

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112922\
 Data File : BN022934.D
 Acq On : 29 Nov 2022 02:44
 Operator : CG/JU
 Sample : N5672-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE125D2-20221116

Quant Time: Nov 29 05:24:26 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 05:14:21 2022
 Response via : Initial Calibration

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

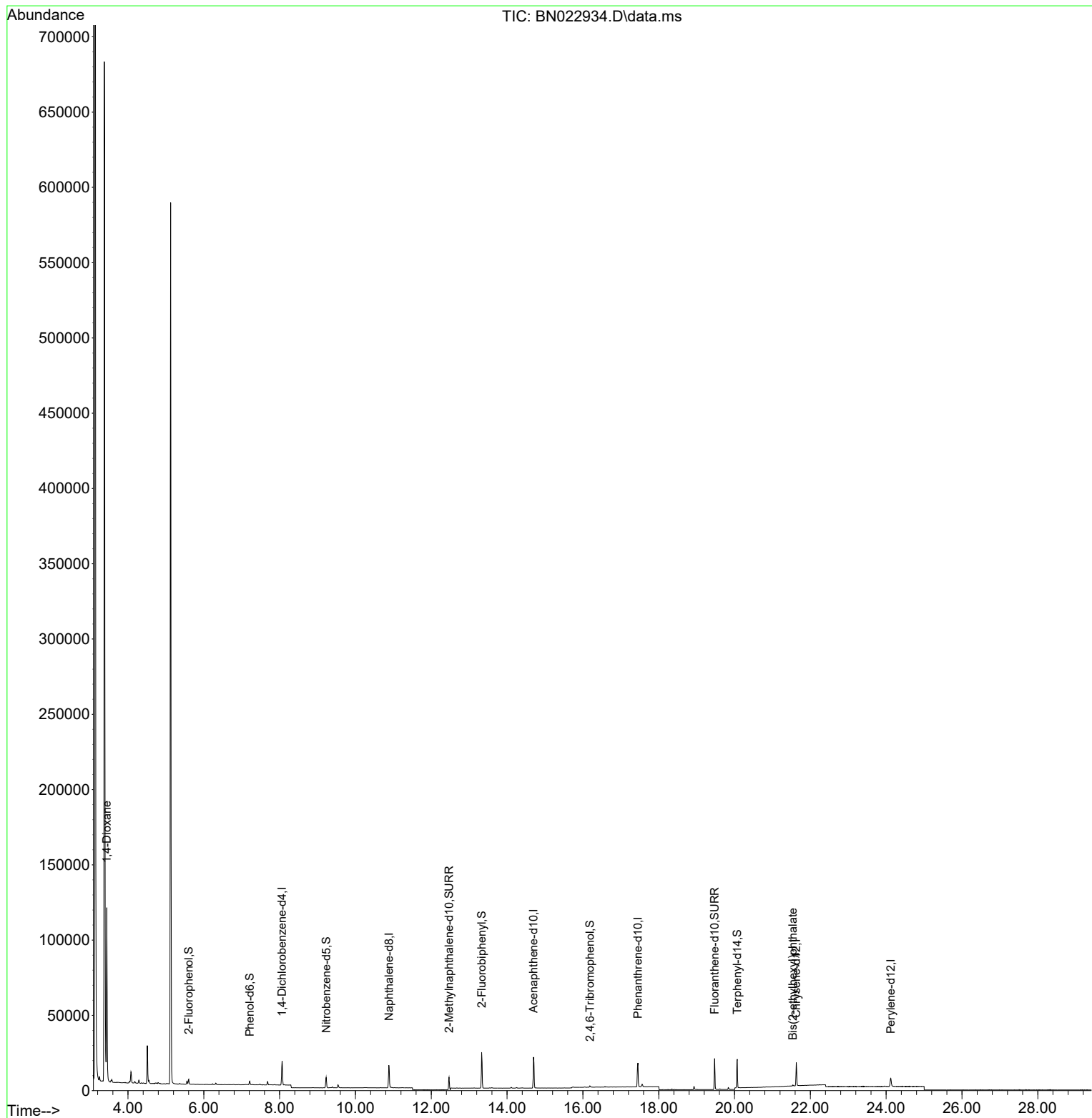
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.064	152	6928	0.400	ng	0.00
7) Naphthalene-d8	10.882	136	19083	0.400	ng	0.00
13) Acenaphthene-d10	14.698	164	10460	0.400	ng	0.00
19) Phenanthrene-d10	17.452	188	22526	0.400	ng	# 0.00
29) Chrysene-d12	21.629	240	13290	0.400	ng	# 0.00
35) Perylene-d12	24.122	264	8341	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.601	112	2631	0.146	ng	0.00
5) Phenol-d6	7.211	99	2056	0.090	ng	0.00
8) Nitrobenzene-d5	9.227	82	5336	0.360	ng	0.00
11) 2-Methylnaphthalene-d10	12.469	152	11201	0.271	ng	0.00
14) 2,4,6-Tribromophenol	16.185	330	518	0.103	ng	0.00
15) 2-Fluorobiphenyl	13.330	172	19623	0.410	ng	0.00
27) Fluoranthene-d10	19.473	212	21996	0.359	ng	0.00
31) Terphenyl-d14	20.071	244	17190	0.551	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.441	88	66469	7.560	ng	98
34) Bis(2-ethylhexyl)phtha...	21.540	149	837	0.039	ng	# 95

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

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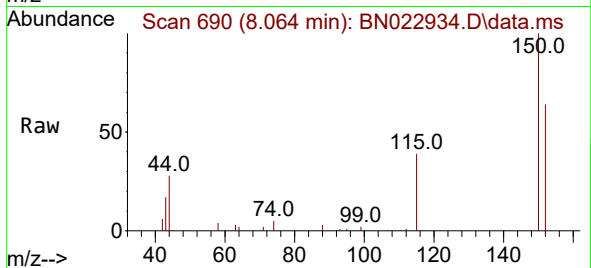
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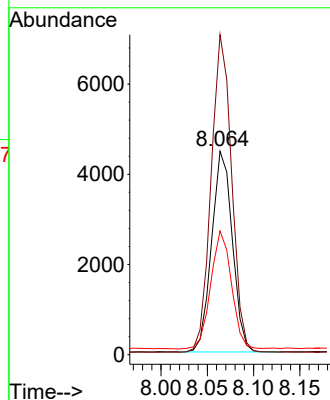
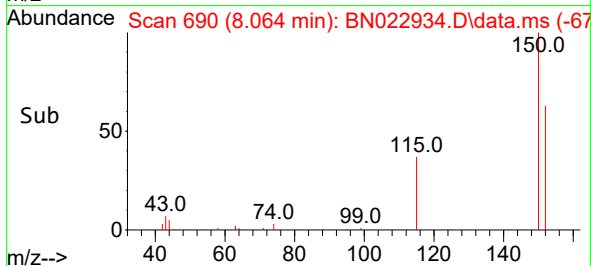


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.064 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN022934.D
 Acq: 29 Nov 2022 02:44

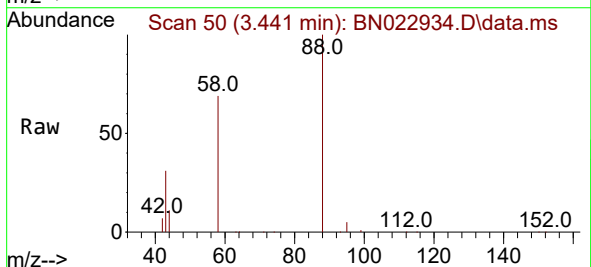
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 ClientSampleId :
 RE125D2-20221116



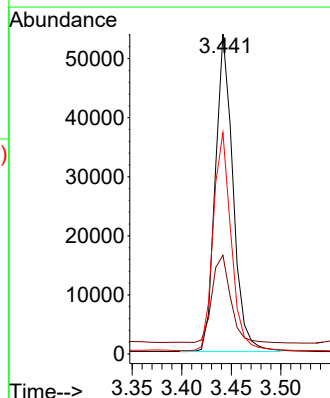
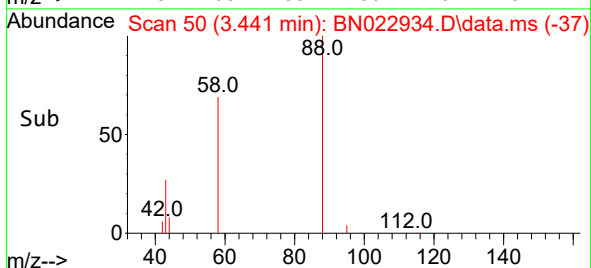
Tgt Ion:152 Resp: 6928
 Ion Ratio Lower Upper
 152 100
 150 157.3 121.2 181.8
 115 60.8 46.2 69.4



#2
 1,4-Dioxane
 Concen: 7.560 ng
 RT: 3.441 min Scan# 50
 Delta R.T. -0.007 min
 Lab File: BN022934.D
 Acq: 29 Nov 2022 02:44



Tgt Ion: 88 Resp: 66469
 Ion Ratio Lower Upper
 88 100
 43 28.8 25.4 38.2
 58 69.7 56.5 84.7

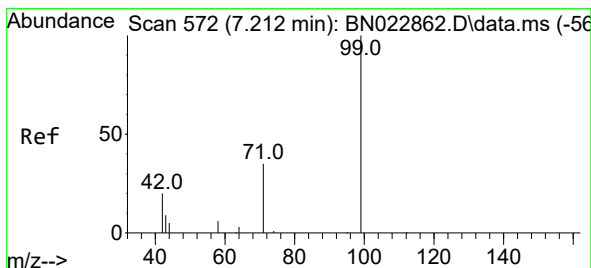
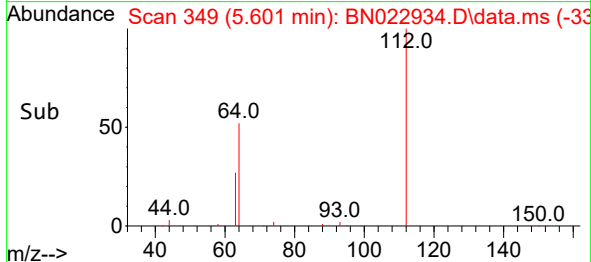
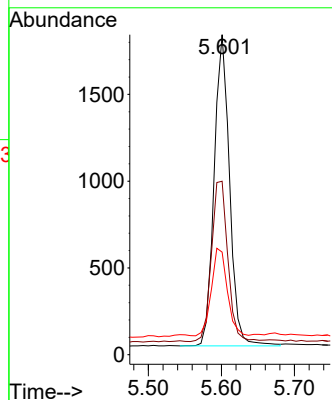
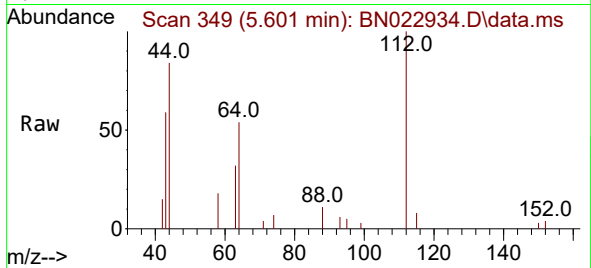




#4
2-Fluorophenol
Concen: 0.146 ng
RT: 5.601 min Scan# 349
Delta R.T. -0.000 min
Lab File: BN022934.D
Acq: 29 Nov 2022 02:44

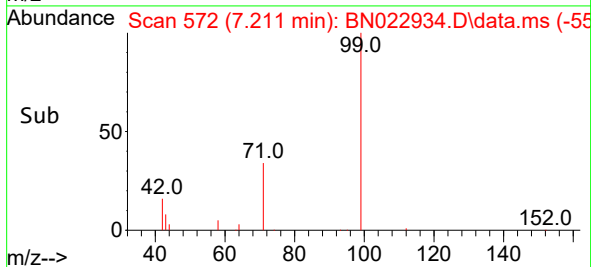
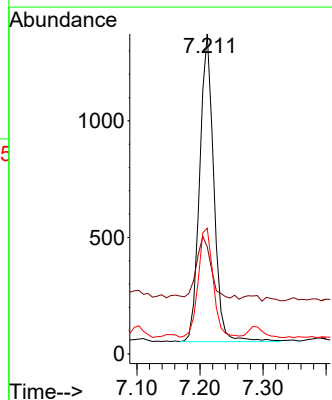
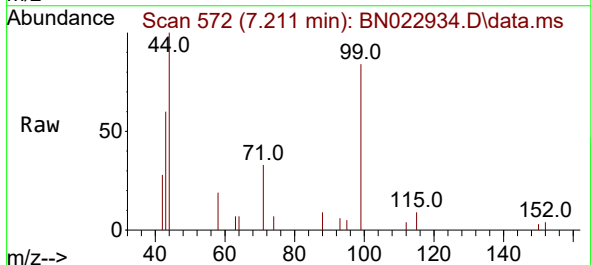
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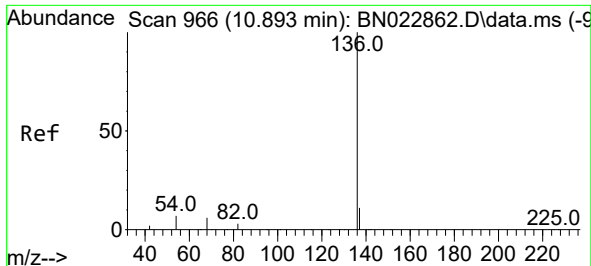
Tgt Ion:112 Resp: 2631
Ion Ratio Lower Upper
112 100
64 54.7 43.4 65.2
63 29.0 23.4 35.2



#5
Phenol-d6
Concen: 0.090 ng
RT: 7.211 min Scan# 572
Delta R.T. -0.000 min
Lab File: BN022934.D
Acq: 29 Nov 2022 02:44

Tgt Ion: 99 Resp: 2056
Ion Ratio Lower Upper
99 100
42 20.9 16.0 24.0
71 37.5 26.8 40.2

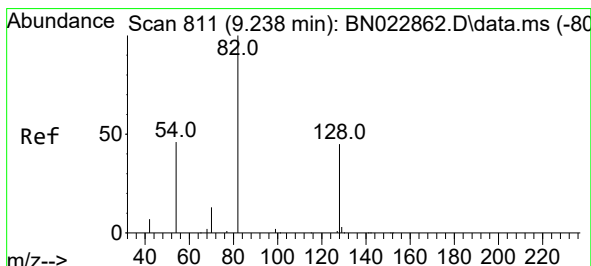
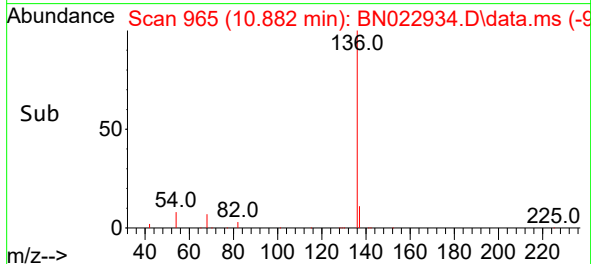
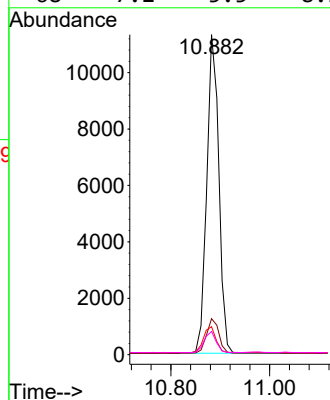
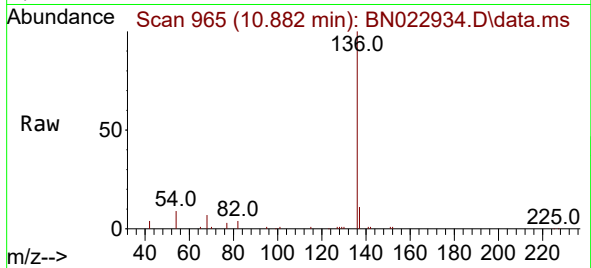




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.882 min Scan# 90
Delta R.T. -0.000 min
Lab File: BN022934.D
Acq: 29 Nov 2022 02:44

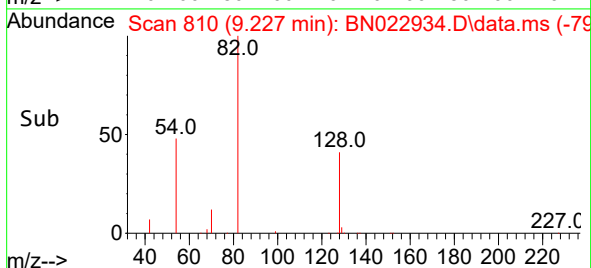
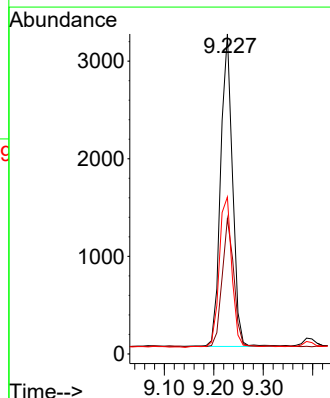
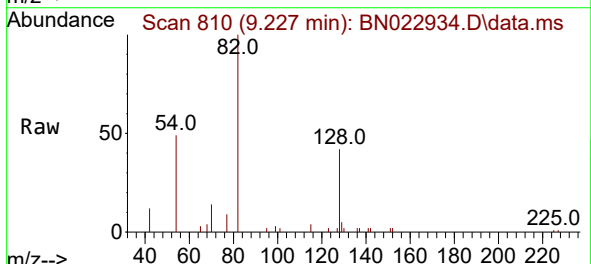
Instrument :
BNA_N
ClientSampleId :
RE125D2-20221116

Tgt Ion:	136	Resp:	19083
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.0	13.4
54	8.8	6.6	9.8
68	7.2	5.5	8.3



#8
Nitrobenzene-d5
Concen: 0.360 ng
RT: 9.227 min Scan# 810
Delta R.T. -0.000 min
Lab File: BN022934.D
Acq: 29 Nov 2022 02:44

Tgt Ion:	82	Resp:	5336
Ion Ratio	Lower	Upper	
82	100		
128	42.3	36.6	54.8
54	49.0	38.5	57.7

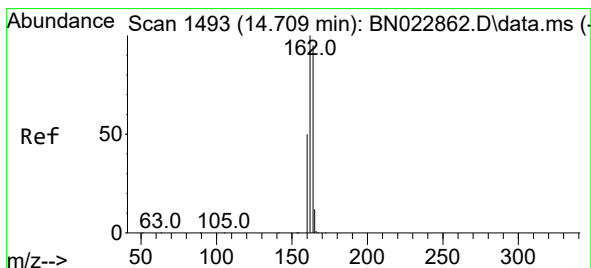
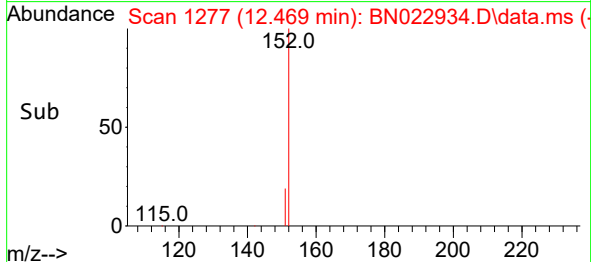
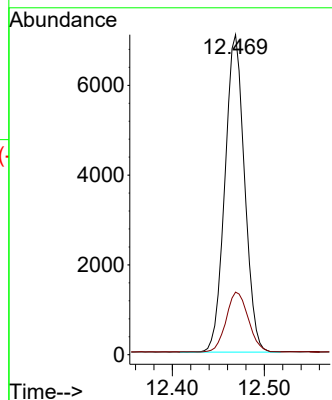
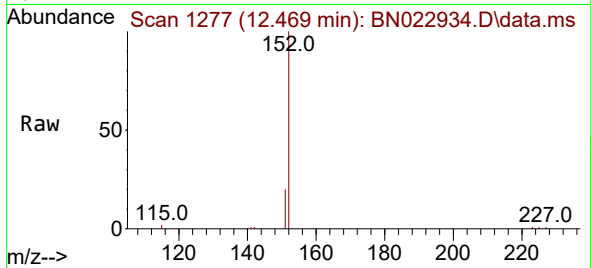




#11
2-Methylnaphthalene-d10
Concen: 0.271 ng
RT: 12.469 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN022934.D
Acq: 29 Nov 2022 02:44

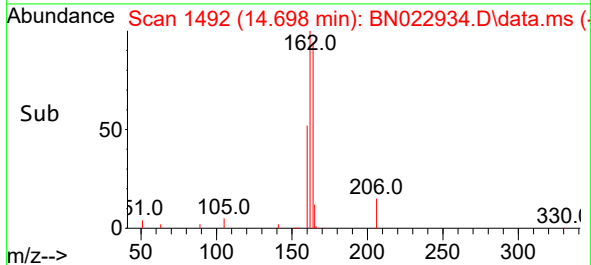
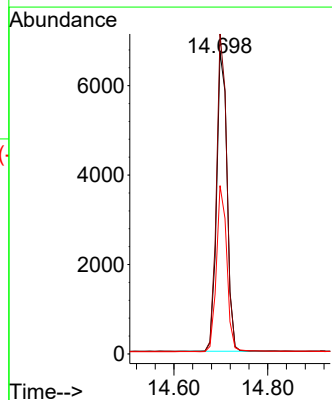
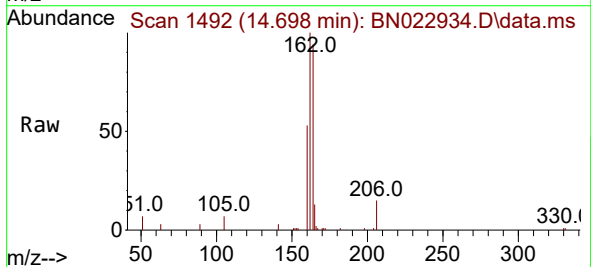
Instrument :
BNA_N
ClientSampleId :
RE125D2-20221116

Tgt Ion:152 Resp: 11201
Ion Ratio Lower Upper
152 100
151 27.0 18.6 27.8



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.698 min Scan# 1492
Delta R.T. -0.000 min
Lab File: BN022934.D
Acq: 29 Nov 2022 02:44

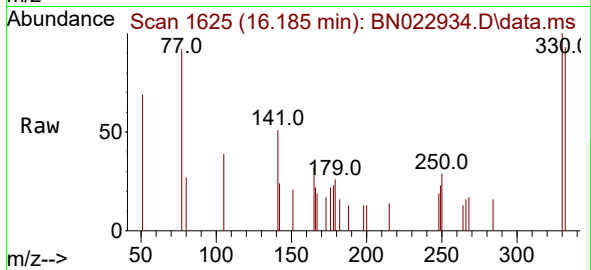
Tgt Ion:164 Resp: 10460
Ion Ratio Lower Upper
164 100
162 106.2 84.2 126.4
160 55.8 42.5 63.7



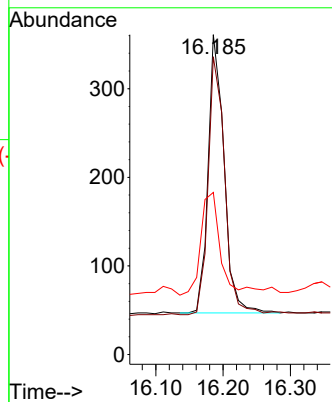
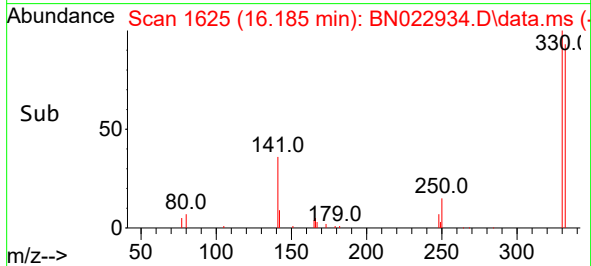


#14
 2,4,6-Tribromophenol
 Concen: 0.103 ng
 RT: 16.185 min Scan# 1625
 Delta R.T. -0.000 min
 Lab File: BN022934.D
 Acq: 29 Nov 2022 02:44

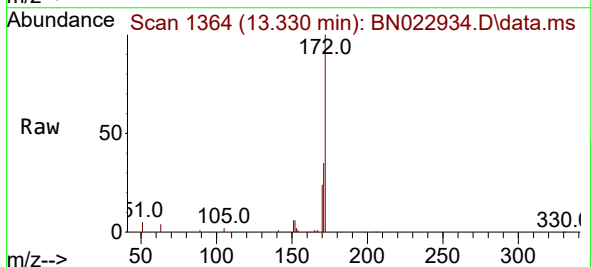
Instrument :
 BNA_N
 ClientSampleId :
 RE125D2-20221116



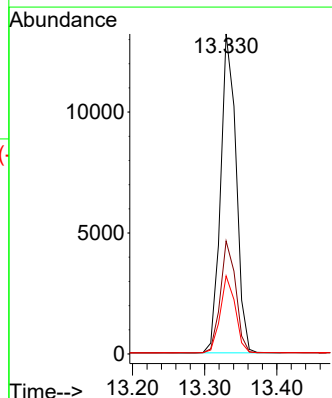
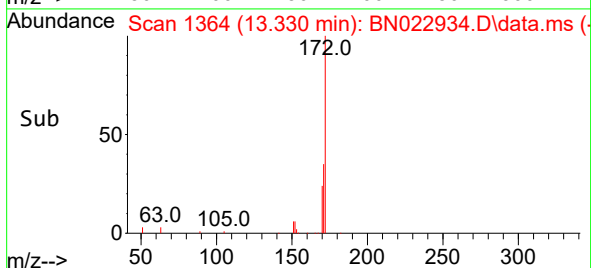
Tgt Ion: 330 Resp: 518
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.5 114.7
 141 48.3 32.6 48.8

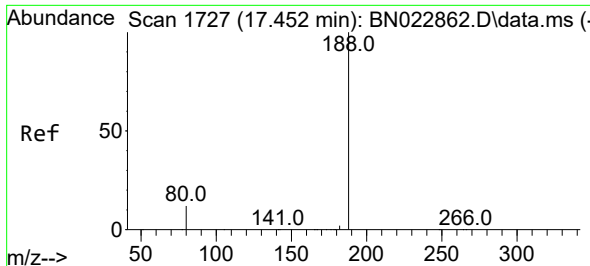


#15
 2-Fluorobiphenyl
 Concen: 0.410 ng
 RT: 13.330 min Scan# 1364
 Delta R.T. -0.000 min
 Lab File: BN022934.D
 Acq: 29 Nov 2022 02:44



Tgt Ion: 172 Resp: 19623
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.2 42.4
 170 24.4 19.3 28.9





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.452 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN022934.D

Acq: 29 Nov 2022 02:44

Instrument :

BNA_N

ClientSampleId :

RE125D2-20221116

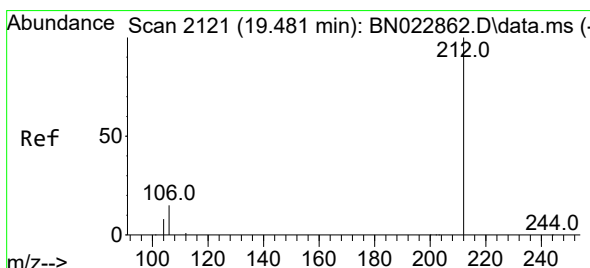
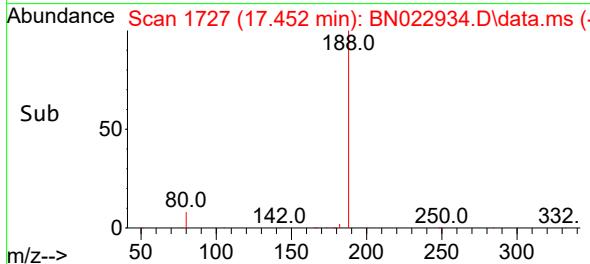
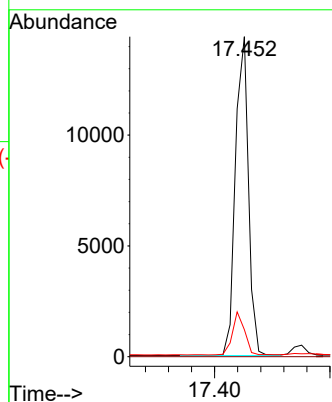
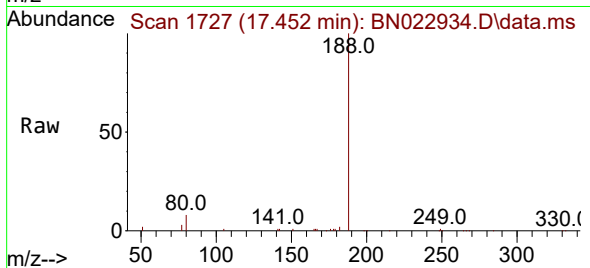
Tgt Ion:188 Resp: 22526

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.4 10.3 15.5#



#27

Fluoranthene-d10

Concen: 0.359 ng

RT: 19.473 min Scan# 2119

Delta R.T. -0.004 min

Lab File: BN022934.D

Acq: 29 Nov 2022 02:44

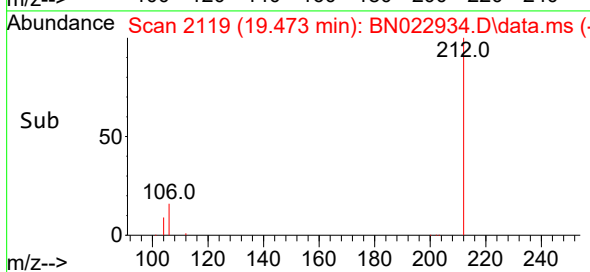
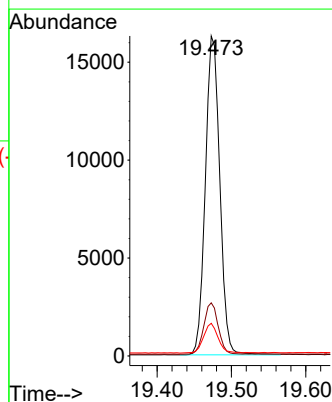
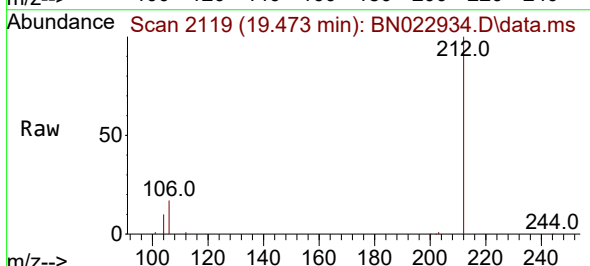
Tgt Ion:212 Resp: 21996

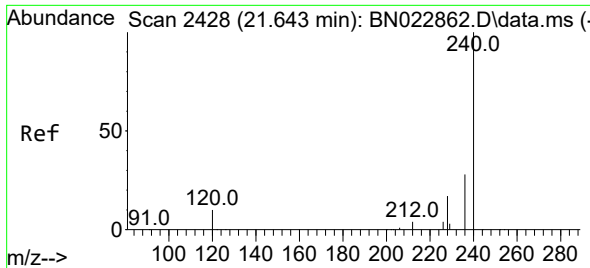
Ion Ratio Lower Upper

212 100

106 16.1 12.3 18.5

104 9.4 7.0 10.4

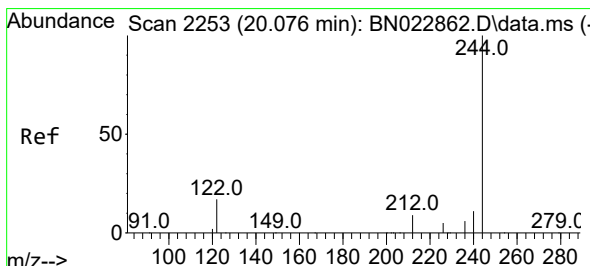
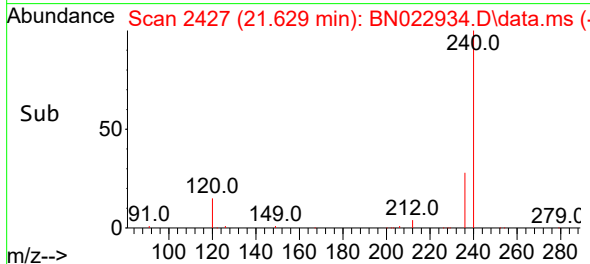
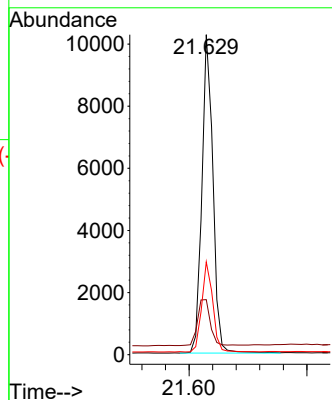
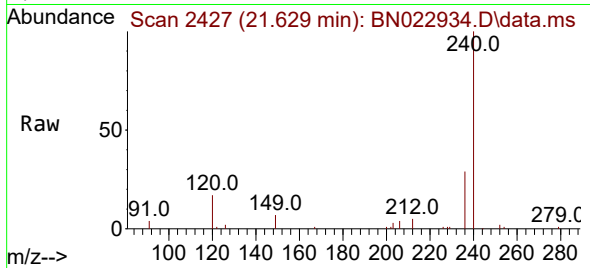




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.629 min Scan# 2427
Delta R.T. -0.005 min
Lab File: BN022934.D
Acq: 29 Nov 2022 02:44

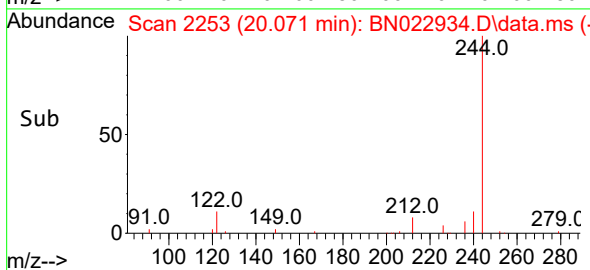
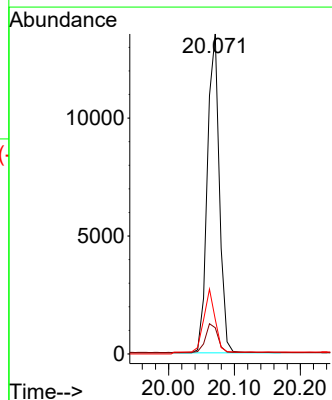
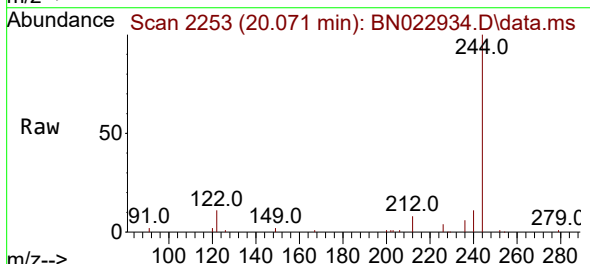
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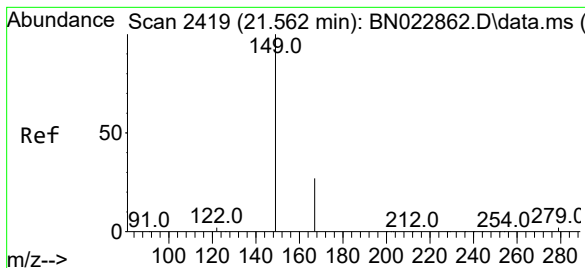
Tgt Ion:240 Resp: 13290
Ion Ratio Lower Upper
240 100
120 17.2 9.2 13.8#
236 29.0 22.6 34.0



#31
Terphenyl-d14
Concen: 0.551 ng
RT: 20.071 min Scan# 2253
Delta R.T. 0.004 min
Lab File: BN022934.D
Acq: 29 Nov 2022 02:44

Tgt Ion:244 Resp: 17190
Ion Ratio Lower Upper
244 100
212 8.2 7.9 11.9
122 10.9 13.9 20.9#

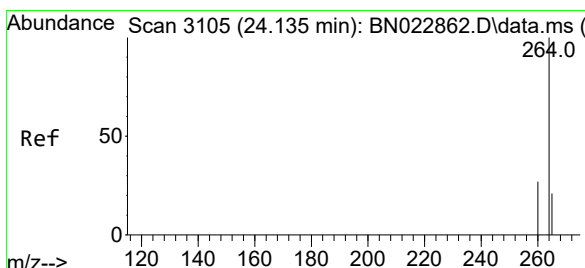
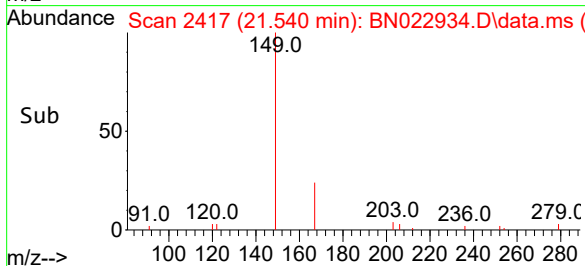
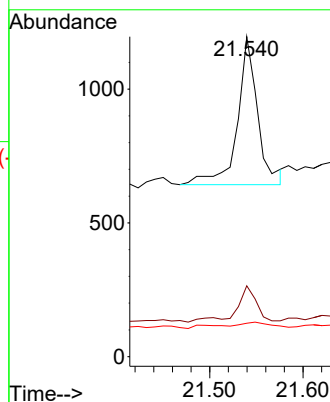
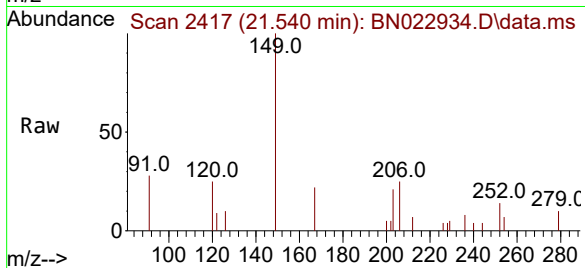




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.039 ng
 RT: 21.540 min Scan# 2419
 Delta R.T. -0.005 min
 Lab File: BN022934.D
 Acq: 29 Nov 2022 02:44

Instrument :
 BNA_N
 ClientSampleId :
 RE125D2-20221116

Tgt Ion:149 Resp: 837
 Ion Ratio Lower Upper
 149 100
 167 24.4 21.3 31.9
 279 5.1 2.3 3.5#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.122 min Scan# 3100
 Delta R.T. -0.002 min
 Lab File: BN022934.D
 Acq: 29 Nov 2022 02:44

Tgt Ion:264 Resp: 8341
 Ion Ratio Lower Upper
 264 100
 260 27.6 21.7 32.5
 265 67.6 31.0 46.4#

