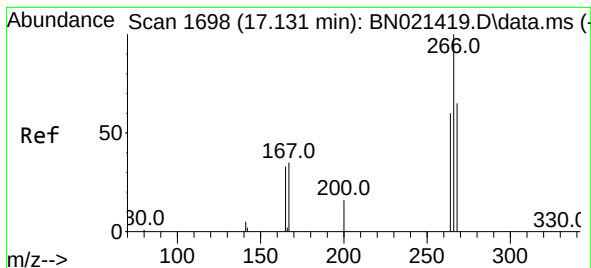
Tgt Ion:	172	Resp:	10410
Ion Ratio	Lower	Upper	
172	100		
171	34.9	27.8	41.6
170	23.6	18.6	28.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.480 min Scan# 1732
Delta R.T. 0.000 min
Lab File: BN021427.D
Acq: 29 Aug 2022 18:10

Tgt Ion:	188	Resp:	14943
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	12.3	9.5	14.3





#24

Pentachlorophenol

Concen: 0.205 ng

RT: 17.152 min Scan# 1700

Delta R.T. 0.021 min

Lab File: BN021427.D

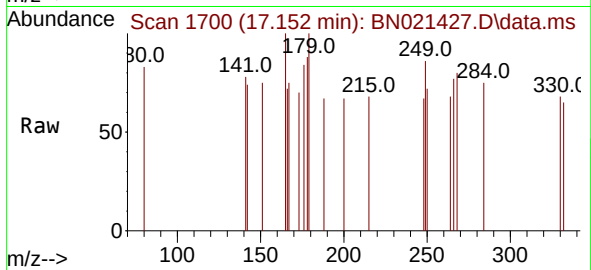
Acq: 29 Aug 2022 18:10

Instrument :

BNA_N

ClientSampleId :

DUP06-20220818



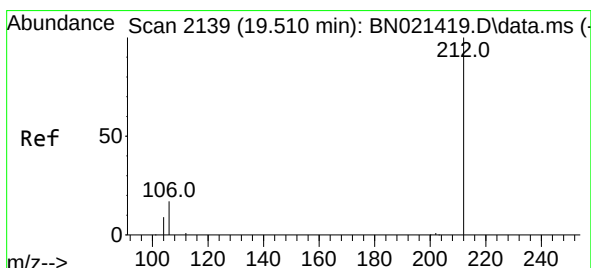
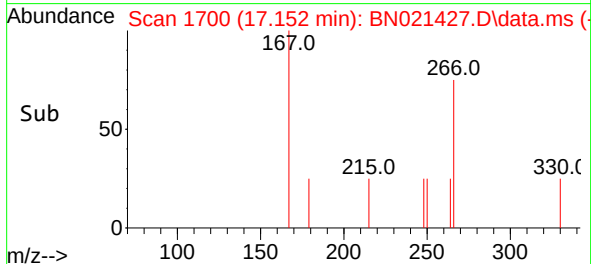
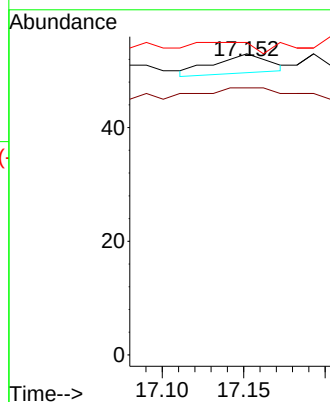
Tgt Ion:266 Resp: 8

Ion Ratio Lower Upper

266 100

264 100.0 49.0 73.6#

268 0.0 50.9 76.3#



#27

Fluoranthene-d10

Concen: 0.424 ng

RT: 19.510 min Scan# 2139

Delta R.T. 0.000 min

Lab File: BN021427.D

Acq: 29 Aug 2022 18:10

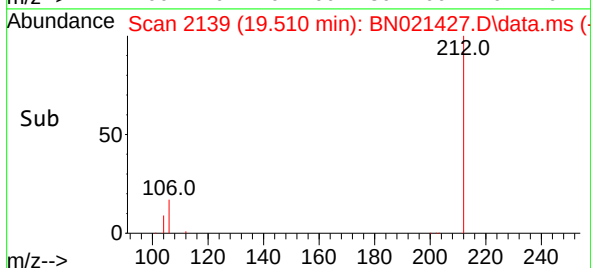
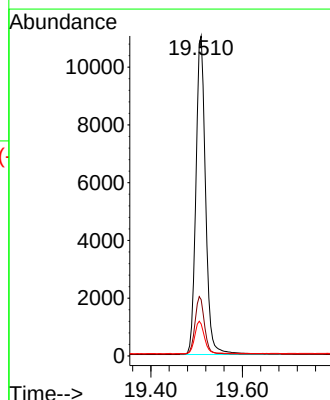
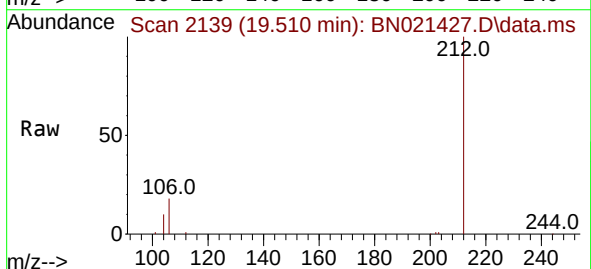
Tgt Ion:212 Resp: 16282

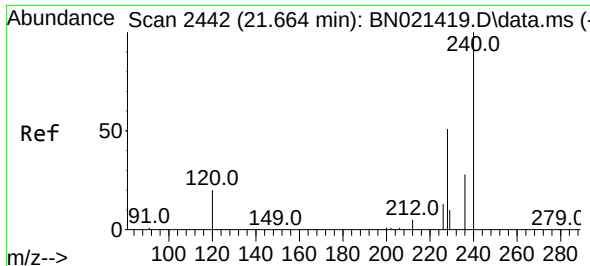
Ion Ratio Lower Upper

212 100

106 18.0 14.2 21.2

104 10.1 7.8 11.6

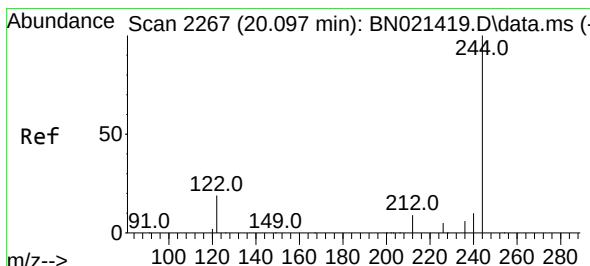
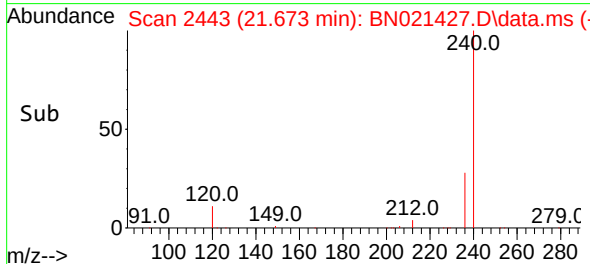
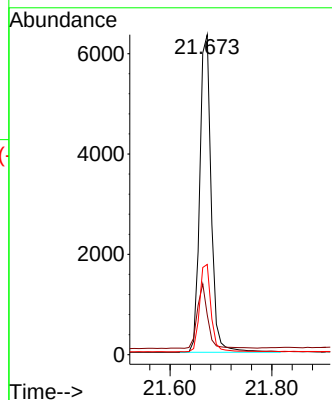
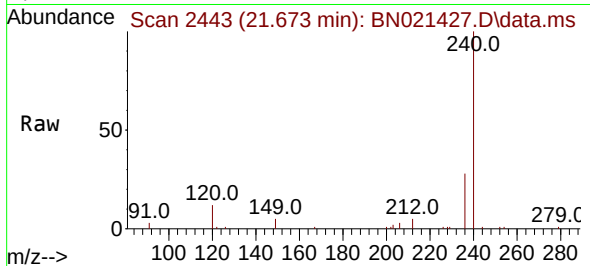




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.673 min Scan# 2443
Delta R.T. 0.009 min
Lab File: BN021427.D
Acq: 29 Aug 2022 18:10

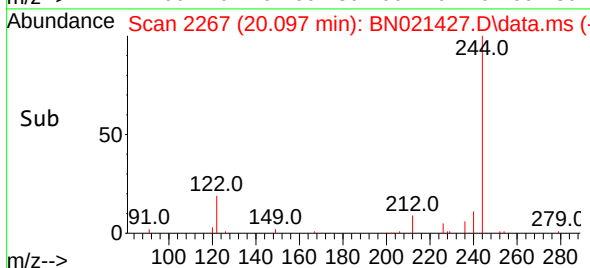
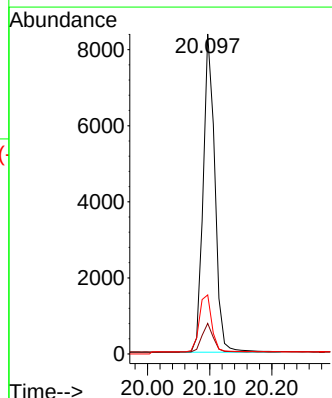
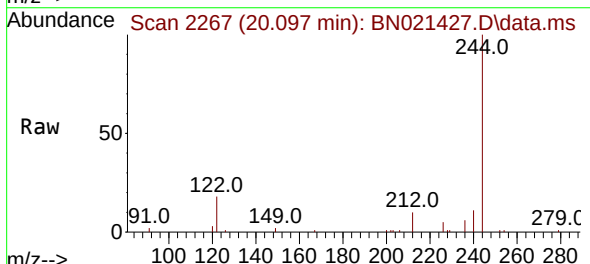
Instrument :
BNA_N
ClientSampleId :
DUP06-20220818

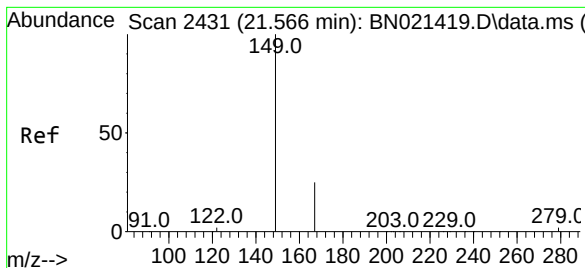
Tgt Ion:240 Resp: 9863
Ion Ratio Lower Upper
240 100
120 12.5 10.2 15.4
236 28.2 22.1 33.1



#31
Terphenyl-d14
Concen: 0.491 ng
RT: 20.097 min Scan# 2267
Delta R.T. 0.000 min
Lab File: BN021427.D
Acq: 29 Aug 2022 18:10

Tgt Ion:244 Resp: 10886
Ion Ratio Lower Upper
244 100
212 9.5 6.5 9.7
122 18.5 9.1 13.7#

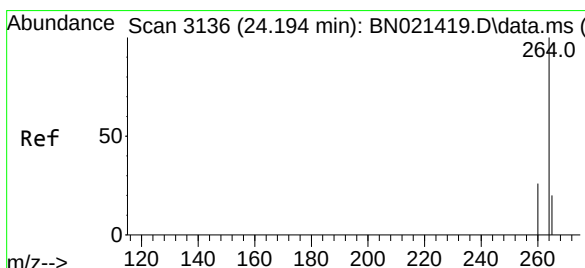
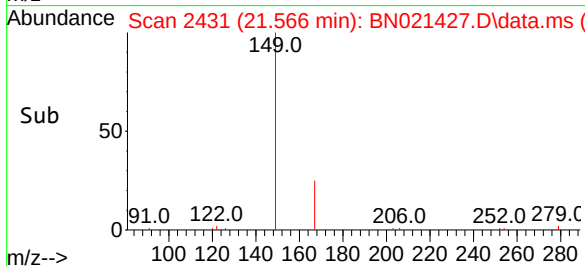
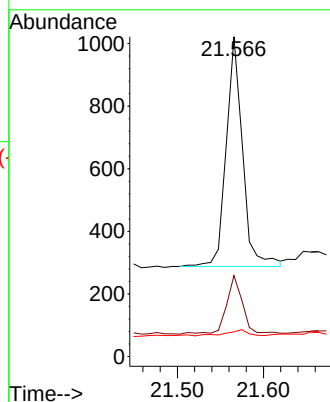
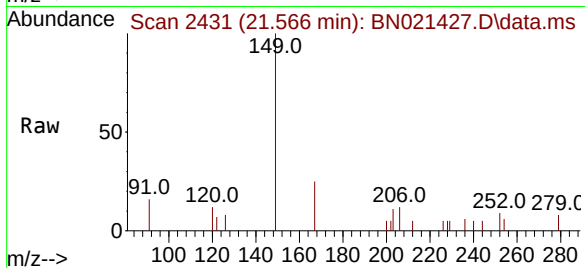




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.070 ng
 RT: 21.566 min Scan# 2431
 Delta R.T. 0.000 min
 Lab File: BN021427.D
 Acq: 29 Aug 2022 18:10

Instrument :
 BNA_N
 ClientSampleId :
 DUP06-20220818

Tgt Ion:149 Resp: 966
 Ion Ratio Lower Upper
 149 100
 167 25.2 21.4 32.0
 279 3.5 2.2 3.2#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.194 min Scan# 3136
 Delta R.T. 0.000 min
 Lab File: BN021427.D
 Acq: 29 Aug 2022 18:10

Tgt Ion:264 Resp: 6745
 Ion Ratio Lower Upper
 264 100
 260 27.3 21.0 31.6
 265 41.8 32.2 48.2

