

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090122\
 Data File : BN021556.D
 Acq On : 02 Sep 2022 11:09
 Operator : CG/JU
 Sample : N4357-14DL 2X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE125D1-20220823DL

Quant Time: Sep 03 00:08:32 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 02 00:53:31 2022
 Response via : Initial Calibration

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

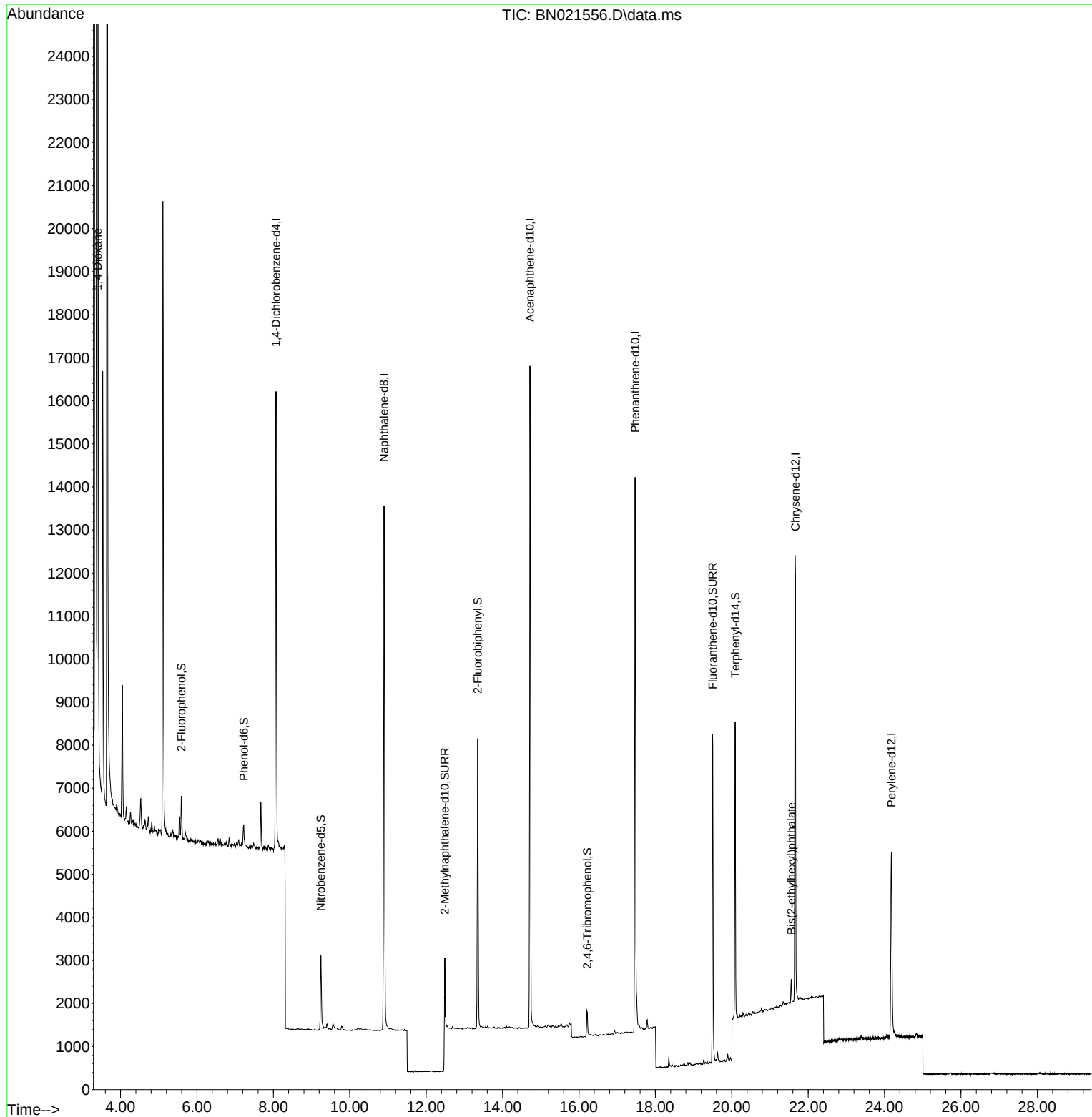
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.069	152	5200	0.400	ng	0.00
7) Naphthalene-d8	10.898	136	16439	0.400	ng	0.00
13) Acenaphthene-d10	14.718	164	8948	0.400	ng	0.00
19) Phenanthrene-d10	17.470	188	18319	0.400	ng	0.00
29) Chrysene-d12	21.664	240	10560	0.400	ng	0.00
35) Perylene-d12	24.176	264	7044	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.592	112	826	0.081	ng	0.00
5) Phenol-d6	7.224	99	608	0.047	ng	0.00
8) Nitrobenzene-d5	9.243	82	1625	0.146	ng	0.00
11) 2-Methylnaphthalene-d10	12.486	152	5654	0.153	ng	0.00
14) 2,4,6-Tribromophenol	16.219	330	418	0.142	ng	0.00
15) 2-Fluorobiphenyl	13.349	172	5992	0.153	ng	0.00
27) Fluoranthene-d10	19.497	212	8434	0.179	ng	0.00
31) Terphenyl-d14	20.088	244	5845	0.246	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.403	88	20811	3.200	ng	Qvalue # 90
34) Bis(2-ethylhexyl)phtha...	21.557	149	560	0.038	ng	# 98

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

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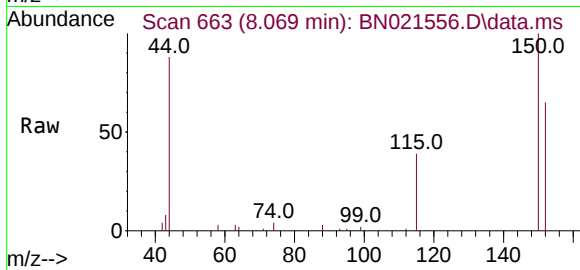
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 02 00:53:31 2022
Response via : Initial Calibration



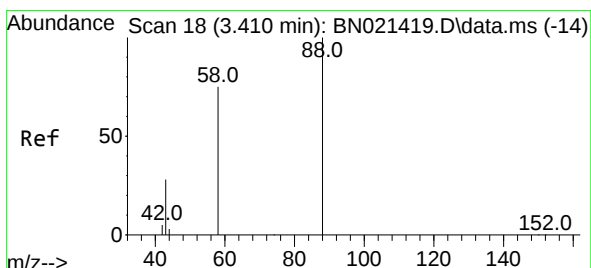
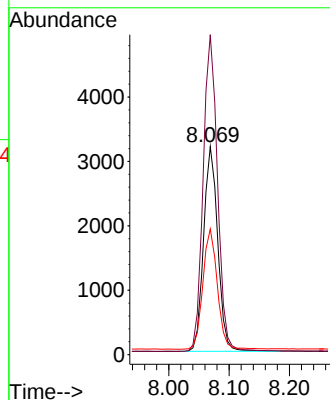
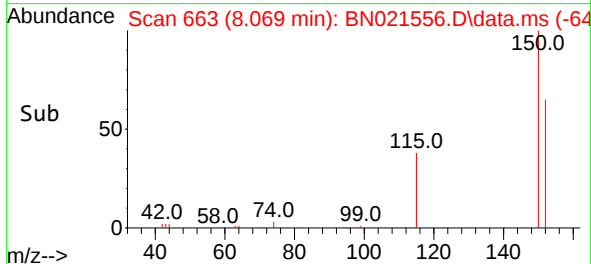


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.069 min Scan# 60
 Delta R.T. -0.000 min
 Lab File: BN021556.D
 Acq: 02 Sep 2022 11:09

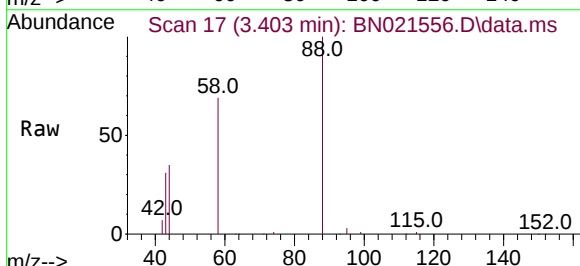
Instrument :
 BNA_N
 ClientSampleId :
 RE125D1-20220823DL



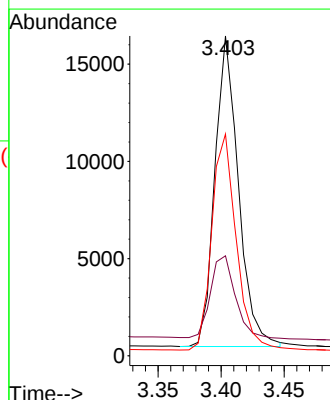
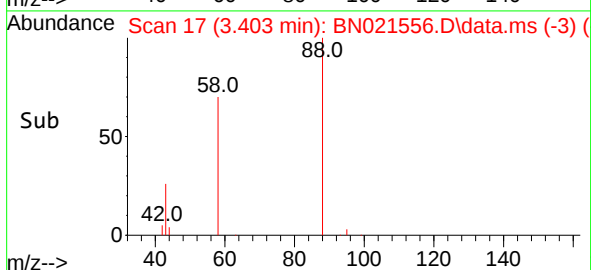
Tgt Ion:152 Resp: 5200
 Ion Ratio Lower Upper
 152 100
 150 153.8 121.4 182.0
 115 60.4 48.6 72.8



#2
 1,4-Dioxane
 Concen: 3.200 ng
 RT: 3.403 min Scan# 17
 Delta R.T. 0.000 min
 Lab File: BN021556.D
 Acq: 02 Sep 2022 11:09



Tgt Ion: 88 Resp: 20811
 Ion Ratio Lower Upper
 88 100
 43 28.0 35.8 53.8#
 58 72.1 57.1 85.7





#4

2-Fluorophenol

Concen: 0.081 ng

RT: 5.592 min Scan# 321

Delta R.T. 0.000 min

Lab File: BN021556.D

Acq: 02 Sep 2022 11:09

Instrument :

BNA_N

ClientSampleId :

RE125D1-20220823DL

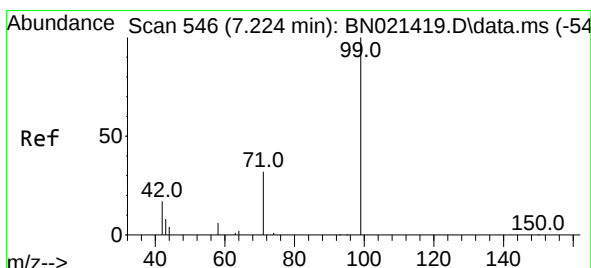
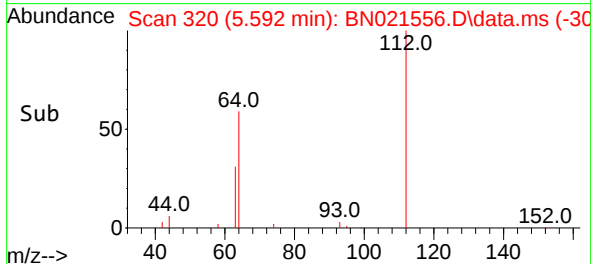
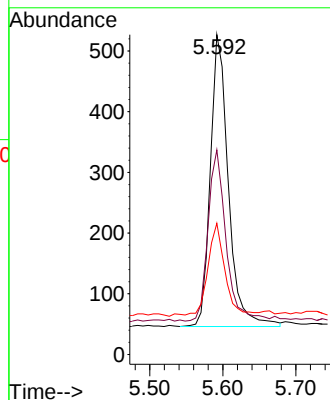
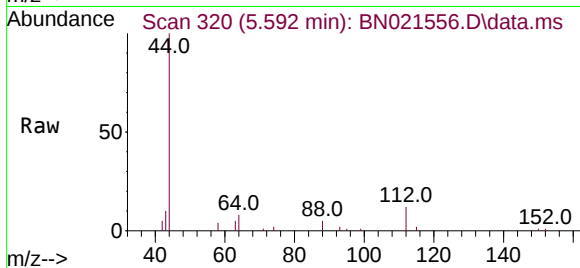
Tgt Ion:112 Resp: 826

Ion Ratio Lower Upper

112 100

64 58.2 43.5 65.3

63 30.6 22.6 34.0



#5

Phenol-d6

Concen: 0.047 ng

RT: 7.224 min Scan# 546

Delta R.T. 0.007 min

Lab File: BN021556.D

Acq: 02 Sep 2022 11:09

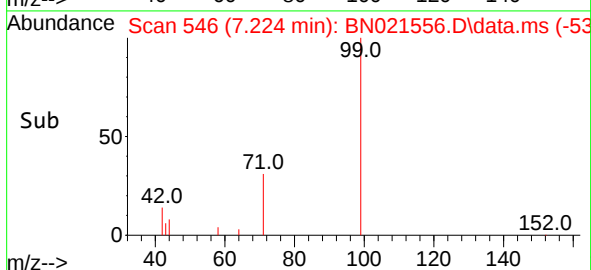
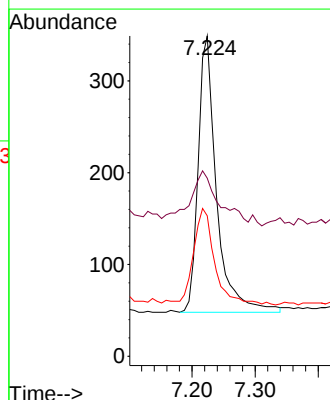
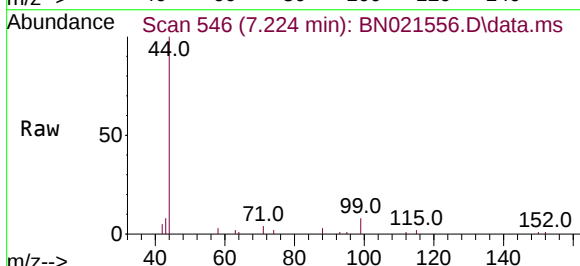
Tgt Ion: 99 Resp: 608

Ion Ratio Lower Upper

99 100

42 27.8 15.5 23.3#

71 41.4 24.2 36.2#

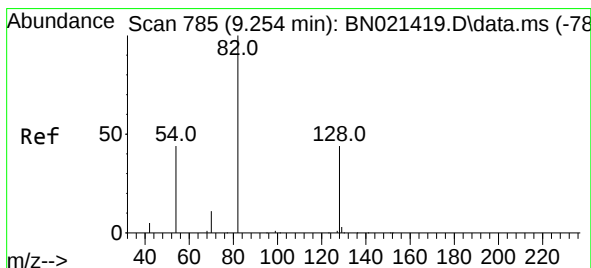
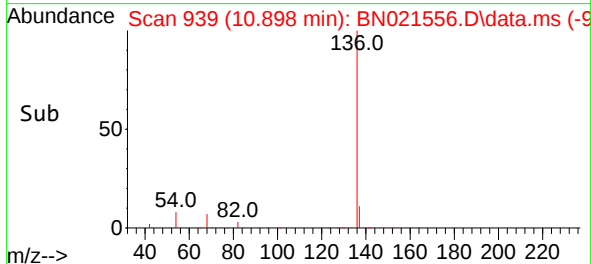
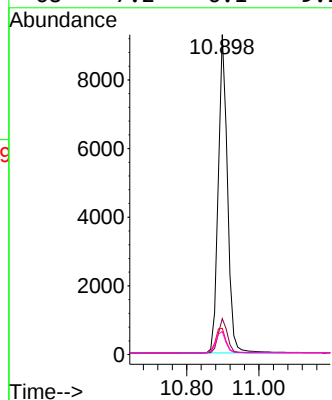
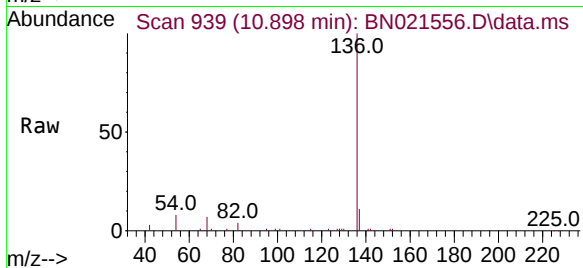




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.898 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN021556.D
Acq: 02 Sep 2022 11:09

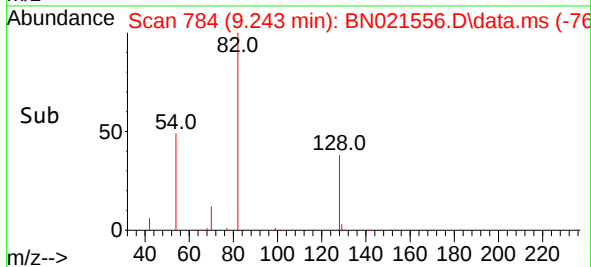
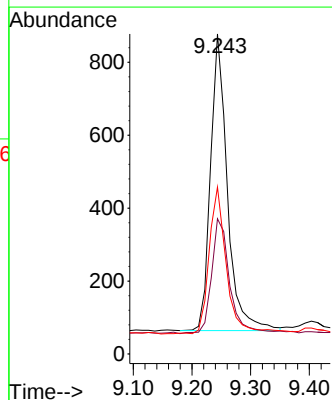
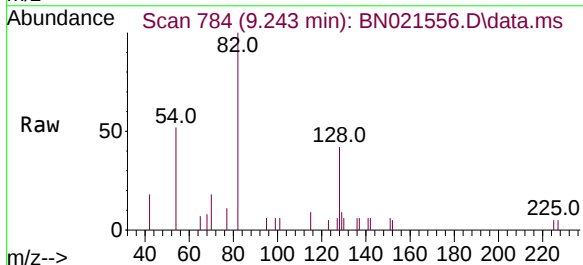
Instrument :
BNA_N
ClientSampleId :
RE125D1-20220823DL

Tgt Ion:	136	Resp:	16439
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.3	13.9
54	8.2	6.9	10.3
68	7.2	6.1	9.1



#8
Nitrobenzene-d5
Concen: 0.146 ng
RT: 9.243 min Scan# 784
Delta R.T. 0.000 min
Lab File: BN021556.D
Acq: 02 Sep 2022 11:09

Tgt Ion:	82	Resp:	1625
Ion Ratio	Lower	Upper	
82	100		
128	42.3	30.9	46.3
54	52.2	42.7	64.1

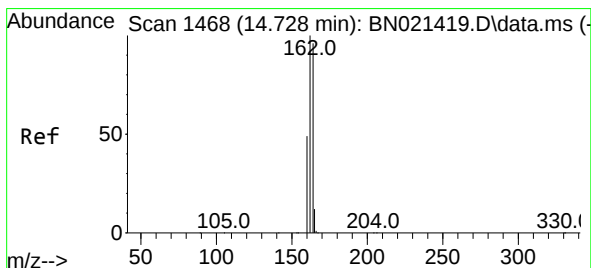
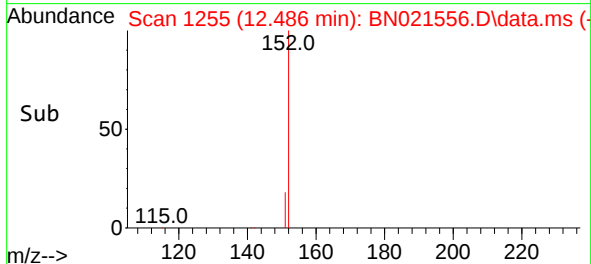
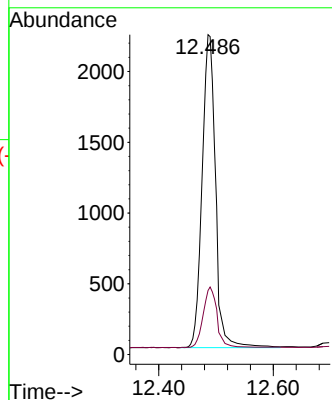
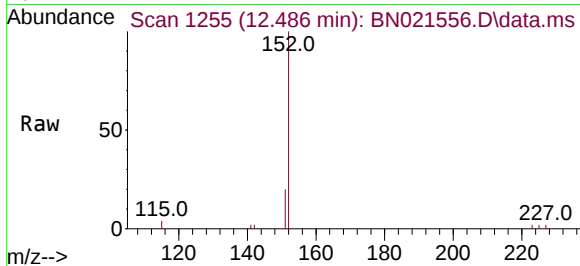




#11
2-Methylnaphthalene-d10
Concen: 0.153 ng
RT: 12.486 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN021556.D
Acq: 02 Sep 2022 11:09

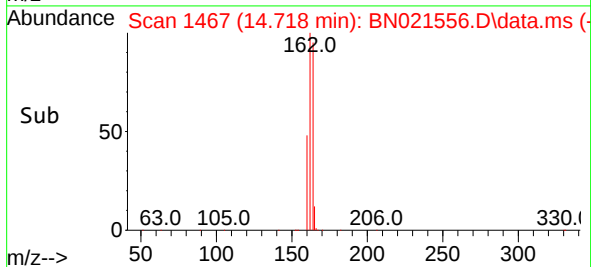
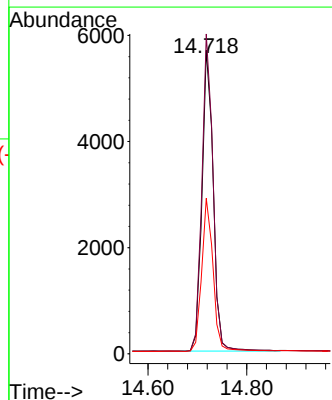
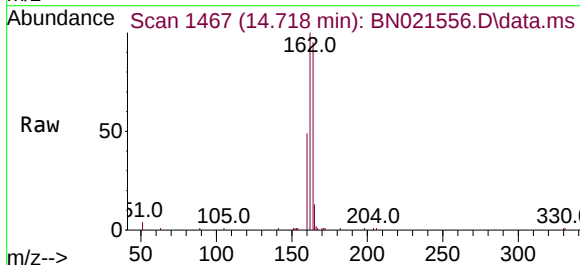
Instrument :
BNA_N
ClientSampleId :
RE125D1-20220823DL

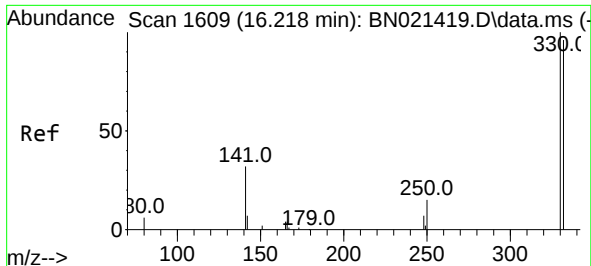
Tgt Ion:152 Resp: 5654
Ion Ratio Lower Upper
152 100
151 19.2 14.5 21.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.718 min Scan# 1467
Delta R.T. 0.000 min
Lab File: BN021556.D
Acq: 02 Sep 2022 11:09

Tgt Ion:164 Resp: 8948
Ion Ratio Lower Upper
164 100
162 105.4 82.2 123.4
160 51.3 39.5 59.3

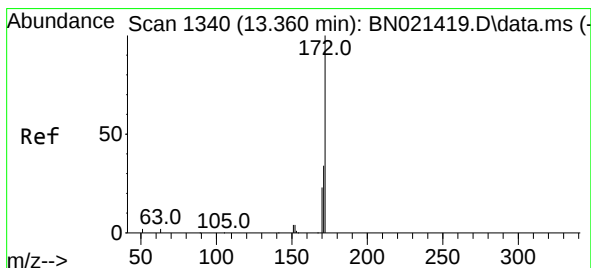
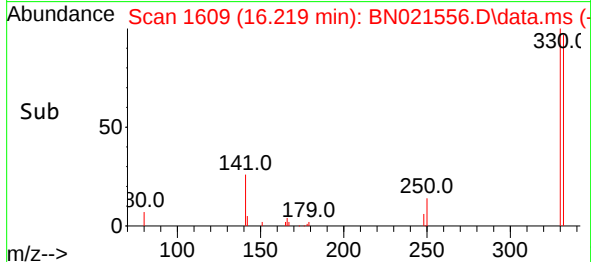
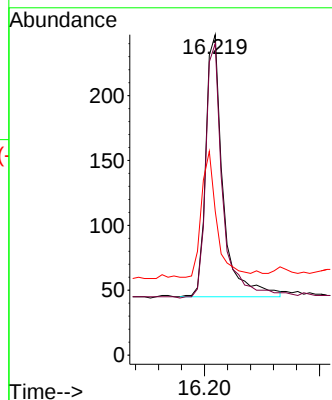
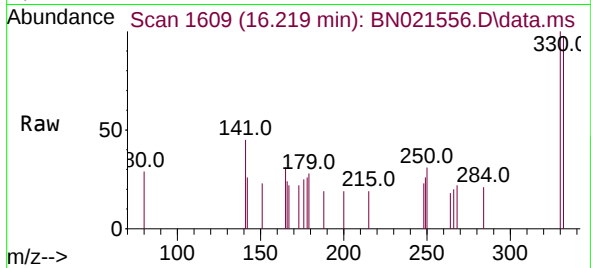




#14
2,4,6-Tribromophenol
Concen: 0.142 ng
RT: 16.219 min Scan# 1609
Delta R.T. 0.000 min
Lab File: BN021556.D
Acq: 02 Sep 2022 11:09

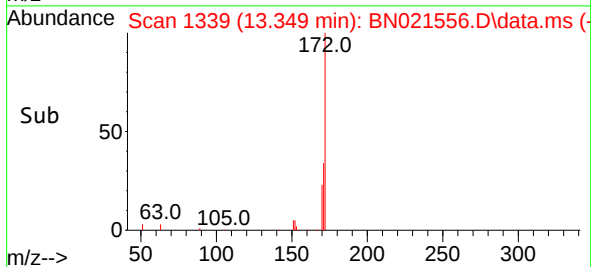
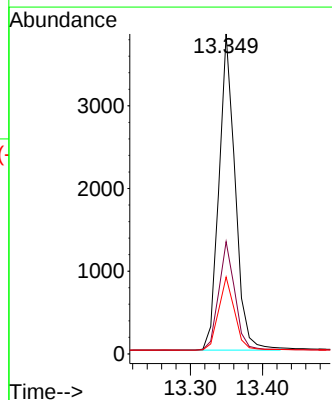
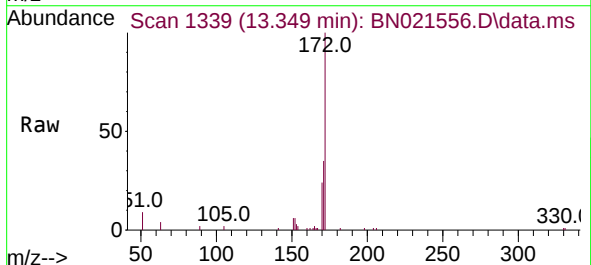
Instrument :
BNA_N
ClientSampleId :
RE125D1-20220823DL

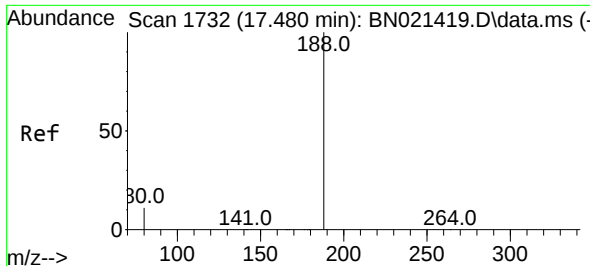
Tgt Ion:330 Resp: 418
Ion Ratio Lower Upper
330 100
332 96.2 79.3 118.9
141 43.1 37.1 55.7



#15
2-Fluorobiphenyl
Concen: 0.153 ng
RT: 13.349 min Scan# 1339
Delta R.T. 0.000 min
Lab File: BN021556.D
Acq: 02 Sep 2022 11:09

Tgt Ion:172 Resp: 5992
Ion Ratio Lower Upper
172 100
171 35.1 27.8 41.6
170 24.0 18.6 28.0

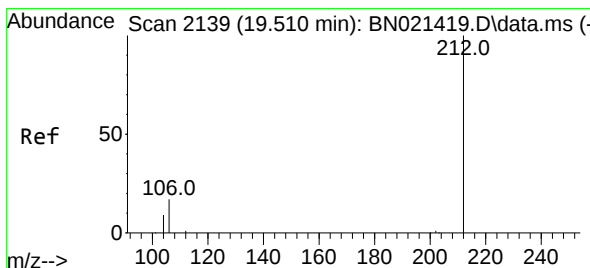
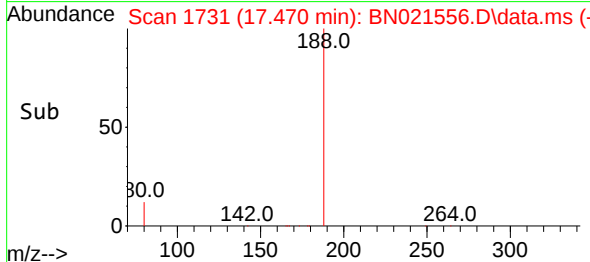
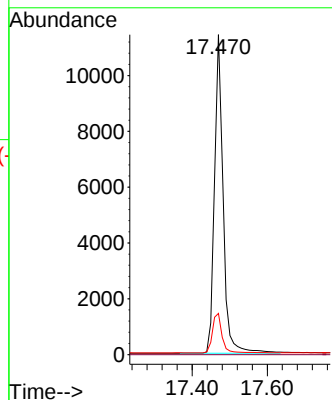
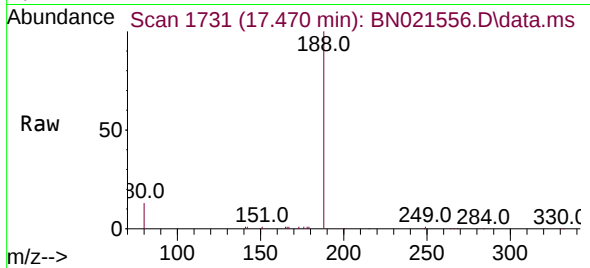




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.470 min Scan# 1732
Delta R.T. 0.000 min
Lab File: BN021556.D
Acq: 02 Sep 2022 11:09

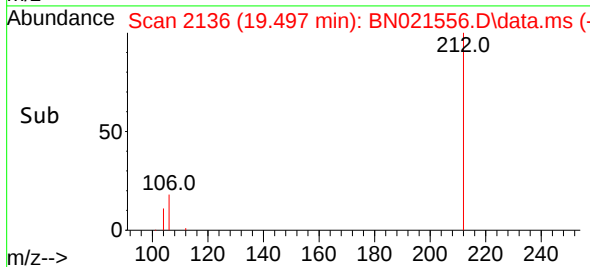
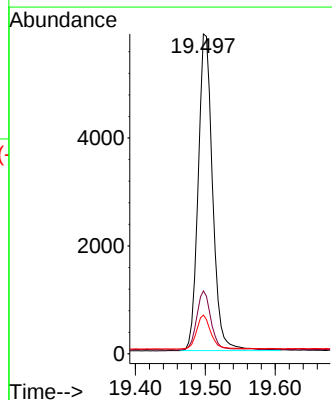
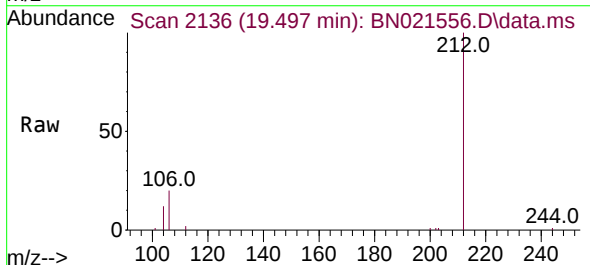
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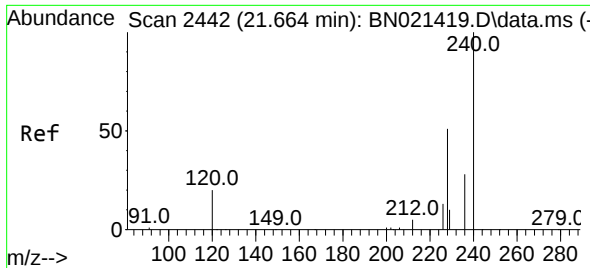
Tgt Ion:188 Resp: 18319
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.9 9.5 14.3



#27
Fluoranthene-d10
Concen: 0.179 ng
RT: 19.497 min Scan# 2136
Delta R.T. -0.004 min
Lab File: BN021556.D
Acq: 02 Sep 2022 11:09

Tgt Ion:212 Resp: 8434
Ion Ratio Lower Upper
212 100
106 18.4 14.2 21.2
104 10.6 7.8 11.6

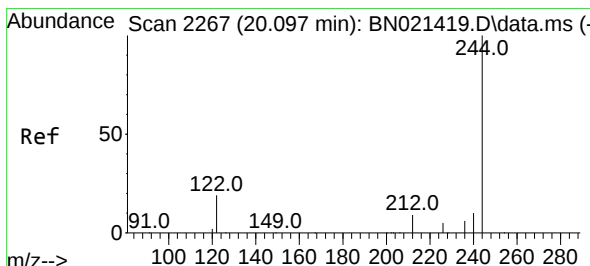
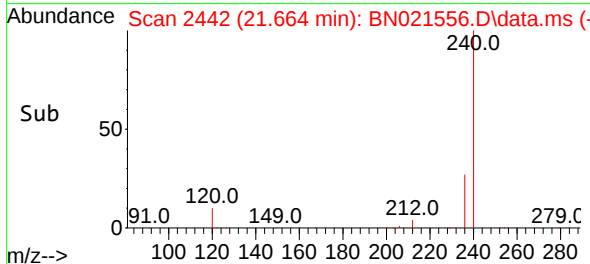
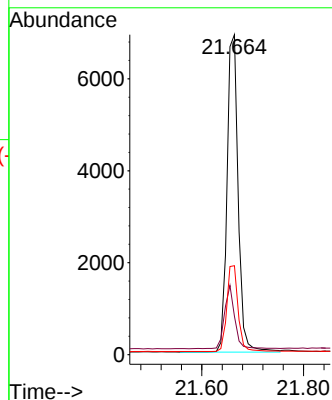
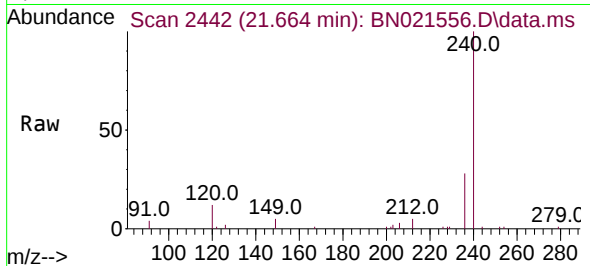




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.664 min Scan# 2442
Delta R.T. 0.000 min
Lab File: BN021556.D
Acq: 02 Sep 2022 11:09

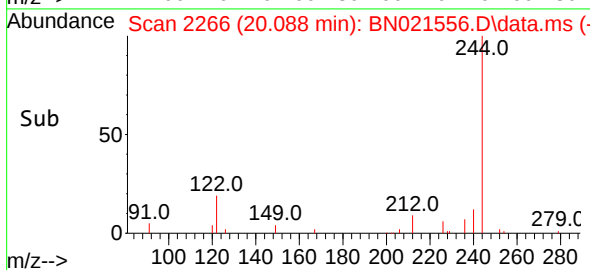
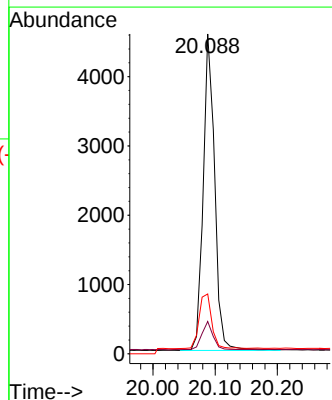
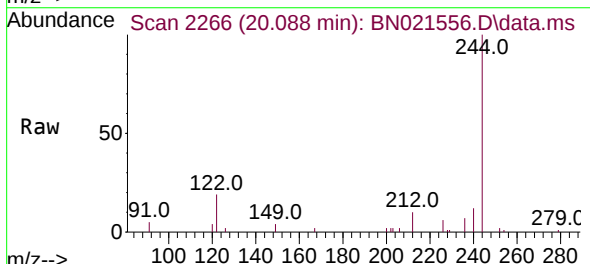
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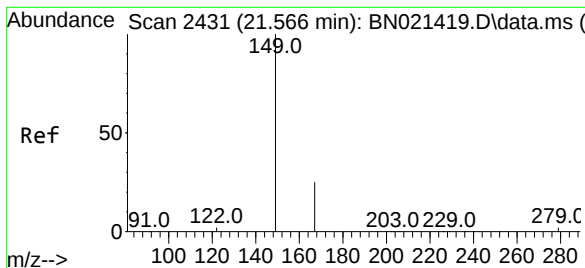
Tgt Ion:240 Resp: 10560
Ion Ratio Lower Upper
240 100
120 12.0 10.2 15.4
236 27.8 22.1 33.1



#31
Terphenyl-d14
Concen: 0.246 ng
RT: 20.088 min Scan# 2266
Delta R.T. -0.009 min
Lab File: BN021556.D
Acq: 02 Sep 2022 11:09

Tgt Ion:244 Resp: 5845
Ion Ratio Lower Upper
244 100
212 10.1 6.5 9.7#
122 18.7 9.1 13.7#

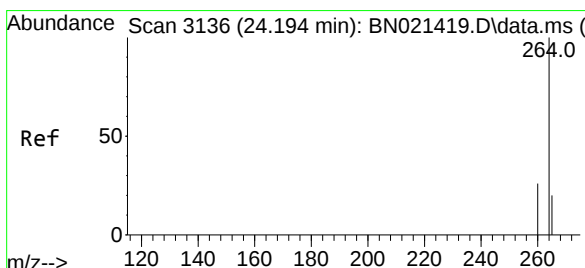
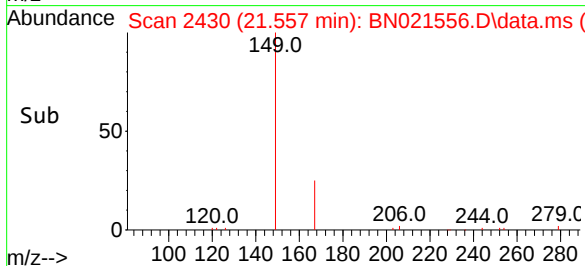
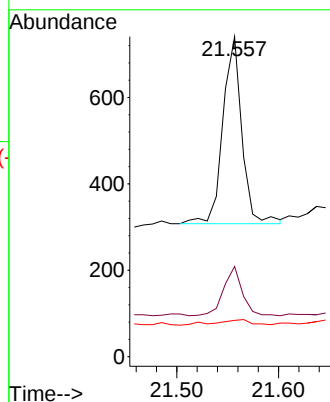
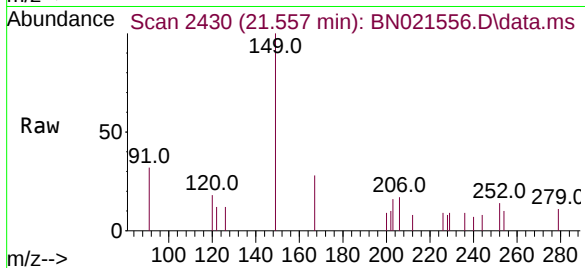




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.038 ng
 RT: 21.557 min Scan# 2431
 Delta R.T. 0.000 min
 Lab File: BN021556.D
 Acq: 02 Sep 2022 11:09

Instrument :
 BNA_N
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Tgt Ion:149 Resp: 560
 Ion Ratio Lower Upper
 149 100
 167 25.9 21.4 32.0
 279 5.4 2.2 3.2#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.176 min Scan# 3130
 Delta R.T. -0.009 min
 Lab File: BN021556.D
 Acq: 02 Sep 2022 11:09

Tgt Ion:264 Resp: 7044
 Ion Ratio Lower Upper
 264 100
 260 27.7 21.0 31.6
 265 39.5 32.2 48.2

