

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083022\
 Data File : BN021455.D
 Acq On : 30 Aug 2022 14:18
 Operator : CG/JU
 Sample : N4281-10DL 2X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP06-20220818DL

Quant Time: Aug 31 01:20:16 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)

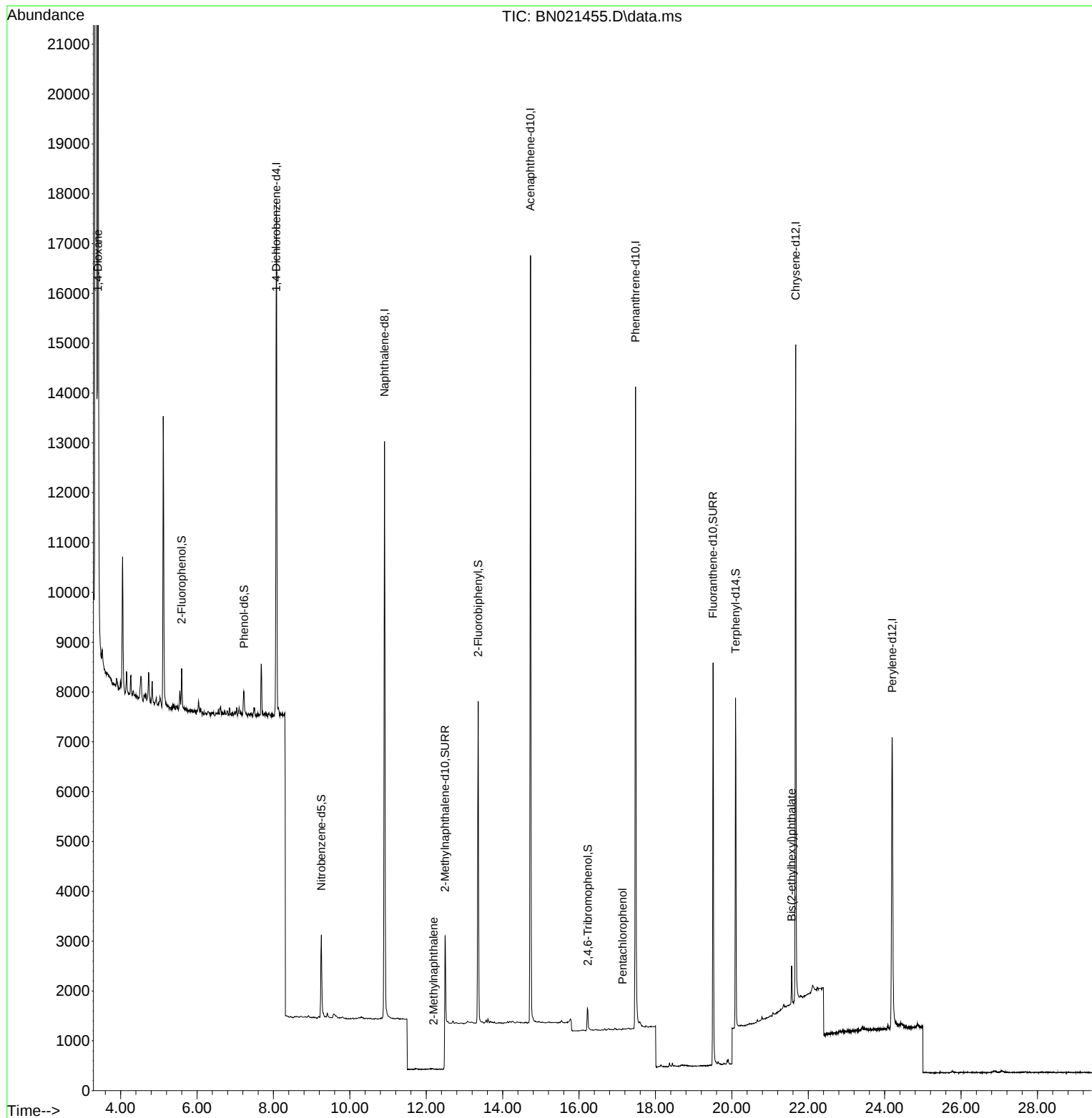
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.076	152	5065	0.400	ng	0.00
7) Naphthalene-d8	10.909	136	15632	0.400	ng	0.00
13) Acenaphthene-d10	14.728	164	8563	0.400	ng	0.00
19) Phenanthrene-d10	17.480	188	18138	0.400	ng	0.00
29) Chrysene-d12	21.673	240	12726	0.400	ng	0.00
35) Perylene-d12	24.196	264	9543	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.598	112	686	0.069	ng	0.00
5) Phenol-d6	7.231	99	507	0.040	ng	0.00
8) Nitrobenzene-d5	9.254	82	1568	0.149	ng	0.00
11) 2-Methylnaphthalene-d10	12.493	152	5539	0.157	ng	0.00
14) 2,4,6-Tribromophenol	16.228	330	321	0.114	ng	0.01
15) 2-Fluorobiphenyl	13.360	172	5701	0.152	ng	0.00
27) Fluoranthene-d10	19.509	212	9086	0.195	ng	0.00
31) Terphenyl-d14	20.096	244	6173	0.216	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.410	88	16527	2.609	ng	# 89
12) 2-Methylnaphthalene	12.191	142	1	0.127	ng	# 1
24) Pentachlorophenol	17.141	266	10	0.205	ng	# 43
34) Bis(2-ethylhexyl)phtha...	21.565	149	804	0.045	ng	# 94

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

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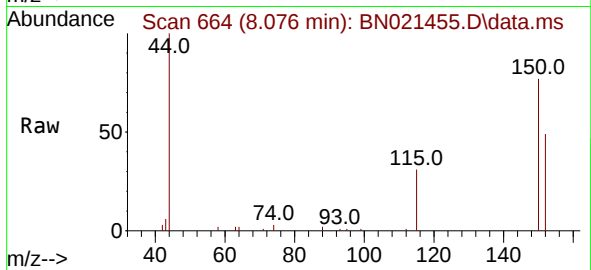
Quant Time: Aug 31 01:20:16 2022
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 29 16:30:43 2022
Response via : Initial Calibration



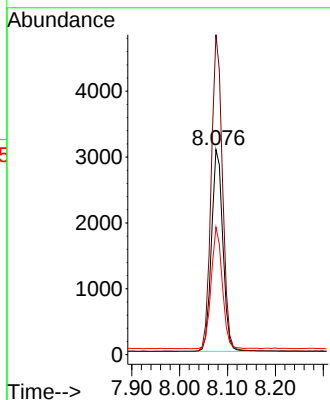
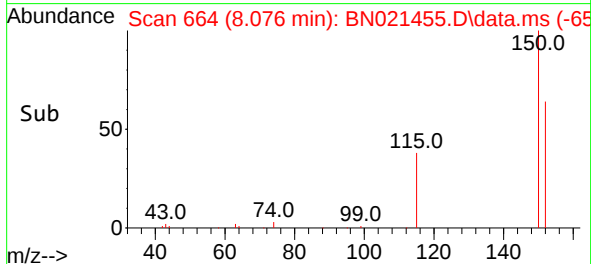


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.076 min Scan# 60
 Delta R.T. -0.007 min
 Lab File: BN021455.D
 Acq: 30 Aug 2022 14:18

Instrument :
 BNA_N
 ClientSampleId :
 DUP06-20220818DL

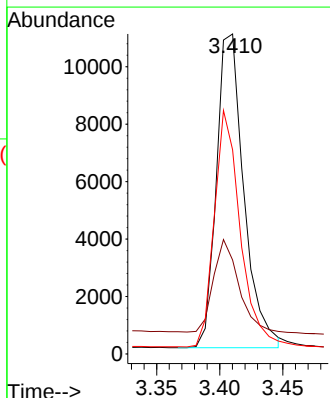
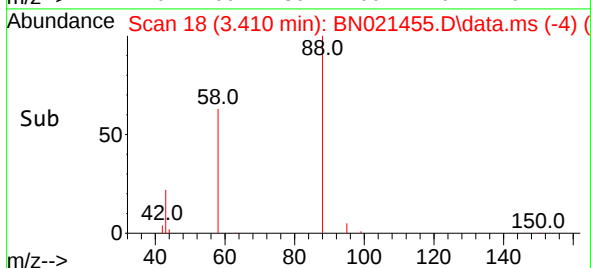
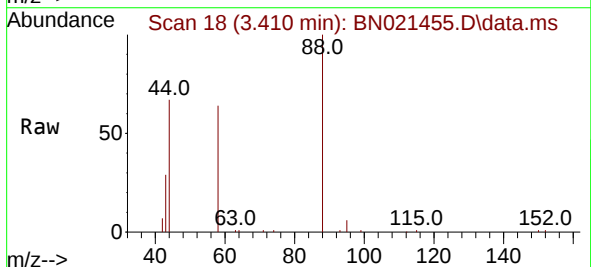


Tgt Ion:152 Resp: 5065
 Ion Ratio Lower Upper
 152 100
 150 156.0 121.4 182.0
 115 62.2 48.6 72.8



#2
 1,4-Dioxane
 Concen: 2.609 ng
 RT: 3.410 min Scan# 18
 Delta R.T. -0.000 min
 Lab File: BN021455.D
 Acq: 30 Aug 2022 14:18

Tgt Ion: 88 Resp: 16527
 Ion Ratio Lower Upper
 88 100
 43 27.0 35.8 53.8#
 58 70.6 57.1 85.7

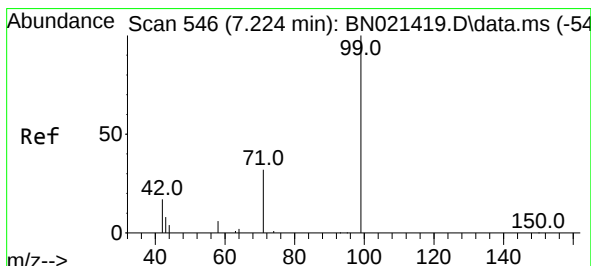
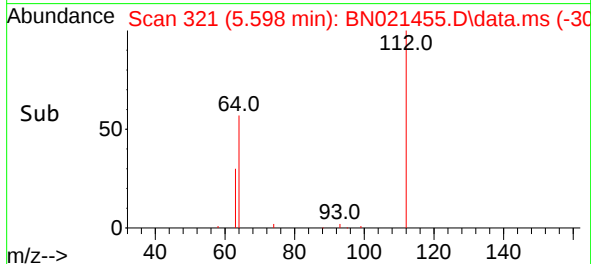
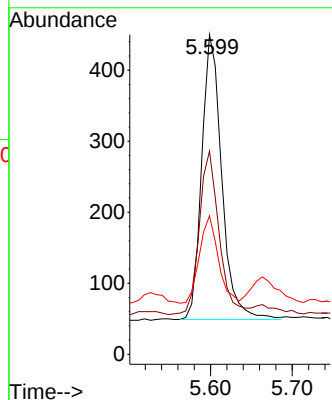
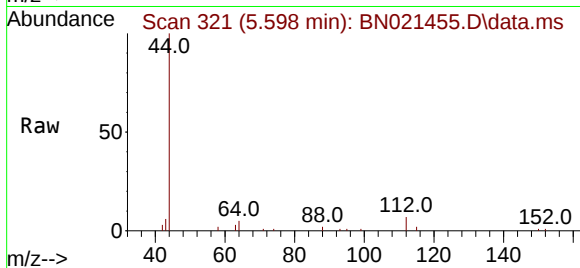




#4
2-Fluorophenol
Concen: 0.069 ng
RT: 5.598 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN021455.D
Acq: 30 Aug 2022 14:18

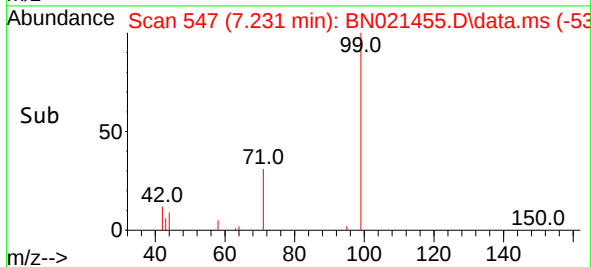
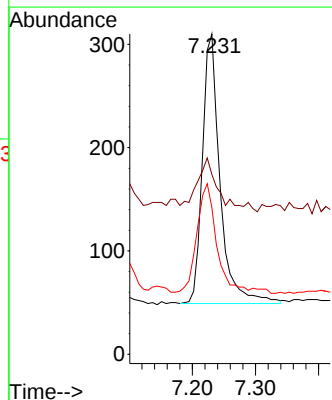
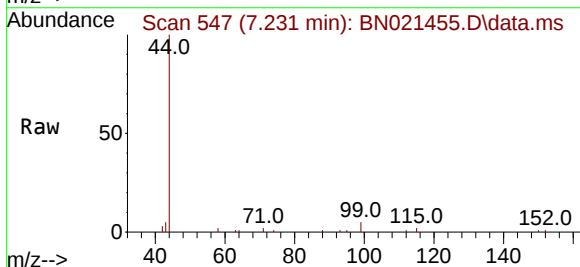
Instrument :
BNA_N
ClientSampleId :
DUP06-20220818DL

Tgt Ion:112 Resp: 686
Ion Ratio Lower Upper
112 100
64 56.1 43.5 65.3
63 28.6 22.6 34.0



#5
Phenol-d6
Concen: 0.040 ng
RT: 7.231 min Scan# 547
Delta R.T. 0.007 min
Lab File: BN021455.D
Acq: 30 Aug 2022 14:18

Tgt Ion: 99 Resp: 507
Ion Ratio Lower Upper
99 100
42 17.6 15.5 23.3
71 44.0 24.2 36.2#

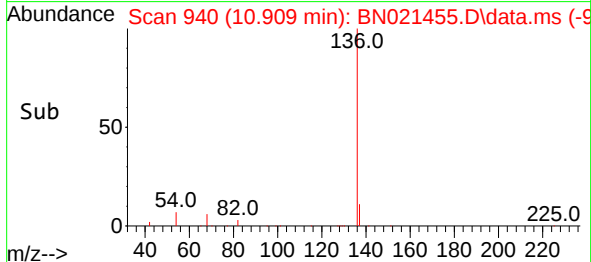
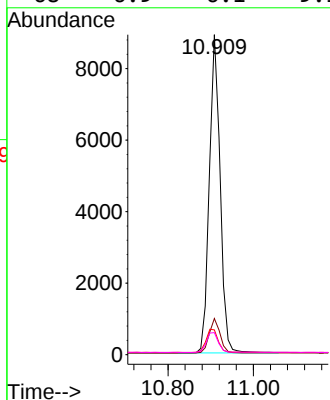
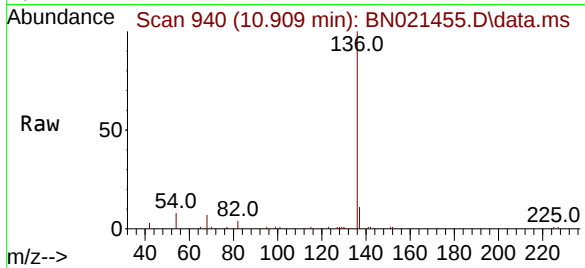




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.909 min Scan# 940
Delta R.T. -0.000 min
Lab File: BN021455.D
Acq: 30 Aug 2022 14:18

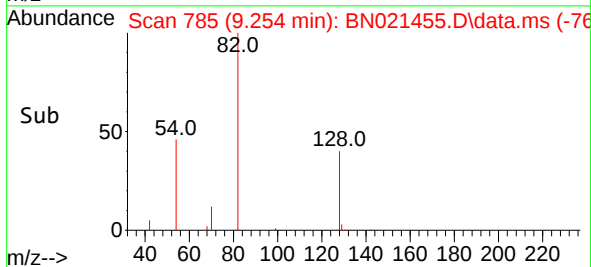
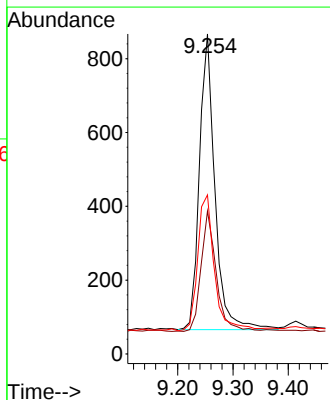
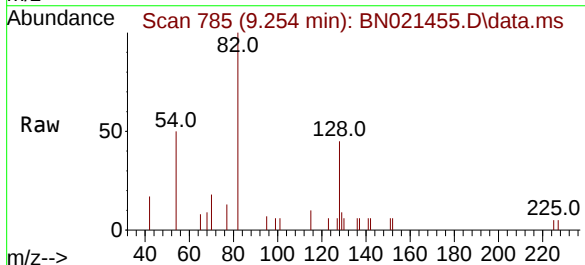
Instrument :
BNA_N
ClientSampleId :
DUP06-20220818DL

Tgt Ion:	136	Resp:	15632
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.3	13.9
54	7.7	6.9	10.3
68	6.9	6.1	9.1



#8
Nitrobenzene-d5
Concen: 0.149 ng
RT: 9.254 min Scan# 785
Delta R.T. -0.000 min
Lab File: BN021455.D
Acq: 30 Aug 2022 14:18

Tgt Ion:	82	Resp:	1568
Ion Ratio	Lower	Upper	
82	100		
128	44.6	30.9	46.3
54	49.7	42.7	64.1

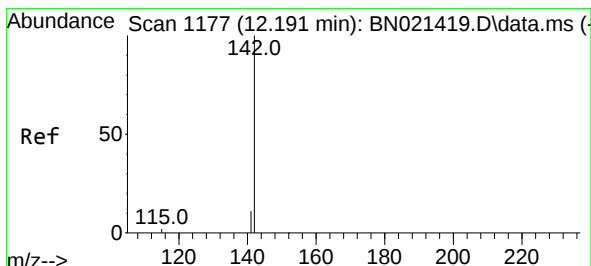
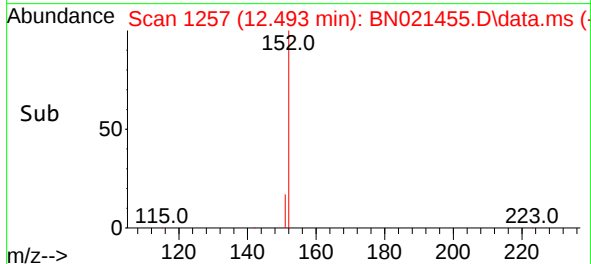
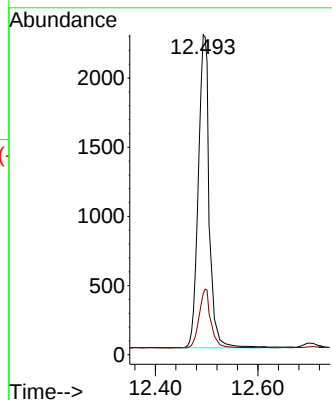
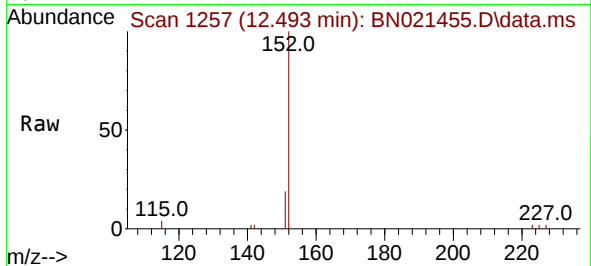




#11
2-Methylnaphthalene-d10
Concen: 0.157 ng
RT: 12.493 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN021455.D
Acq: 30 Aug 2022 14:18

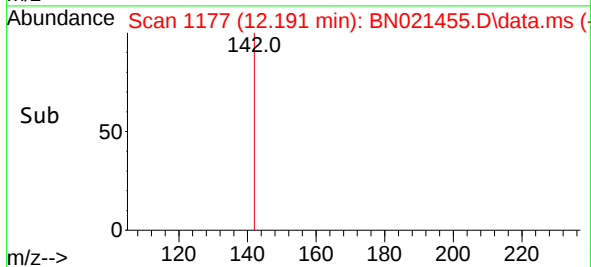
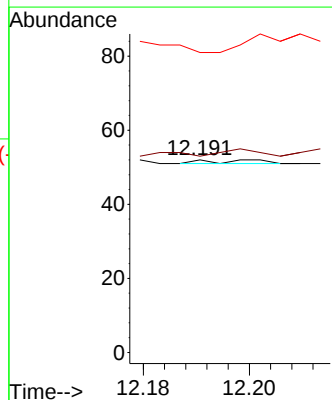
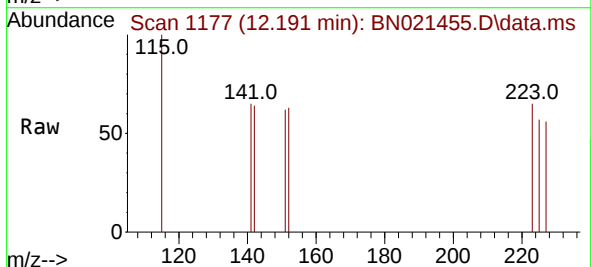
Instrument :
BNA_N
ClientSampleId :
DUP06-20220818DL

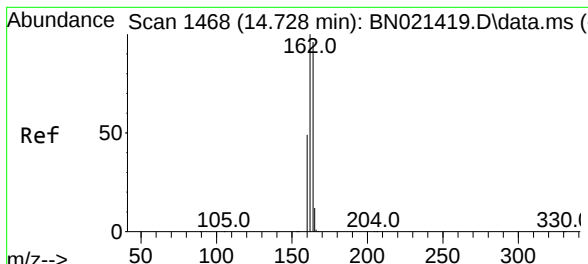
Tgt Ion:152 Resp: 5539
Ion Ratio Lower Upper
152 100
151 18.1 14.5 21.7



#12
2-Methylnaphthalene
Concen: 0.127 ng
RT: 12.191 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BN021455.D
Acq: 30 Aug 2022 14:18

Tgt Ion:142 Resp: 1
Ion Ratio Lower Upper
142 100
141 101.9 12.2 18.2#
115 155.8 7.9 11.9#

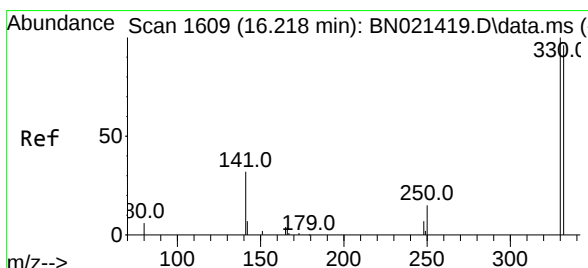
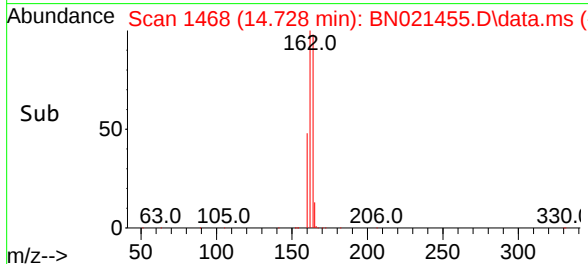
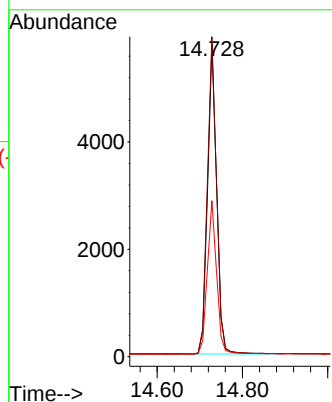
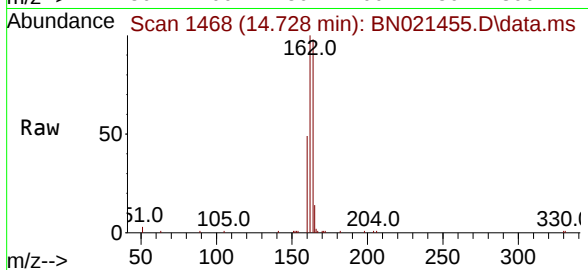




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.728 min Scan# 14
 Delta R.T. 0.000 min
 Lab File: BN021455.D
 Acq: 30 Aug 2022 14:18

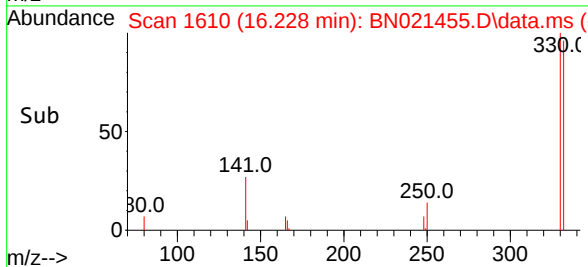
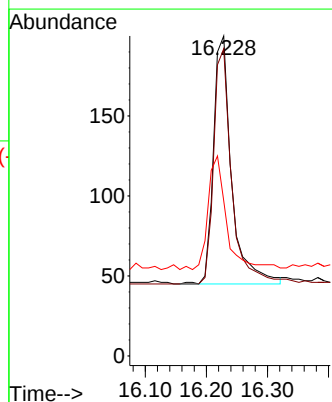
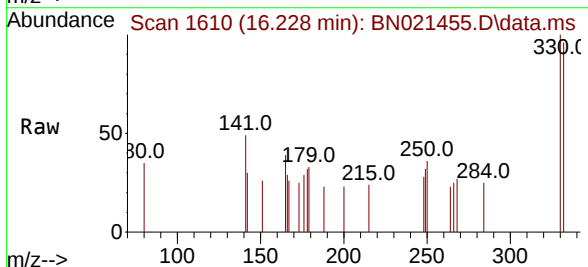
Instrument :
 BNA_N
 ClientSampleId :
 DUP06-20220818DL

Tgt Ion:164	Resp:	8563
Ion Ratio	Lower	Upper
164	100	
162	102.4	82.2 123.4
160	49.9	39.5 59.3



#14
 2,4,6-Tribromophenol
 Concen: 0.114 ng
 RT: 16.228 min Scan# 1610
 Delta R.T. 0.010 min
 Lab File: BN021455.D
 Acq: 30 Aug 2022 14:18

Tgt Ion:330	Resp:	321
Ion Ratio	Lower	Upper
330	100	
332	93.5	79.3 118.9
141	46.4	37.1 55.7

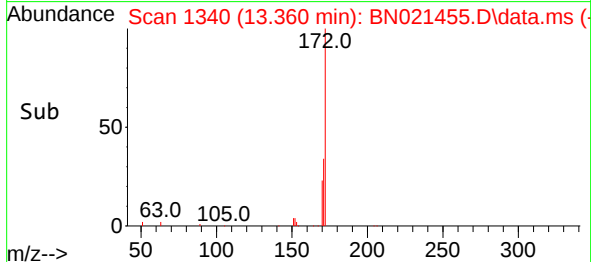
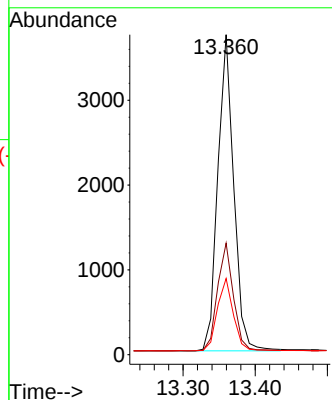
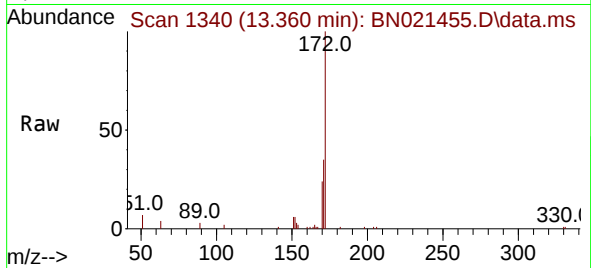




#15
2-Fluorobiphenyl
Concen: 0.152 ng
RT: 13.360 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN021455.D
Acq: 30 Aug 2022 14:18

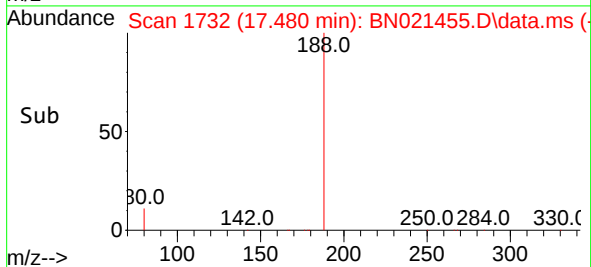
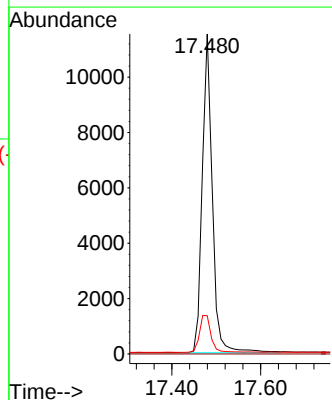
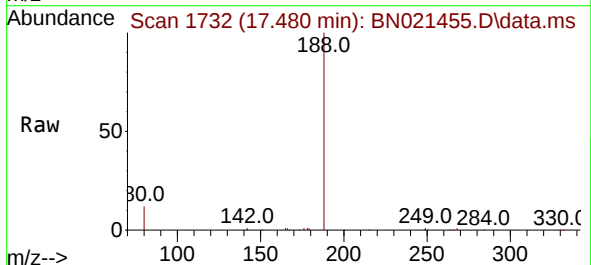
Instrument :
BNA_N
ClientSampleId :
DUP06-20220818DL

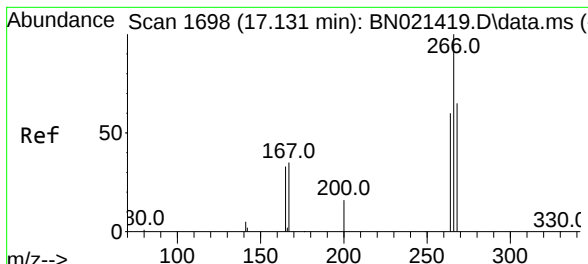
Tgt Ion:172 Resp: 5701
Ion Ratio Lower Upper
172 100
171 34.9 27.8 41.6
170 23.8 18.6 28.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.480 min Scan# 1732
Delta R.T. -0.000 min
Lab File: BN021455.D
Acq: 30 Aug 2022 14:18

Tgt Ion:188 Resp: 18138
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.0 9.5 14.3

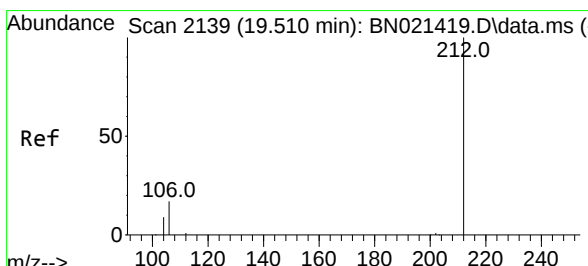
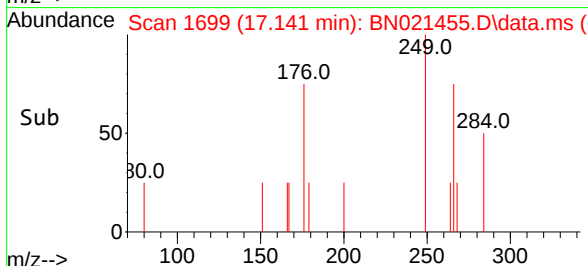
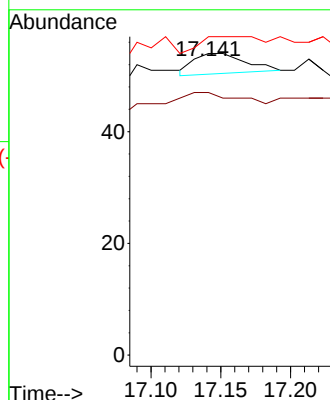
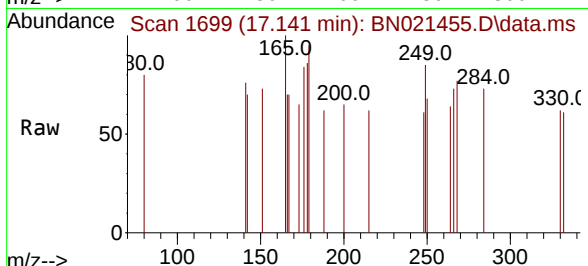




#24
 Pentachlorophenol
 Concen: 0.205 ng
 RT: 17.141 min Scan# 1699
 Delta R.T. 0.010 min
 Lab File: BN021455.D
 Acq: 30 Aug 2022 14:18

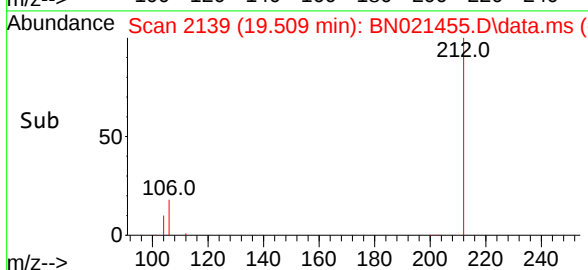
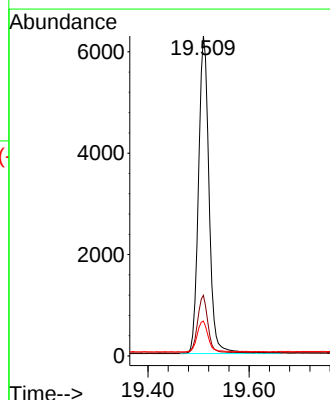
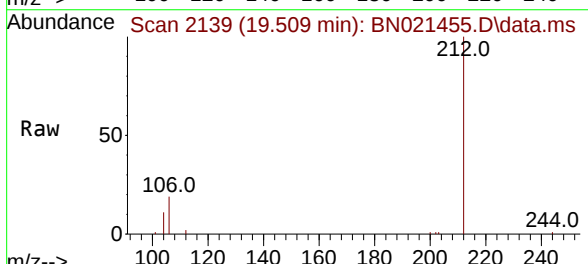
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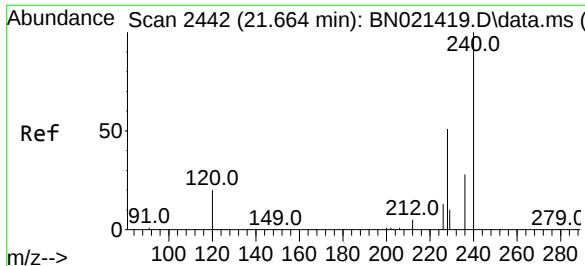
Tgt Ion:266	Resp:	10
Ion Ratio	Lower	Upper
266	100	
264	50.0	49.0 73.6
268	140.0	50.9 76.3#



#27
 Fluoranthene-d10
 Concen: 0.195 ng
 RT: 19.509 min Scan# 2139
 Delta R.T. -0.000 min
 Lab File: BN021455.D
 Acq: 30 Aug 2022 14:18

Tgt Ion:212	Resp:	9086
Ion Ratio	Lower	Upper
212	100	
106	17.8	14.2 21.2
104	9.9	7.8 11.6

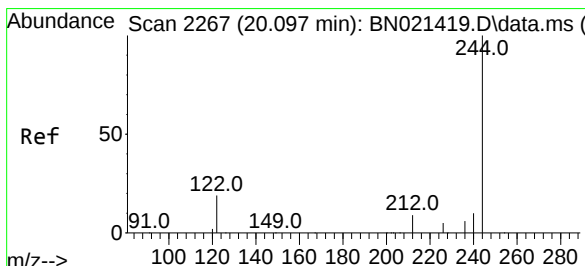
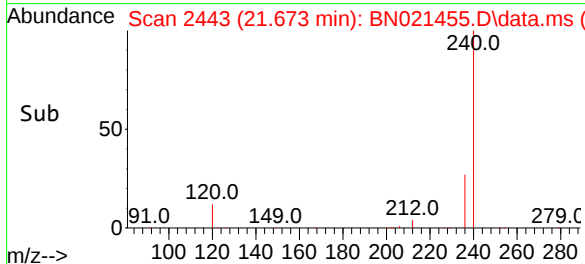
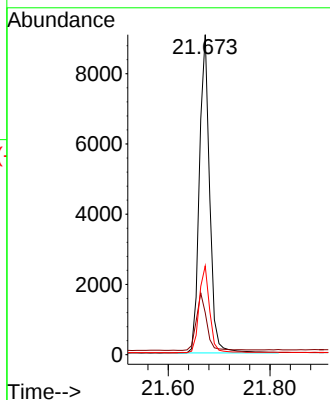
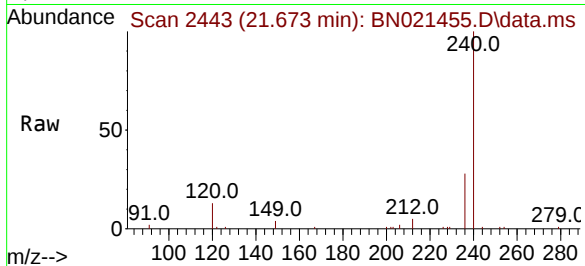




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.673 min Scan# 2443
Delta R.T. 0.009 min
Lab File: BN021455.D
Acq: 30 Aug 2022 14:18

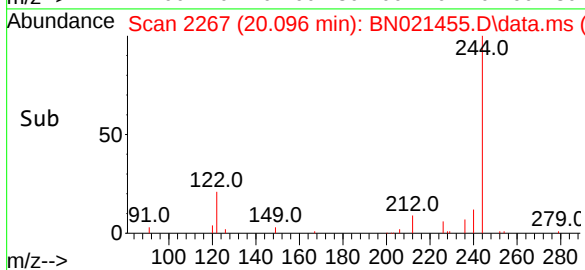
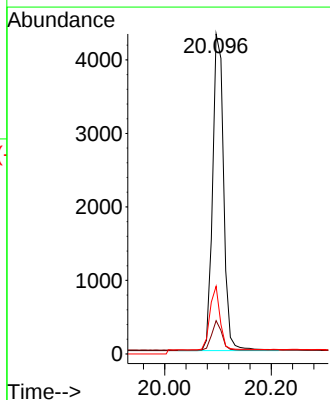
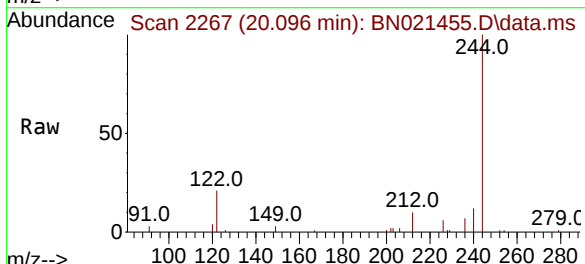
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DUP06-20220818DL

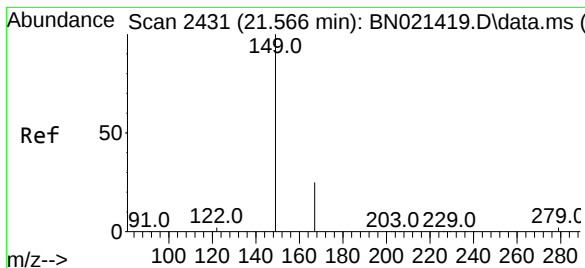
Tgt Ion:240 Resp: 12726
Ion Ratio Lower Upper
240 100
120 13.1 10.2 15.4
236 27.8 22.1 33.1



#31
Terphenyl-d14
Concen: 0.216 ng
RT: 20.096 min Scan# 2267
Delta R.T. -0.000 min
Lab File: BN021455.D
Acq: 30 Aug 2022 14:18

Tgt Ion:244 Resp: 6173
Ion Ratio Lower Upper
244 100
212 10.4 6.5 9.7#
122 21.1 9.1 13.7#

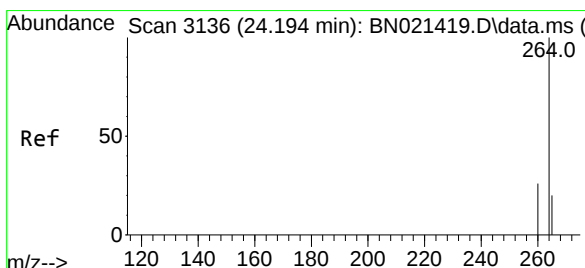
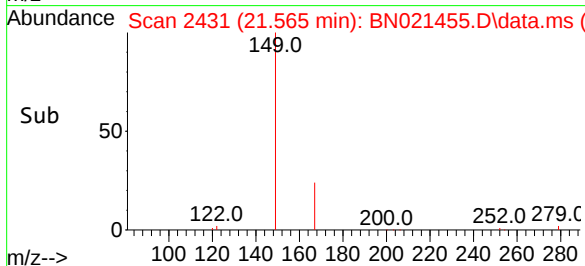
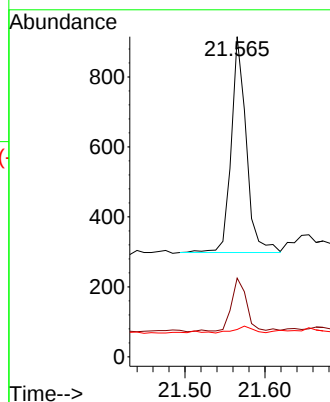
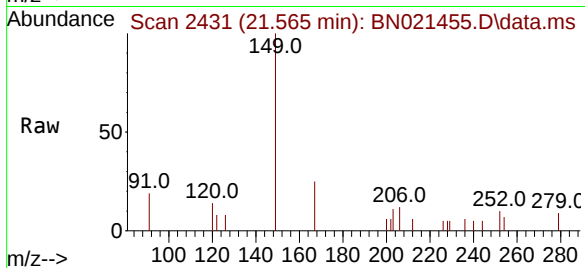




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.045 ng
 RT: 21.565 min Scan# 2431
 Delta R.T. -0.000 min
 Lab File: BN021455.D
 Acq: 30 Aug 2022 14:18

Instrument :
 BNA_N
 ClientSampleId :
 DUP06-20220818DL

Tgt Ion:149 Resp: 804
 Ion Ratio Lower Upper
 149 100
 167 23.6 21.4 32.0
 279 3.9 2.2 3.2#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.196 min Scan# 3137
 Delta R.T. 0.003 min
 Lab File: BN021455.D
 Acq: 30 Aug 2022 14:18

Tgt Ion:264 Resp: 9543
 Ion Ratio Lower Upper
 264 100
 260 27.3 21.0 31.6
 265 35.0 32.2 48.2

