

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110823\
 Data File : BN028504.D
 Acq On : 08 Nov 2023 17:56
 Operator : MA/JU
 Sample : 05096-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 FB

Quant Time: Nov 08 23:29:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN110723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 08 00:27:19 2023
 Response via : Initial Calibration

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

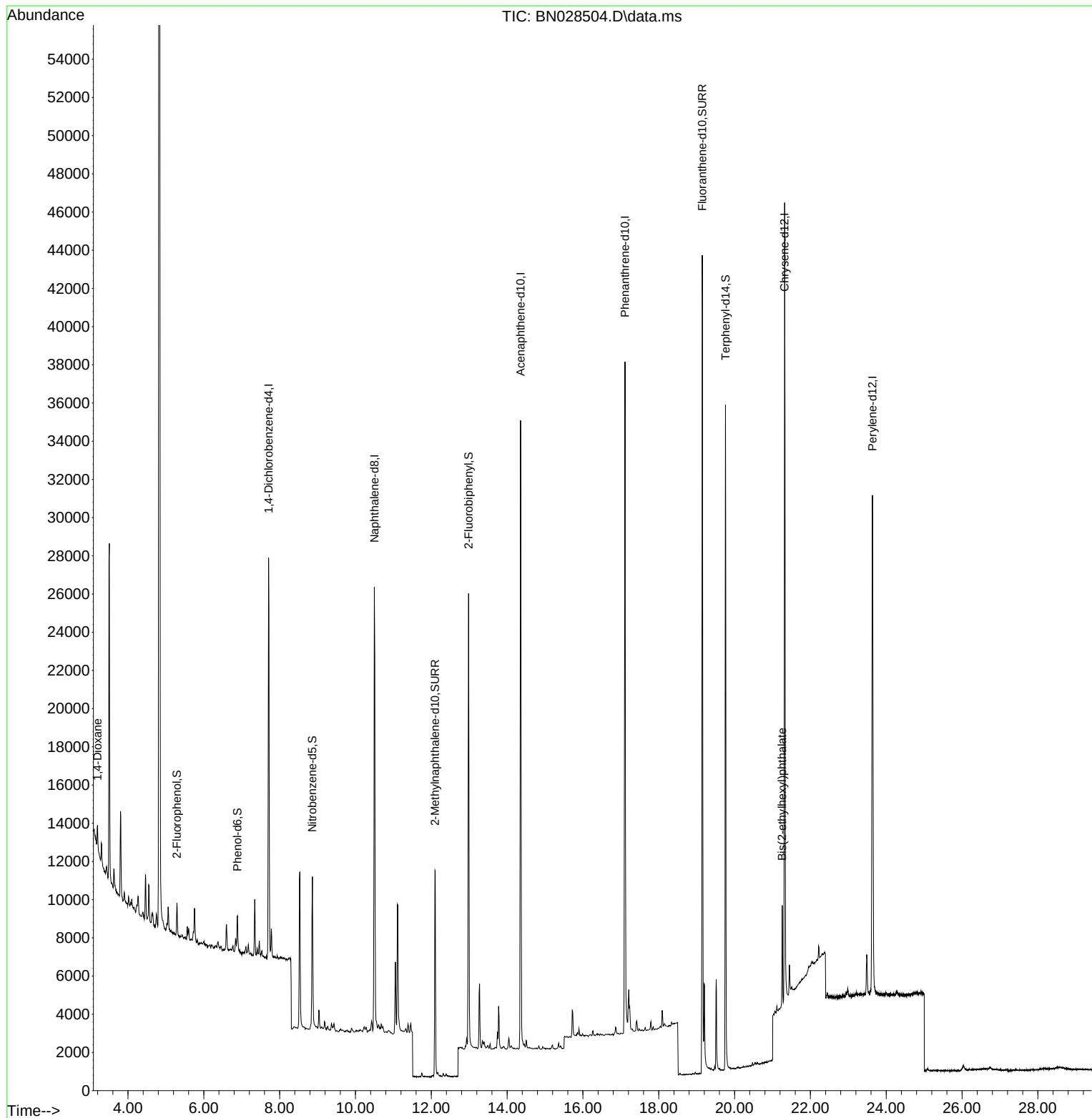
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	10439	0.400	ng	0.00
7) Naphthalene-d8	10.498	136	31658	0.400	ng	#-0.01
13) Acenaphthene-d10	14.353	164	19507	0.400	ng	-0.01
19) Phenanthrene-d10	17.109	188	47044	0.400	ng	# 0.00
29) Chrysene-d12	21.320	240	38294	0.400	ng	# 0.00
35) Perylene-d12	23.637	264	36035	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.290	112	1231	0.039	ng	0.00
5) Phenol-d6	6.887	99	2005	0.050	ng	0.00
8) Nitrobenzene-d5	8.865	82	6810	0.241	ng	0.00
11) 2-Methylnaphthalene-d10	12.098	152	14861	0.271	ng	0.00
14) 2,4,6-Tribromophenol	15.856	330	130	0.012	ng	0.00
15) 2-Fluorobiphenyl	12.985	172	20801	0.243	ng	0.00
27) Fluoranthene-d10	19.148	212	48568	0.338	ng	0.00
31) Terphenyl-d14	19.761	244	33673	0.331	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.196	88	617	0.049	ng	# 7
34) Bis(2-ethylhexyl)phtha...	21.257	149	4953	0.050	ng	99

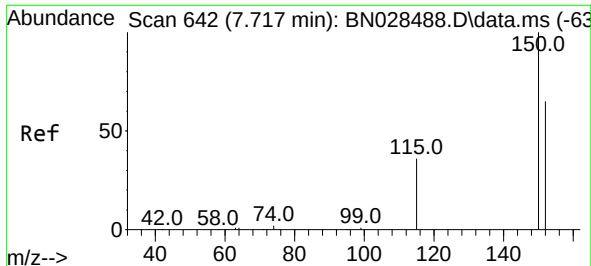
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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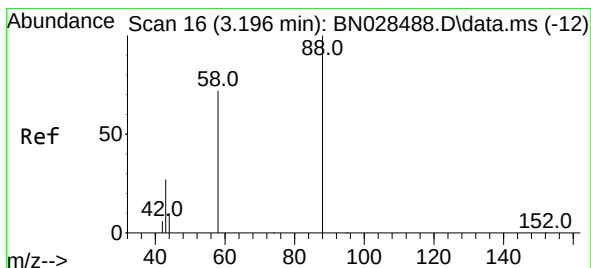
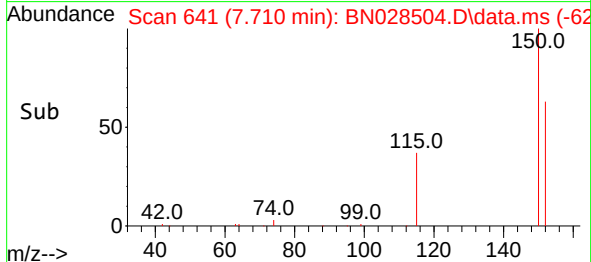
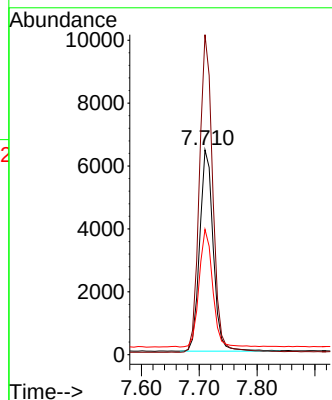
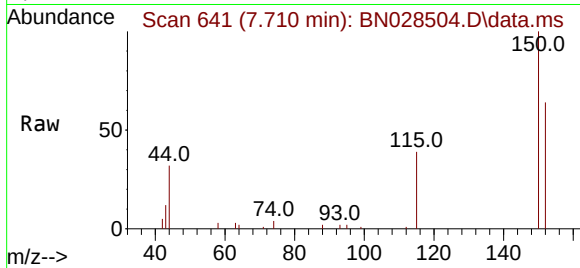




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.710 min Scan# 64
 Delta R.T. -0.007 min
 Lab File: BN028504.D
 Acq: 08 Nov 2023 17:56

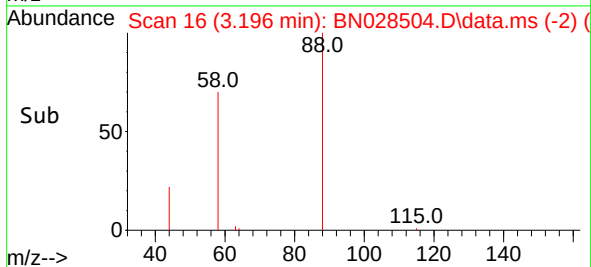
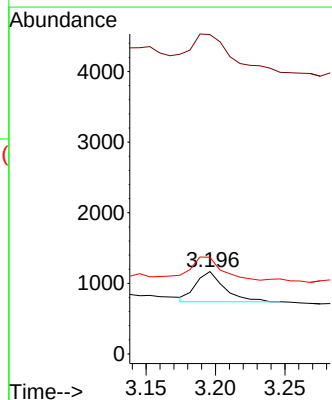
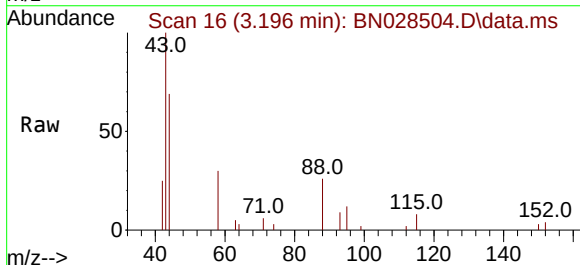
Instrument :
 BNA_N
 ClientSampleId :
 FB

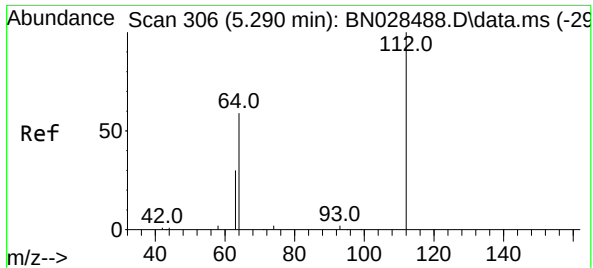
Tgt Ion:152 Resp: 10439
 Ion Ratio Lower Upper
 152 100
 150 156.2 122.5 183.7
 115 61.2 47.5 71.3



#2
 1,4-Dioxane
 Concen: 0.049 ng
 RT: 3.196 min Scan# 16
 Delta R.T. 0.000 min
 Lab File: BN028504.D
 Acq: 08 Nov 2023 17:56

Tgt Ion: 88 Resp: 617
 Ion Ratio Lower Upper
 88 100
 43 188.0 29.0 43.4#
 58 86.7 60.2 90.2

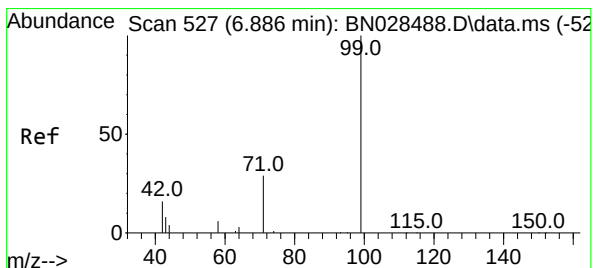
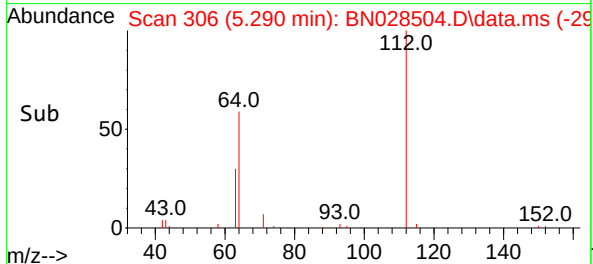
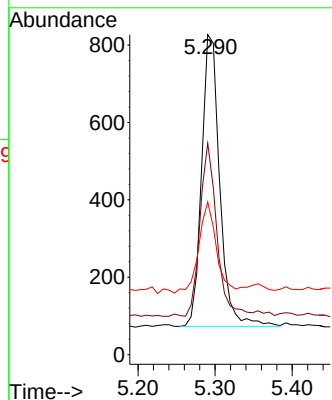
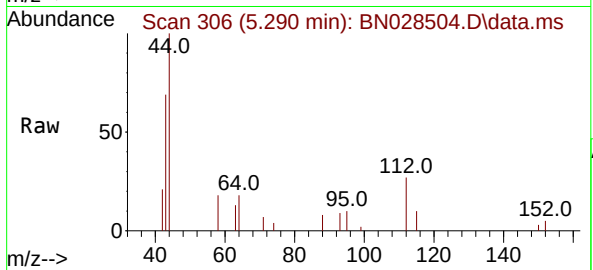




#4
2-Fluorophenol
Concen: 0.039 ng
RT: 5.290 min Scan# 306
Delta R.T. 0.000 min
Lab File: BN028504.D
Acq: 08 Nov 2023 17:56

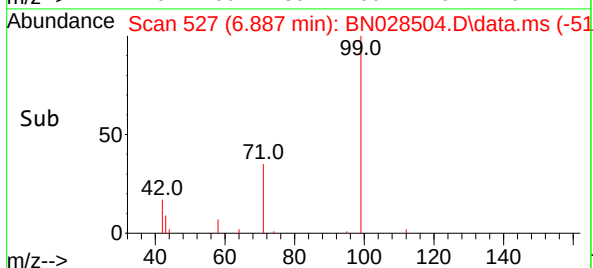
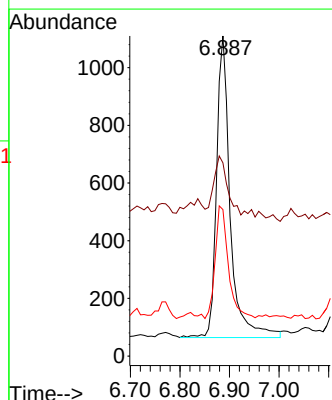
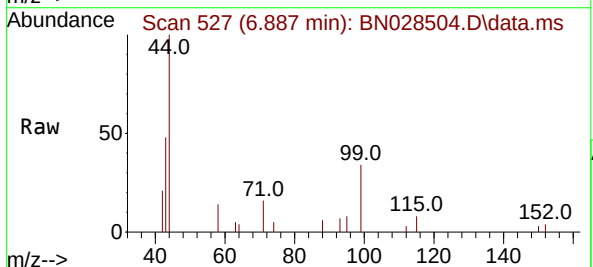
Instrument :
BNA_N
ClientSampleId :
FB

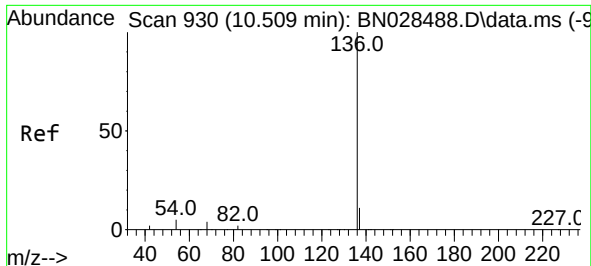
Tgt Ion:112 Resp: 1231
Ion Ratio Lower Upper
112 100
64 55.4 44.6 67.0
63 30.2 23.3 34.9



#5
Phenol-d6
Concen: 0.050 ng
RT: 6.887 min Scan# 527
Delta R.T. 0.000 min
Lab File: BN028504.D
Acq: 08 Nov 2023 17:56

Tgt Ion: 99 Resp: 2005
Ion Ratio Lower Upper
99 100
42 23.4 15.8 23.8
71 36.1 25.1 37.7

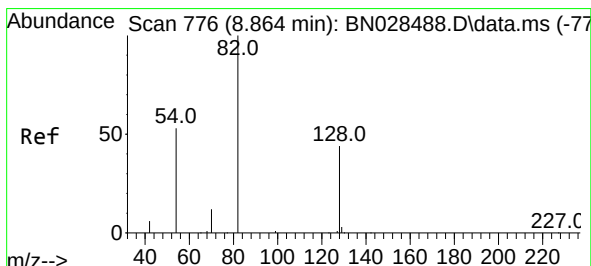
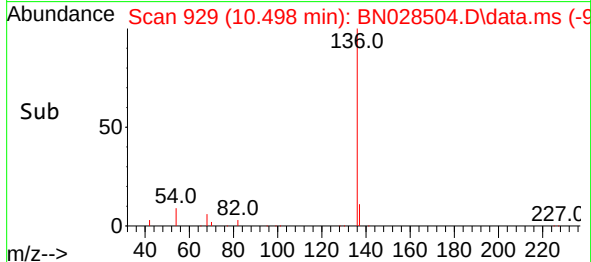
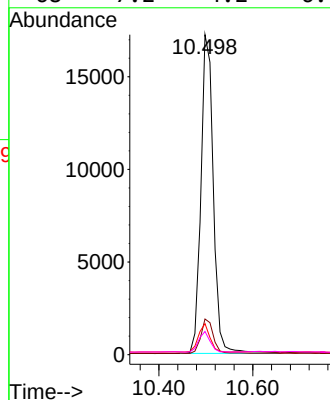
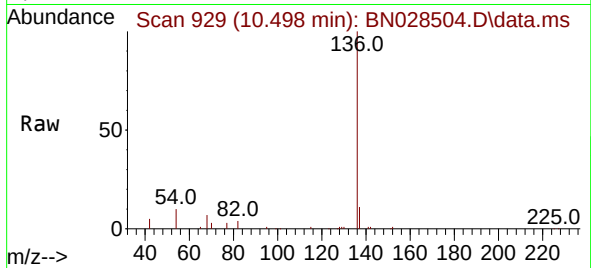




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.498 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN028504.D
Acq: 08 Nov 2023 17:56

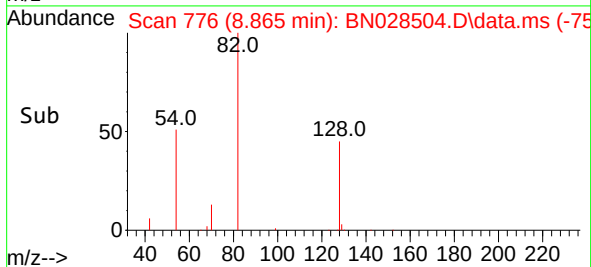
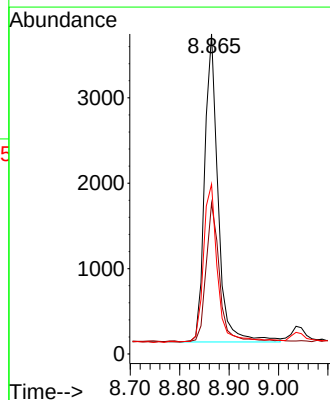
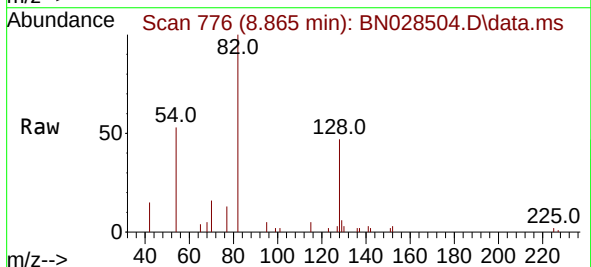
Instrument :
BNA_N
ClientSampleId :
FB

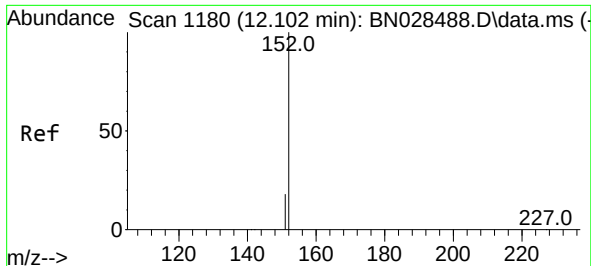
Tgt Ion:	136	Resp:	31658
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.0	13.4
54	9.7	5.1	7.7#
68	7.2	4.2	6.4#



#8
Nitrobenzene-d5
Concen: 0.241 ng
RT: 8.865 min Scan# 776
Delta R.T. 0.000 min
Lab File: BN028504.D
Acq: 08 Nov 2023 17:56

Tgt Ion:	82	Resp:	6810
Ion Ratio	Lower	Upper	
82	100		
128	47.1	36.5	54.7
54	53.1	43.8	65.8

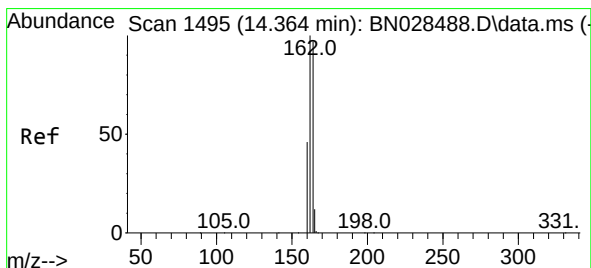
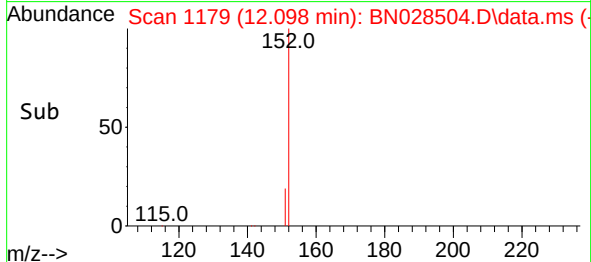
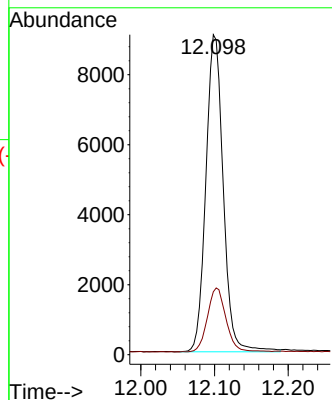
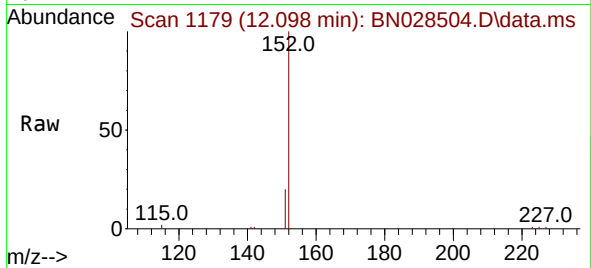




#11
2-Methylnaphthalene-d10
Concen: 0.271 ng
RT: 12.098 min Scan# 1180
Delta R.T. -0.004 min
Lab File: BN028504.D
Acq: 08 Nov 2023 17:56

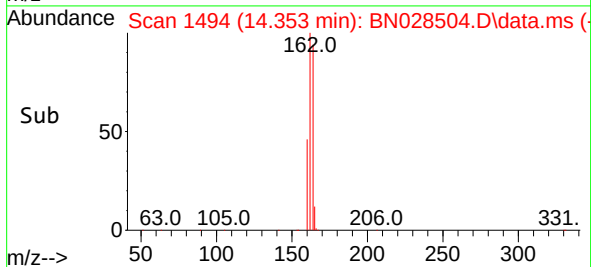
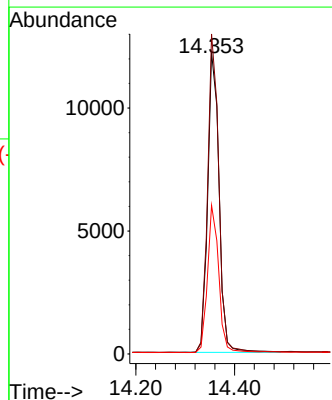
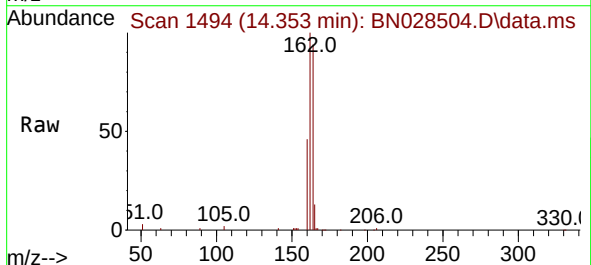
Instrument :
BNA_N
ClientSampleId :
FB

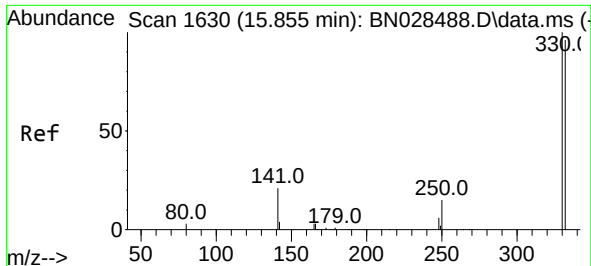
Tgt Ion:152 Resp: 14861
Ion Ratio Lower Upper
152 100
151 21.6 16.1 24.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.353 min Scan# 1494
Delta R.T. -0.011 min
Lab File: BN028504.D
Acq: 08 Nov 2023 17:56

Tgt Ion:164 Resp: 19507
Ion Ratio Lower Upper
164 100
162 106.2 82.5 123.7
160 49.3 38.1 57.1





#14

2,4,6-Tribromophenol

Concen: 0.012 ng

RT: 15.856 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN028504.D

Acq: 08 Nov 2023 17:56

Instrument :

BNA_N

ClientSampleId :

FB

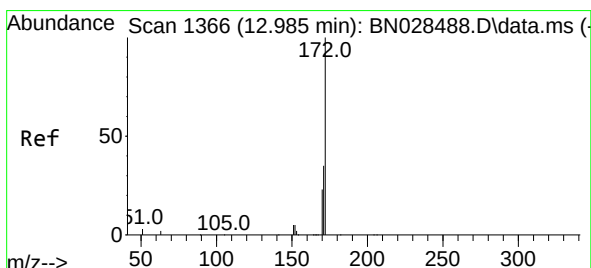
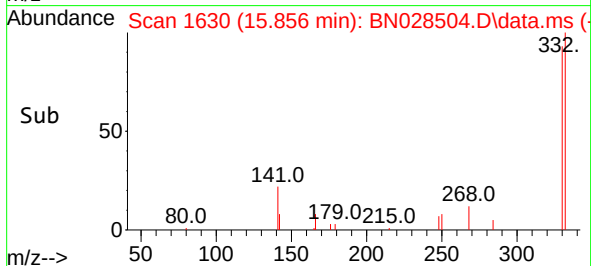
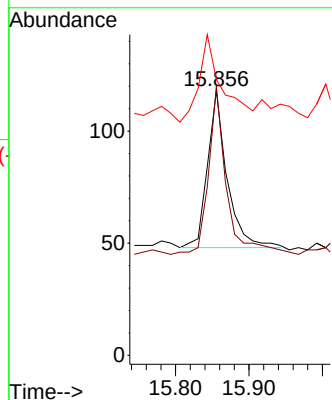
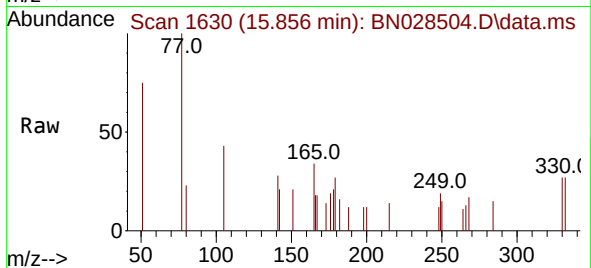
Tgt Ion:330 Resp: 130

Ion Ratio Lower Upper

330 100

332 97.7 77.0 115.4

141 65.4 32.6 49.0#



#15

2-Fluorobiphenyl

Concen: 0.243 ng

RT: 12.985 min Scan# 1366

Delta R.T. 0.000 min

Lab File: BN028504.D

Acq: 08 Nov 2023 17:56

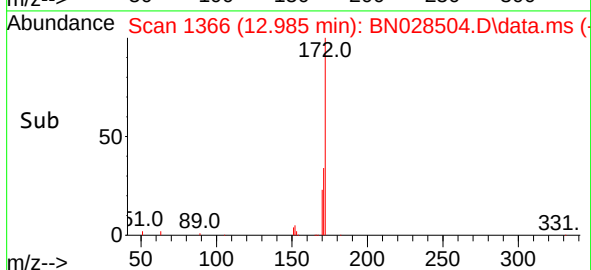
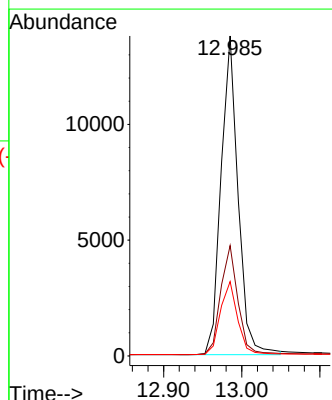
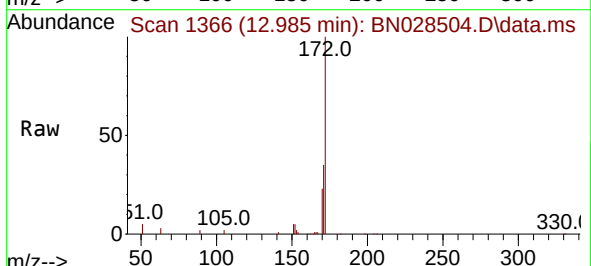
Tgt Ion:172 Resp: 20801

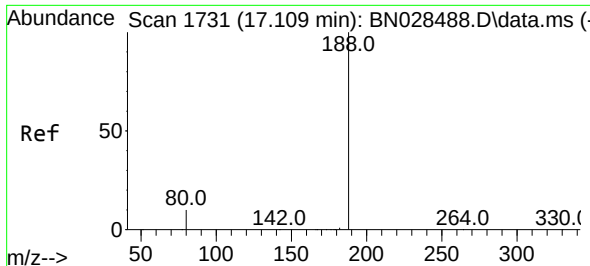
Ion Ratio Lower Upper

172 100

171 34.5 27.9 41.9

170 23.3 18.9 28.3

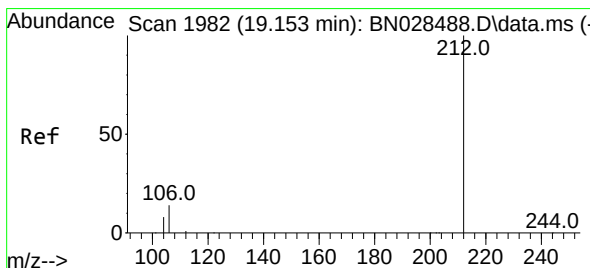
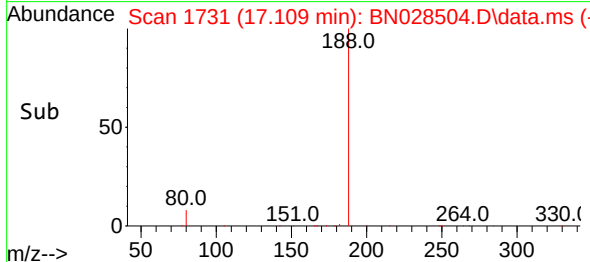
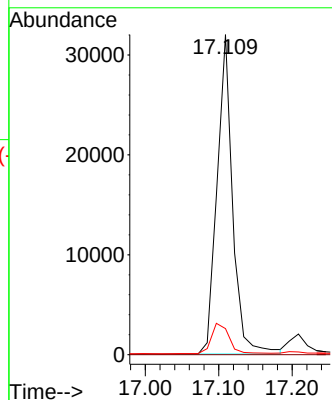
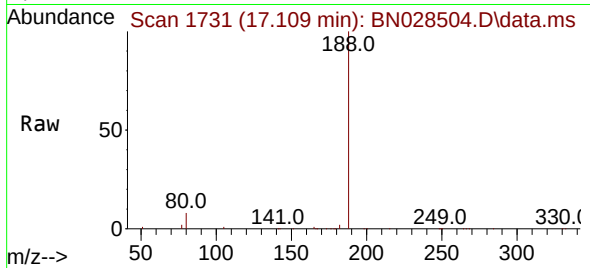




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN028504.D
Acq: 08 Nov 2023 17:56

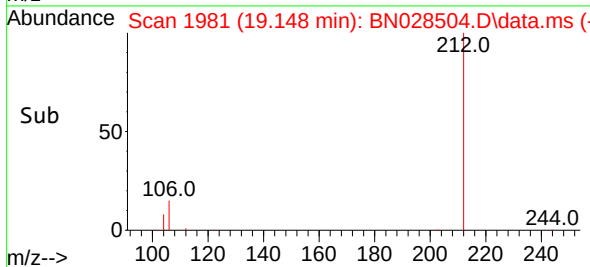
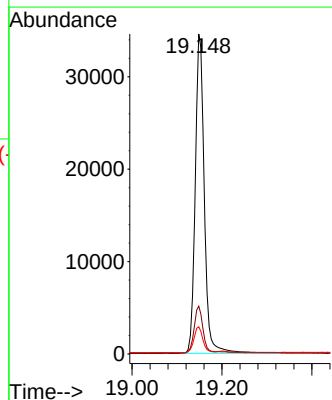
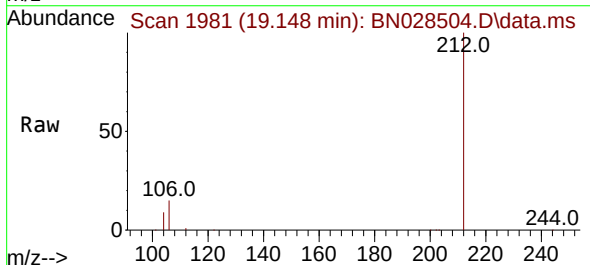
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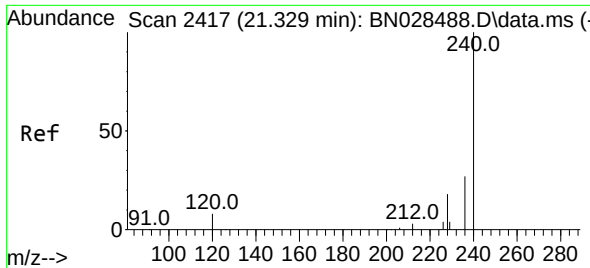
Tgt Ion:188 Resp: 47044
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.2 8.3 12.5#



#27
Fluoranthene-d10
Concen: 0.338 ng
RT: 19.148 min Scan# 1981
Delta R.T. -0.005 min
Lab File: BN028504.D
Acq: 08 Nov 2023 17:56

Tgt Ion:212 Resp: 48568
Ion Ratio Lower Upper
212 100
106 14.1 11.5 17.3
104 7.9 6.4 9.6

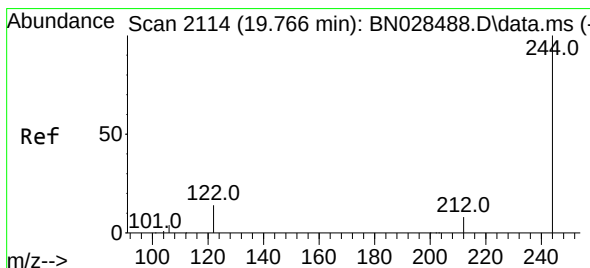
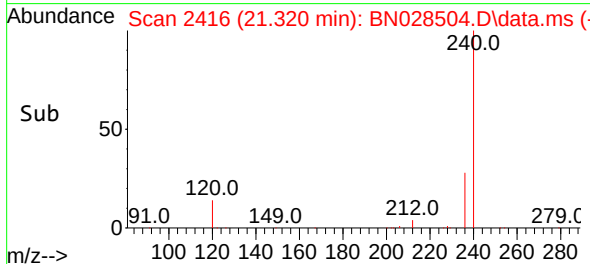
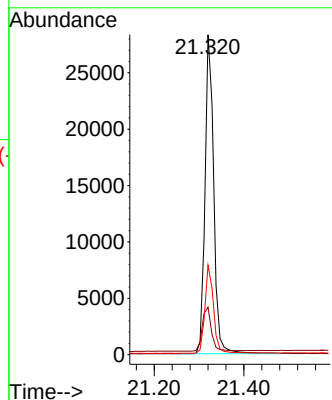
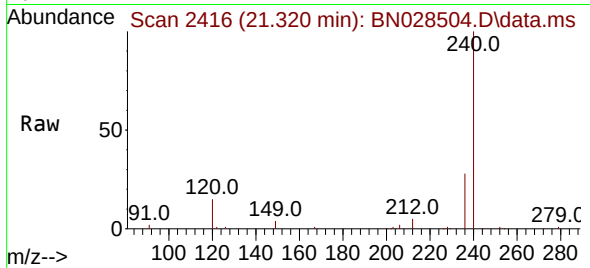




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.320 min Scan# 2417
Delta R.T. -0.009 min
Lab File: BN028504.D
Acq: 08 Nov 2023 17:56

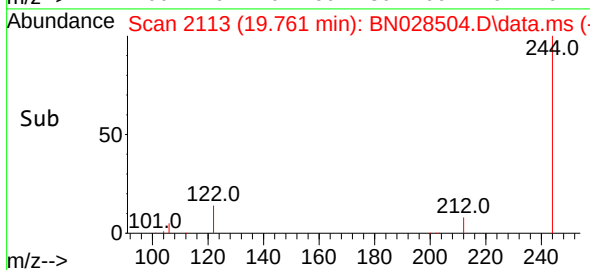
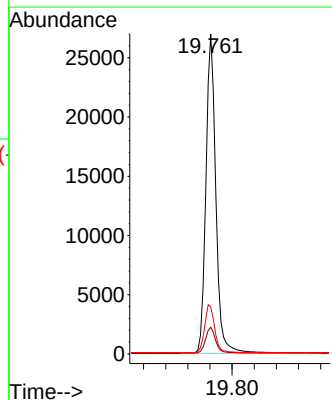
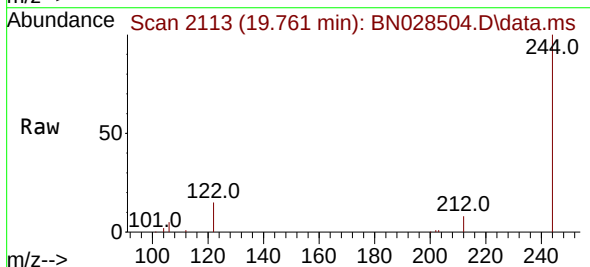
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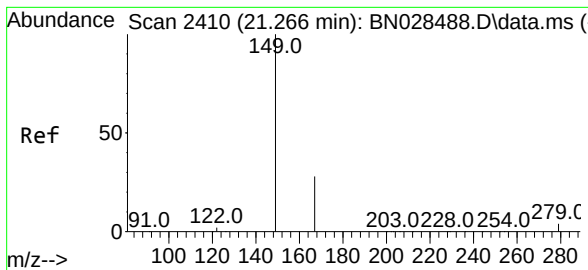
Tgt Ion:240 Resp: 38294
Ion Ratio Lower Upper
240 100
120 14.8 7.6 11.4#
236 28.0 21.9 32.9



#31
Terphenyl-d14
Concen: 0.331 ng
RT: 19.761 min Scan# 2113
Delta R.T. -0.005 min
Lab File: BN028504.D
Acq: 08 Nov 2023 17:56

Tgt Ion:244 Resp: 33673
Ion Ratio Lower Upper
244 100
212 8.3 6.6 9.8
122 14.7 11.4 17.2

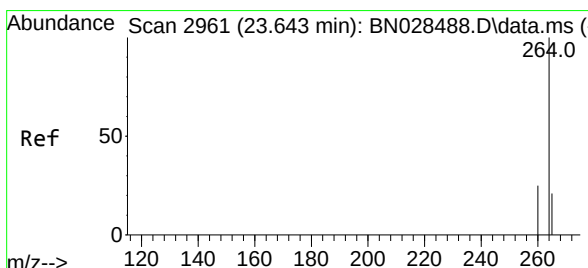
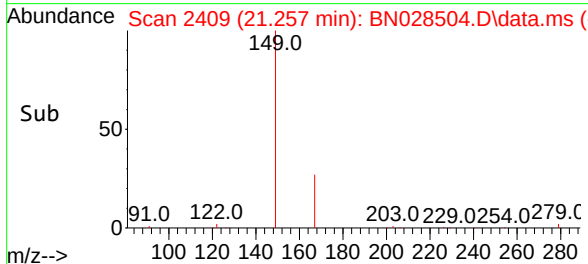
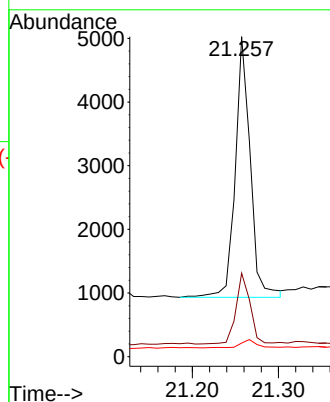
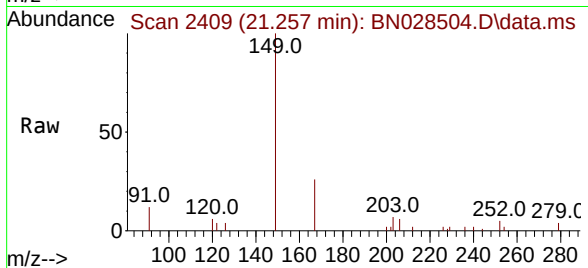




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.050 ng
 RT: 21.257 min Scan# 2410
 Delta R.T. -0.009 min
 Lab File: BN028504.D
 Acq: 08 Nov 2023 17:56

Instrument :
 BNA_N
 ClientSampleId :
 FB

Tgt Ion:149 Resp: 4953
 Ion Ratio Lower Upper
 149 100
 167 25.4 21.0 31.4
 279 3.6 2.6 3.8



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.637 min Scan# 2959
 Delta R.T. -0.006 min
 Lab File: BN028504.D
 Acq: 08 Nov 2023 17:56

Tgt Ion:264 Resp: 36035
 Ion Ratio Lower Upper
 264 100
 260 26.1 20.7 31.1
 265 36.7 31.6 47.4

