

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091022\
 Data File : BN021666.D
 Acq On : 09 Sep 2022 18:21
 Operator : CG/JU
 Sample : N4471-12DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BR-03D-479.5-499.5-083122-HDL

Quant Time: Sep 09 23:22:22 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)

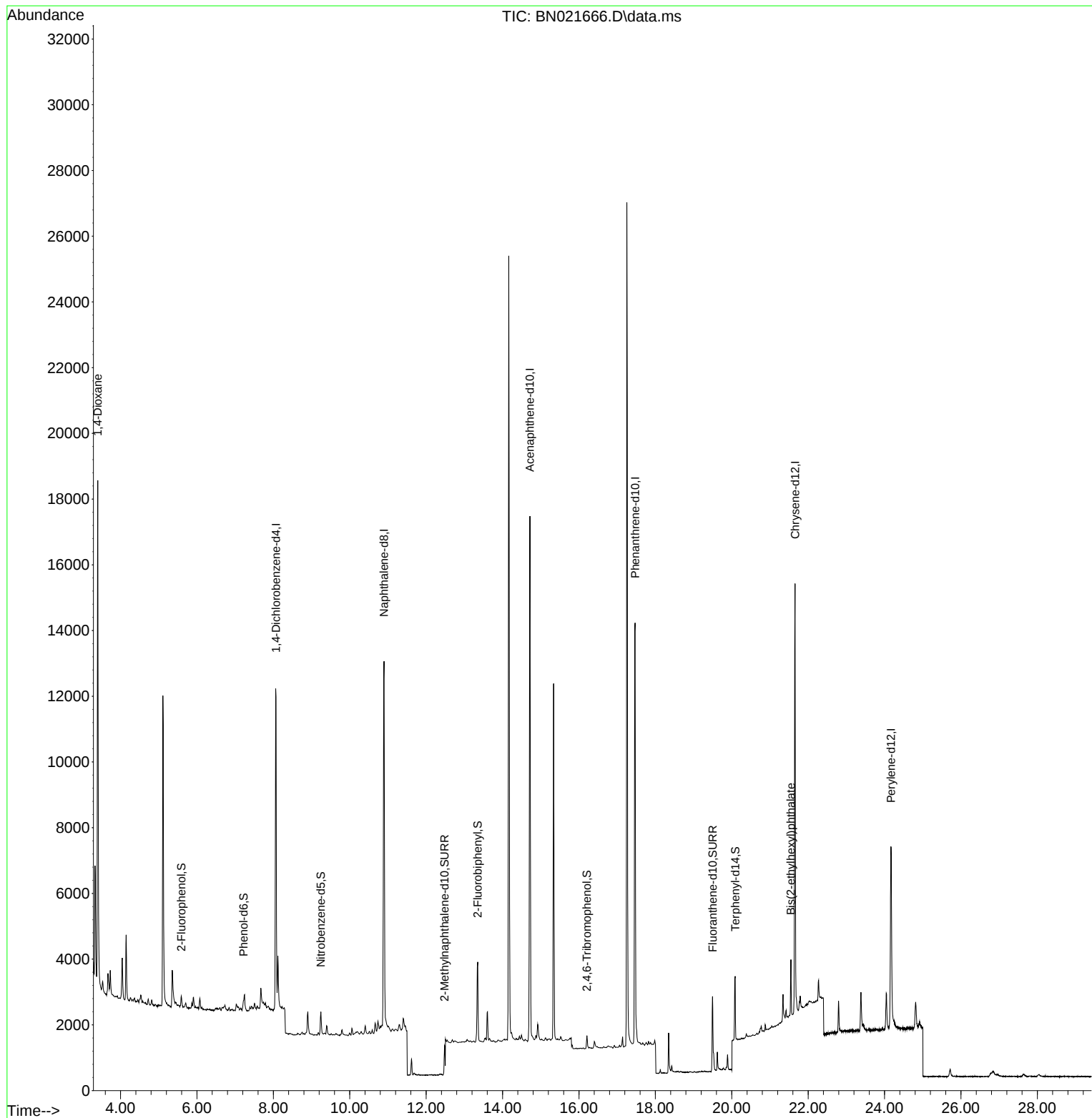
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.069	152	5120	0.400	ng	0.00
7) Naphthalene-d8	10.898	136	16418	0.400	ng	0.00
13) Acenaphthene-d10	14.718	164	9294	0.400	ng	0.00
19) Phenanthrene-d10	17.470	188	19254	0.400	ng	0.00
29) Chrysene-d12	21.655	240	12417	0.400	ng	0.00
35) Perylene-d12	24.170	264	9239	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.592	112	315	0.031	ng	0.00
5) Phenol-d6	7.217	99	283	0.022	ng	0.00
8) Nitrobenzene-d5	9.243	82	692	0.062	ng	0.01
11) 2-Methylnaphthalene-d10	12.482	152	2183	0.059	ng	0.00
14) 2,4,6-Tribromophenol	16.208	330	204	0.067	ng	0.00
15) 2-Fluorobiphenyl	13.349	172	2402	0.059	ng	0.01
27) Fluoranthene-d10	19.497	212	2442	0.049	ng	0.00
31) Terphenyl-d14	20.088	244	1877	0.067	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.403	88	10397	1.624	ng	Qvalue # 89
34) Bis(2-ethylhexyl)phtha...	21.548	149	1698	0.097	ng	94

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

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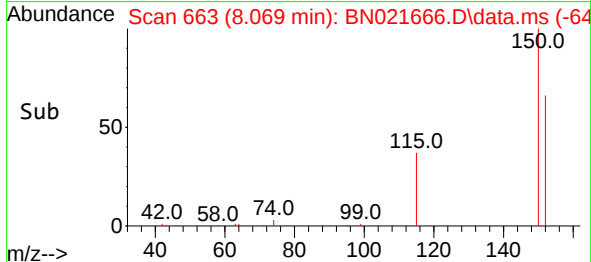
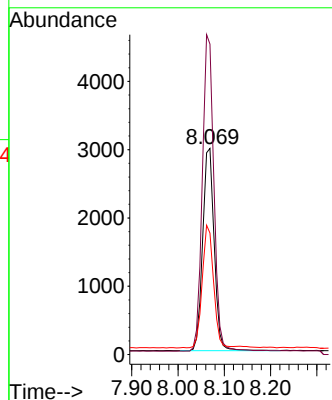
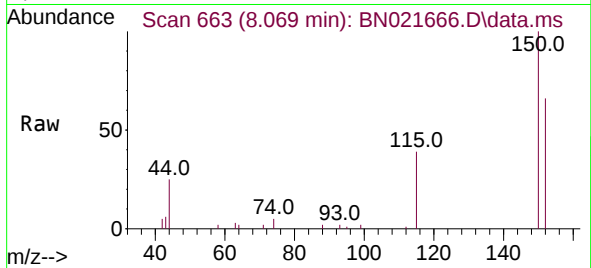




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.069 min Scan# 60
 Delta R.T. 0.007 min
 Lab File: BN021666.D
 Acq: 09 Sep 2022 18:21

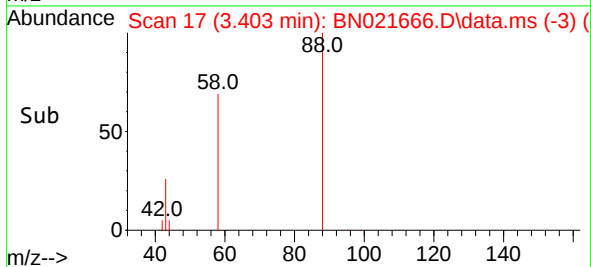
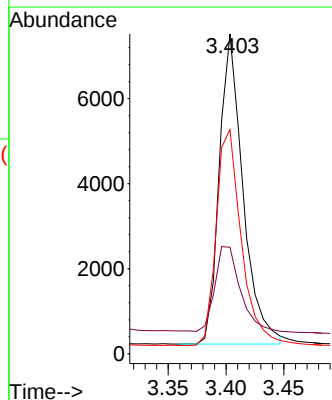
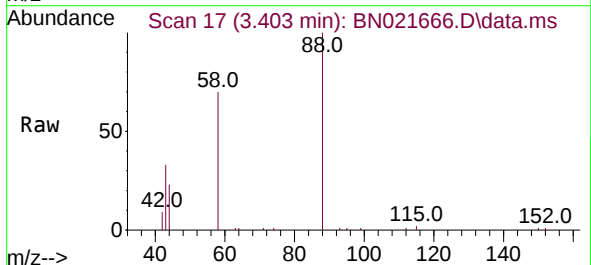
Instrument :
 BNA_N
 ClientSampleId :
 BR-03D-479.5-499.5-083122-HDL

Tgt Ion:152 Resp: 5120
 Ion Ratio Lower Upper
 152 100
 150 150.6 121.4 182.0
 115 58.9 48.6 72.8



#2
 1,4-Dioxane
 Concen: 1.624 ng
 RT: 3.403 min Scan# 17
 Delta R.T. 0.000 min
 Lab File: BN021666.D
 Acq: 09 Sep 2022 18:21

Tgt Ion: 88 Resp: 10397
 Ion Ratio Lower Upper
 88 100
 43 29.1 35.8 53.8#
 58 73.8 57.1 85.7

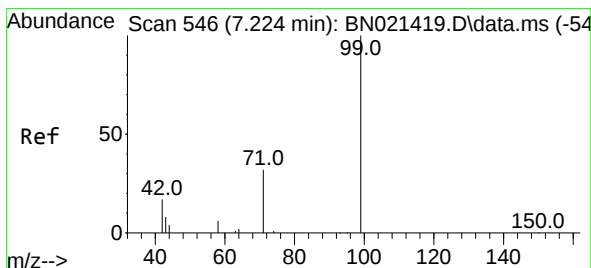
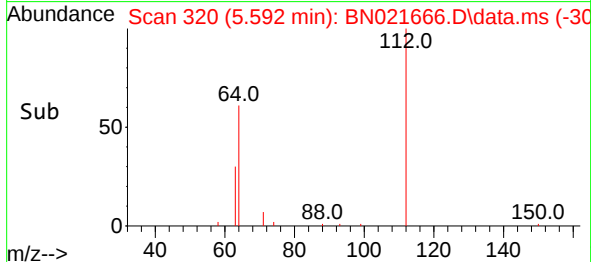
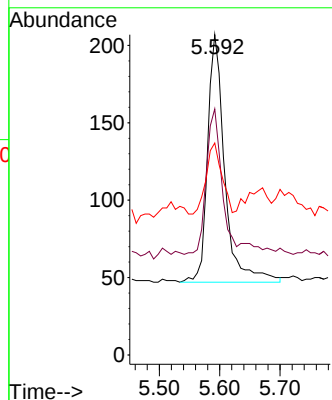
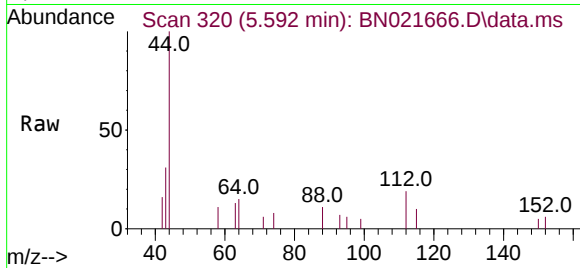




#4
2-Fluorophenol
Concen: 0.031 ng
RT: 5.592 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN021666.D
Acq: 09 Sep 2022 18:21

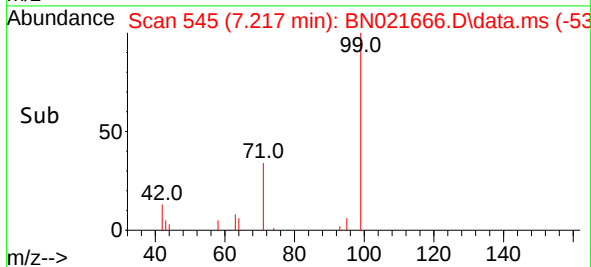
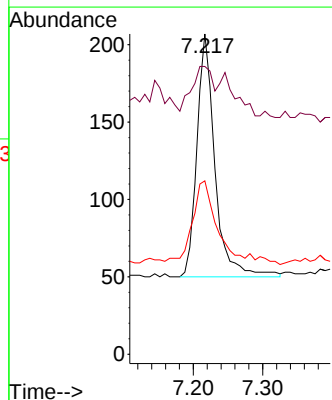
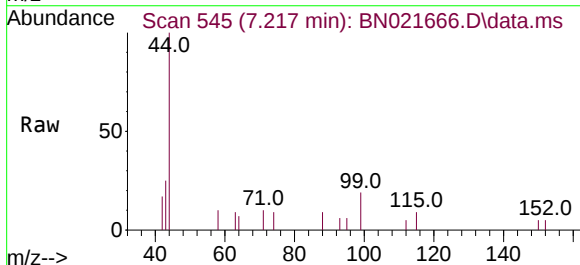
Instrument :
BNA_N
ClientSampleId :
BR-03D-479.5-499.5-083122-HDL

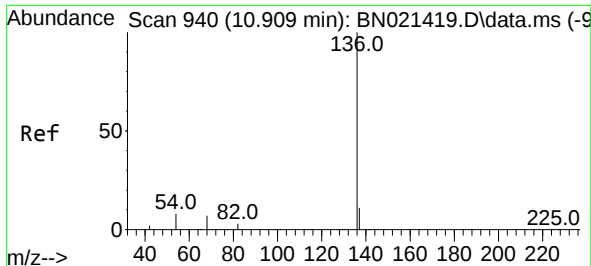
Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.3	43.5	65.3
63	26.0	22.6	34.0



#5
Phenol-d6
Concen: 0.022 ng
RT: 7.217 min Scan# 545
Delta R.T. 0.000 min
Lab File: BN021666.D
Acq: 09 Sep 2022 18:21

Tgt Ion	Ratio	Lower	Upper
99	100		
42	20.8	15.5	23.3
71	42.0	24.2	36.2

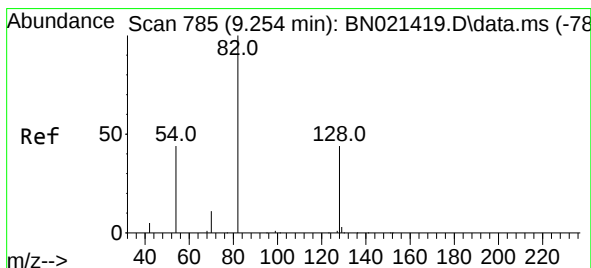
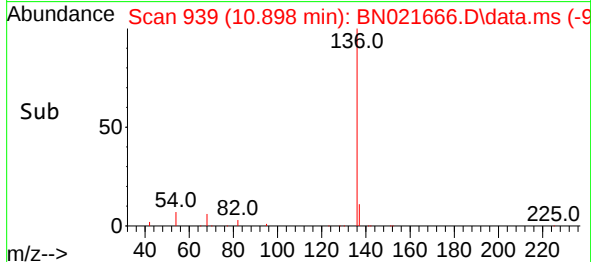
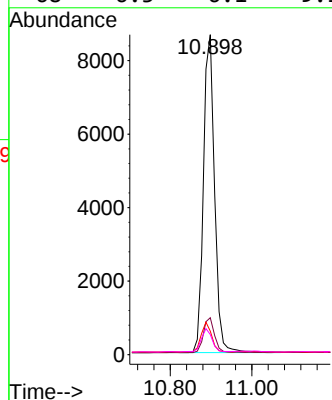
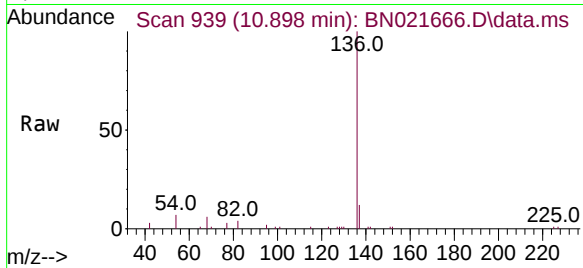




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.898 min Scan# 940
Delta R.T. 0.000 min
Lab File: BN021666.D
Acq: 09 Sep 2022 18:21

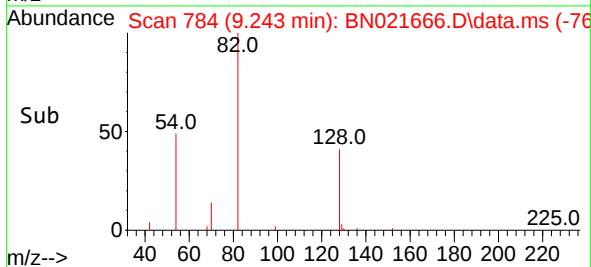
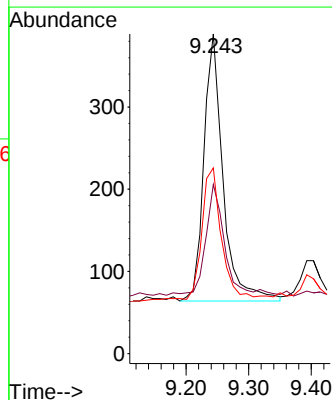
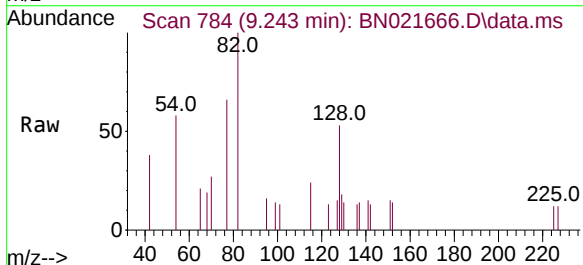
Instrument :
BNA_N
ClientSampleId :
BR-03D-479.5-499.5-083122-HDL

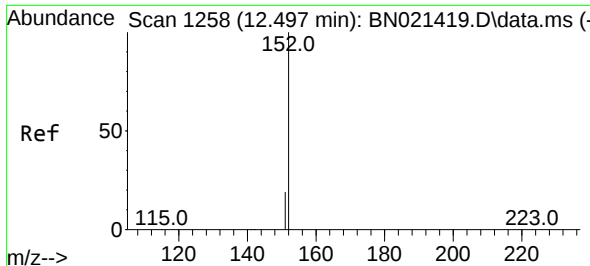
Tgt Ion:	136	Resp:	16418
Ion Ratio	Lower	Upper	
136	100		
137	11.5	9.3	13.9
54	7.3	6.9	10.3
68	6.3	6.1	9.1



#8
Nitrobenzene-d5
Concen: 0.062 ng
RT: 9.243 min Scan# 784
Delta R.T. 0.011 min
Lab File: BN021666.D
Acq: 09 Sep 2022 18:21

Tgt Ion:	82	Resp:	692
Ion Ratio	Lower	Upper	
82	100		
128	53.0	30.9	46.3
54	58.1	42.7	64.1

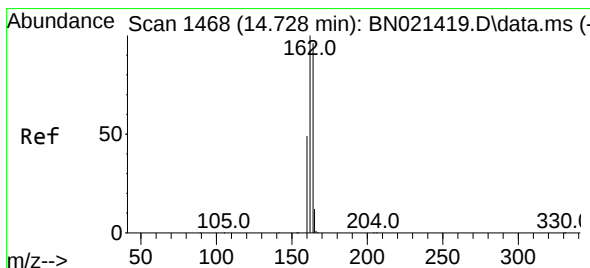
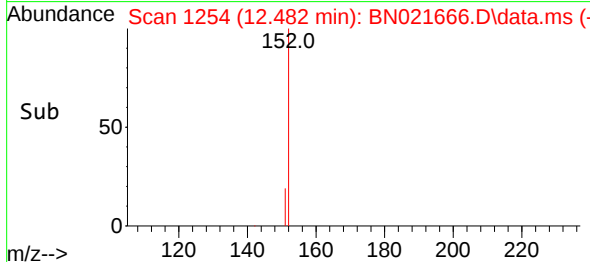
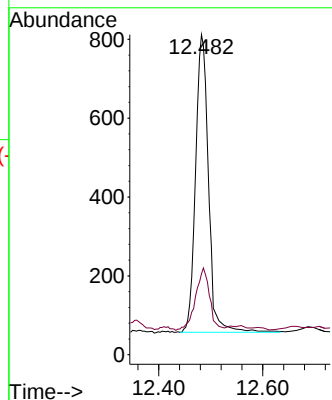
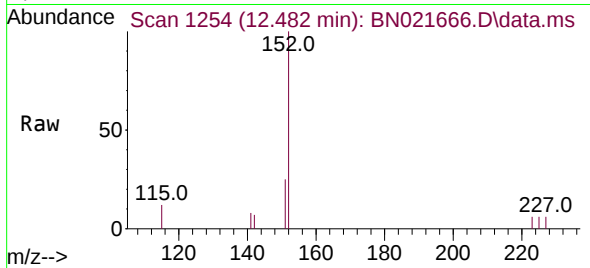




#11
2-Methylnaphthalene-d10
Concen: 0.059 ng
RT: 12.482 min Scan# 11
Delta R.T. 0.004 min
Lab File: BN021666.D
Acq: 09 Sep 2022 18:21

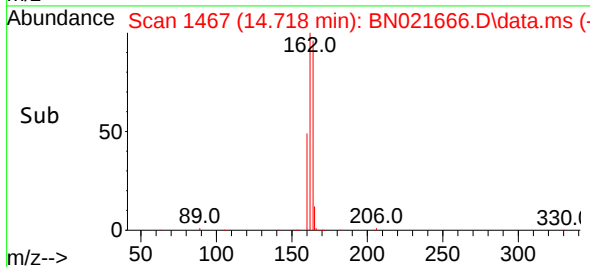
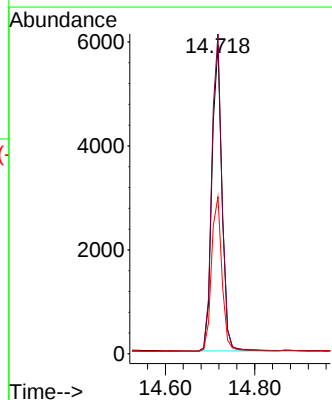
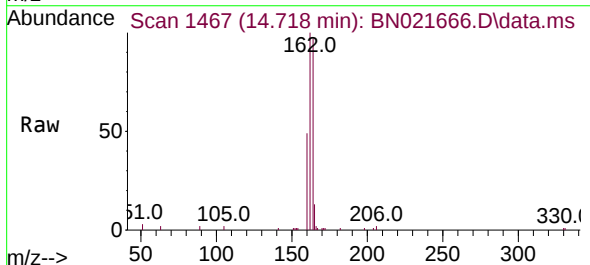
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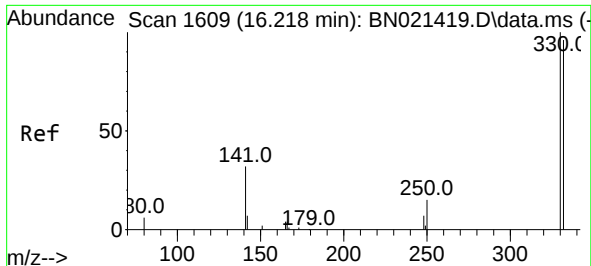
Tgt Ion:152 Resp: 2183
Ion Ratio Lower Upper
152 100
151 15.4 14.5 21.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.718 min Scan# 1467
Delta R.T. 0.000 min
Lab File: BN021666.D
Acq: 09 Sep 2022 18:21

Tgt Ion:164 Resp: 9294
Ion Ratio Lower Upper
164 100
162 103.6 82.2 123.4
160 50.8 39.5 59.3

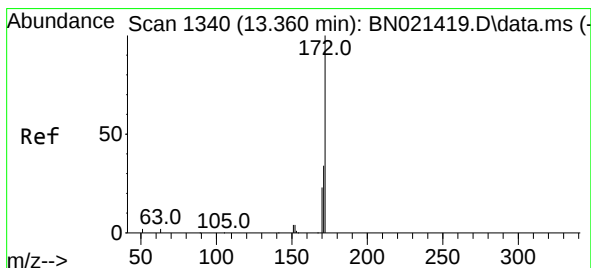
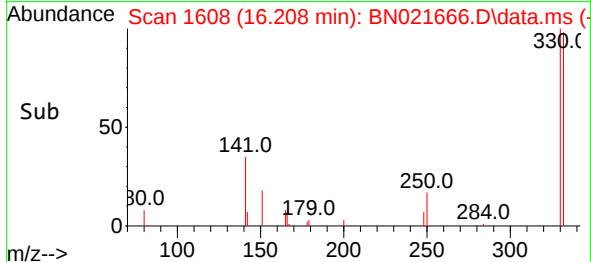
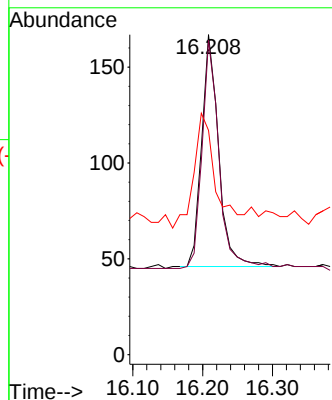
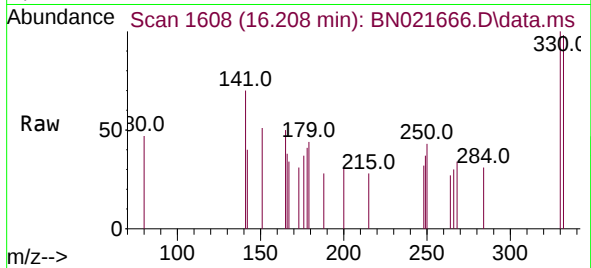




#14
2,4,6-Tribromophenol
Concen: 0.067 ng
RT: 16.208 min Scan# 1608
Delta R.T. 0.000 min
Lab File: BN021666.D
Acq: 09 Sep 2022 18:21

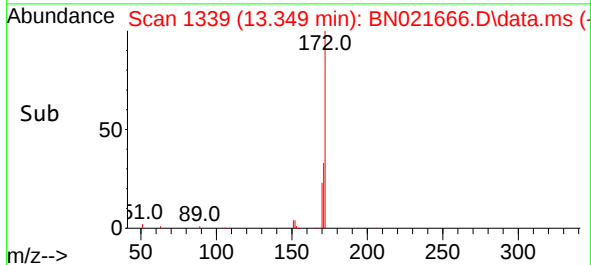
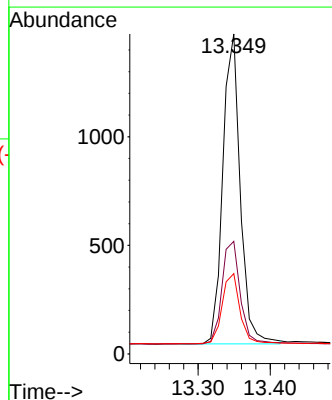
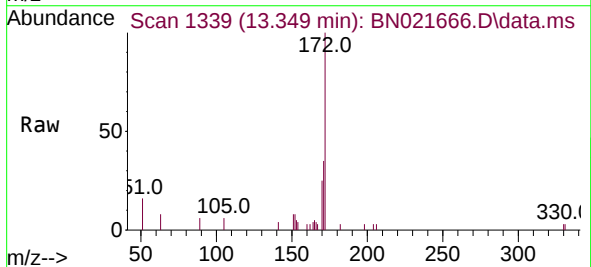
Instrument :
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BR-03D-479.5-499.5-083122-HDL

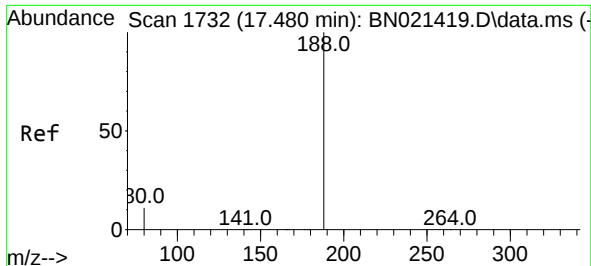
Tgt Ion:330 Resp: 204
Ion Ratio Lower Upper
330 100
332 99.0 79.3 118.9
141 63.2 37.1 55.7#



#15
2-Fluorobiphenyl
Concen: 0.059 ng
RT: 13.349 min Scan# 1339
Delta R.T. 0.011 min
Lab File: BN021666.D
Acq: 09 Sep 2022 18:21

Tgt Ion:172 Resp: 2402
Ion Ratio Lower Upper
172 100
171 35.2 27.8 41.6
170 25.1 18.6 28.0





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.470 min Scan# 1732

Delta R.T. 0.000 min

Lab File: BN021666.D

Acq: 09 Sep 2022 18:21

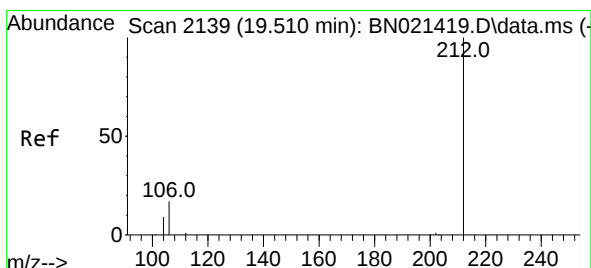
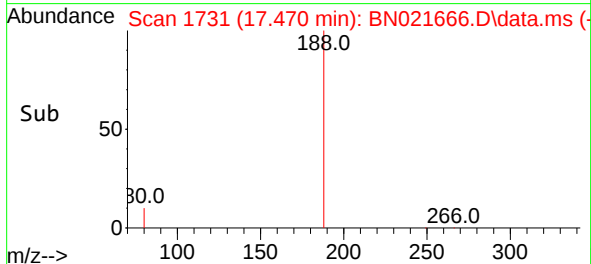
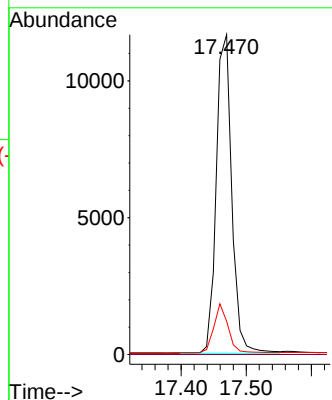
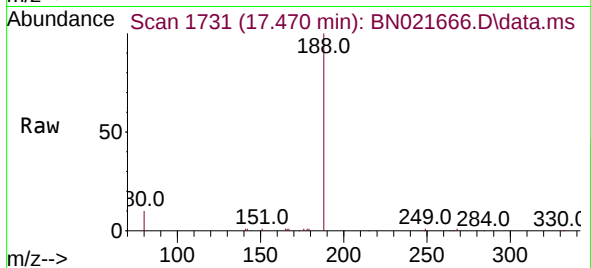
Instrument :

BNA_N

ClientSampleId :

BR-03D-479.5-499.5-083122-HDL

Tgt Ion:188	Resp:	19254
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	10.4	9.5 14.3



#27

Fluoranthene-d10

Concen: 0.049 ng

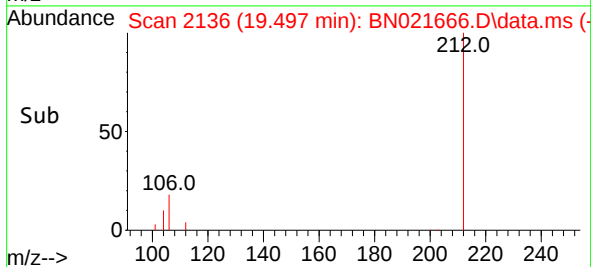
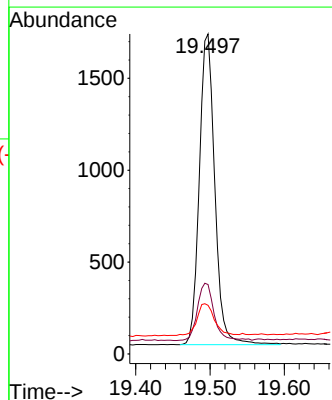
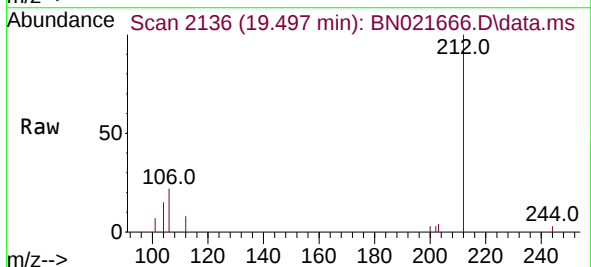
RT: 19.497 min Scan# 2136

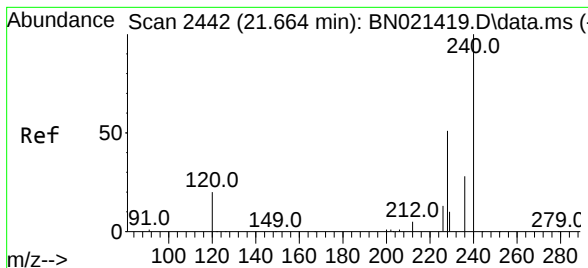
Delta R.T. 0.000 min

Lab File: BN021666.D

Acq: 09 Sep 2022 18:21

Tgt Ion:212	Resp:	2442
Ion Ratio	Lower	Upper
212	100	
106	19.5	14.2 21.2
104	11.4	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: BN021666.D

Acq: 09 Sep 2022 18:21

Instrument :

BNA_N

ClientSampleId :

BR-03D-479.5-499.5-083122-HDL

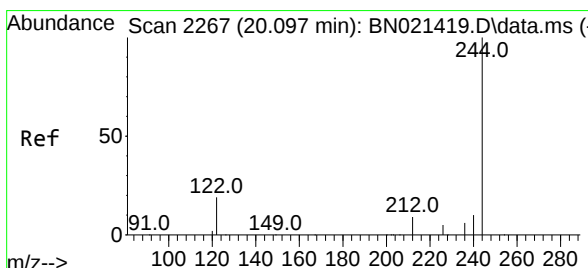
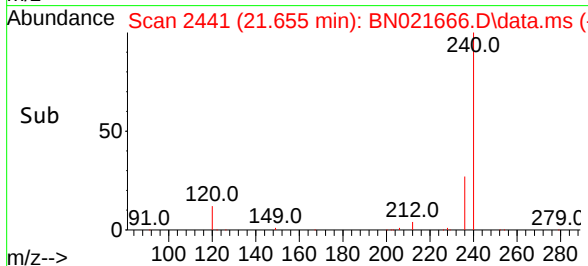
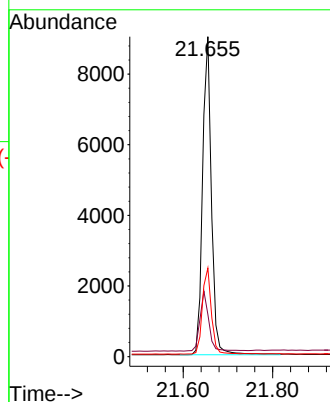
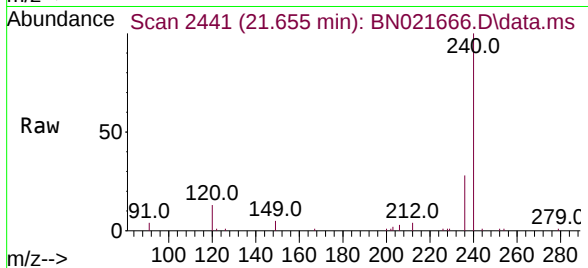
Tgt Ion:240 Resp: 12417

Ion Ratio Lower Upper

240 100

120 13.2 10.2 15.4

236 27.7 22.1 33.1



#31

Terphenyl-d14

Concen: 0.067 ng

RT: 20.088 min Scan# 2266

Delta R.T. 0.000 min

Lab File: BN021666.D

Acq: 09 Sep 2022 18:21

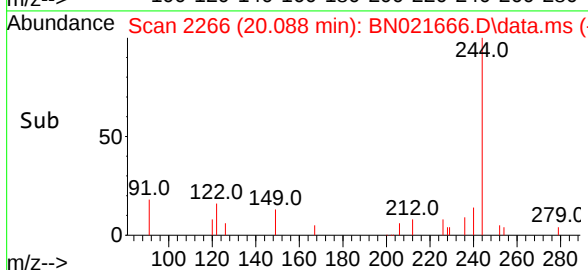
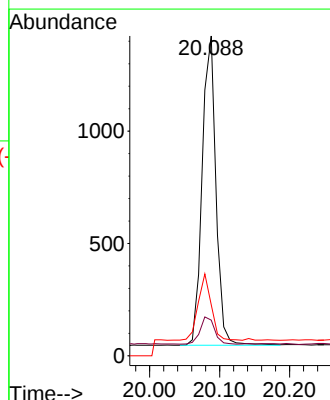
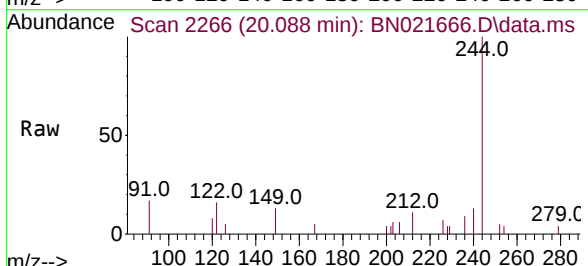
Tgt Ion:244 Resp: 1877

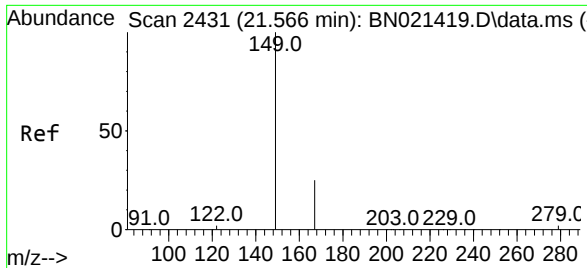
Ion Ratio Lower Upper

244 100

212 11.2 6.5 9.7#

122 15.9 9.1 13.7#

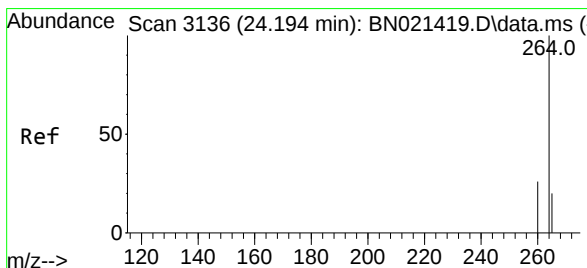
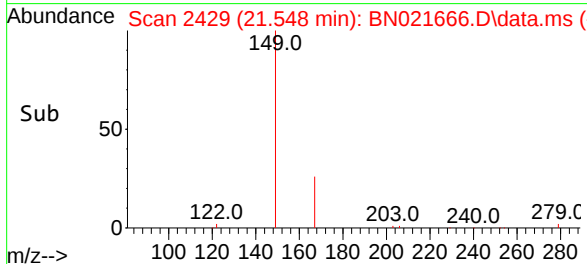
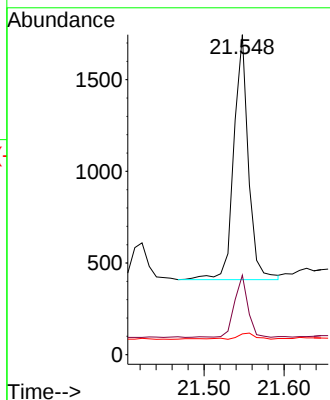
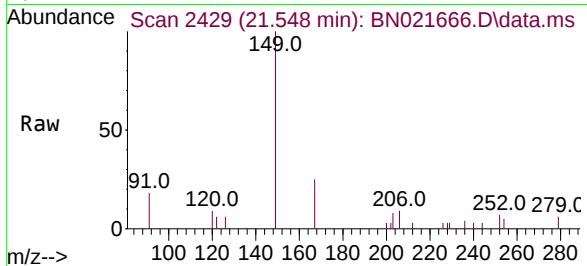




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.097 ng
 RT: 21.548 min Scan# 2431
 Delta R.T. 0.000 min
 Lab File: BN021666.D
 Acq: 09 Sep 2022 18:21

Instrument :
 BNA_N
 ClientSampleId :
 BR-03D-479.5-499.5-083122-HDL

Tgt Ion:149 Resp: 1698
 Ion Ratio Lower Upper
 149 100
 167 23.5 21.4 32.0
 279 2.7 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: BN021666.D
 Acq: 09 Sep 2022 18:21

Tgt Ion:264 Resp: 9239
 Ion Ratio Lower Upper
 264 100
 260 27.1 21.0 31.6
 265 45.6 32.2 48.2

