

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120623\
 Data File : BN029088.D
 Acq On : 07 Dec 2023 11:50
 Operator : MA/JU
 Sample : 05425-03
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 O-6(15-20)

Quant Time: Dec 07 12:22:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 00:49:47 2023
 Response via : Initial Calibration

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

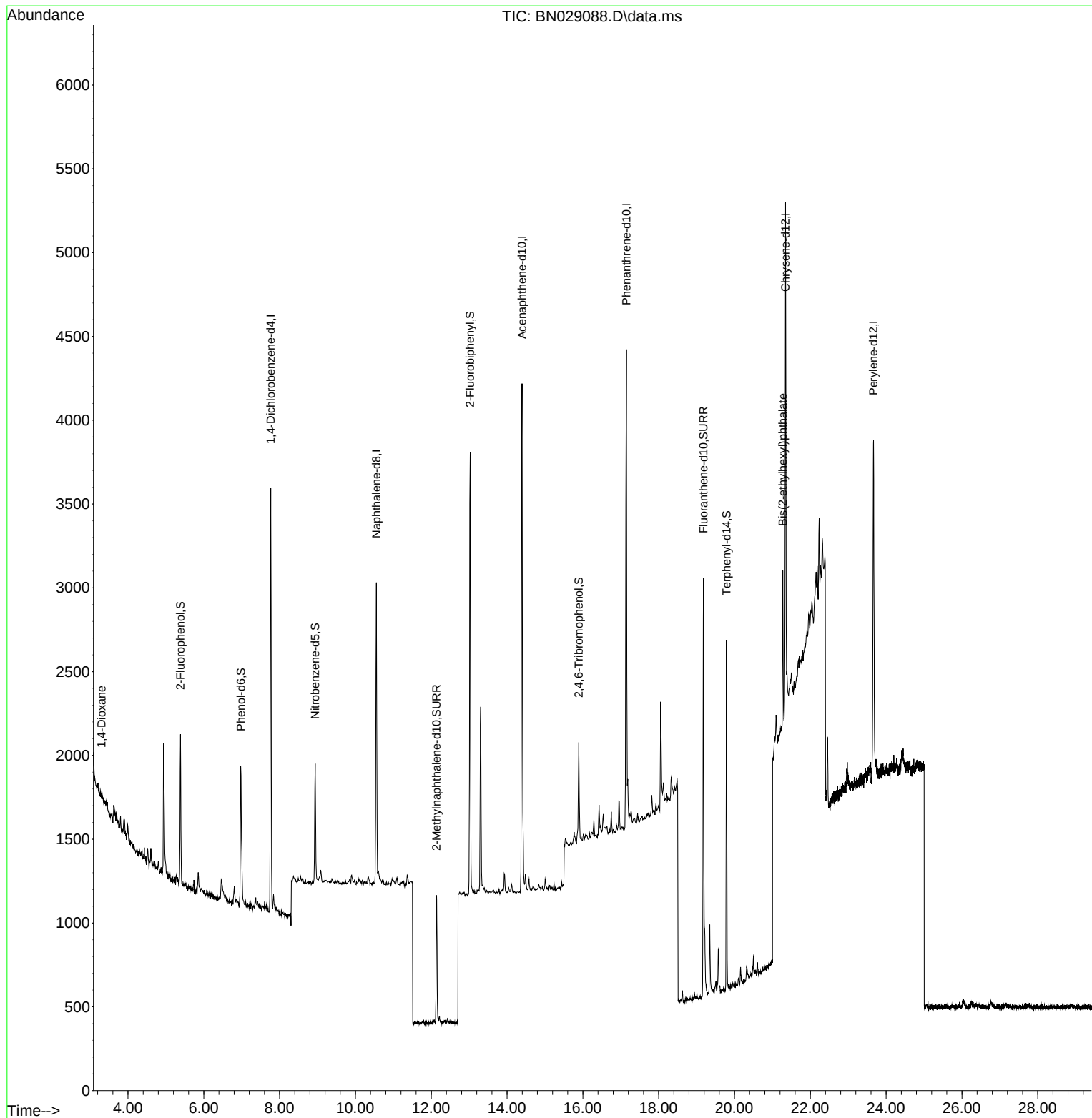
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.768	152	1232	0.400	ng	0.00
7) Naphthalene-d8	10.551	136	2466	0.400	ng	-0.01
13) Acenaphthene-d10	14.396	164	1860	0.400	ng	0.00
19) Phenanthrene-d10	17.146	188	4411	0.400	ng	0.00
29) Chrysene-d12	21.347	240	2775	0.400	ng	# 0.00
35) Perylene-d12	23.667	264	2728	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	686	0.246	ng	0.00
5) Phenol-d6	6.980	99	797	0.239	ng	0.00
8) Nitrobenzene-d5	8.939	82	732	0.246	ng	0.00
11) 2-Methylnaphthalene-d10	12.140	152	1073	0.207	ng	0.00
14) 2,4,6-Tribromophenol	15.893	330	377	0.184	ng	0.00
15) 2-Fluorobiphenyl	13.028	172	2473	0.257	ng	0.00
27) Fluoranthene-d10	19.181	212	3014	0.217	ng	0.00
31) Terphenyl-d14	19.789	244	1979	0.282	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.304	88	28	0.028	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.275	149	986	0.114	ng	# 91

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

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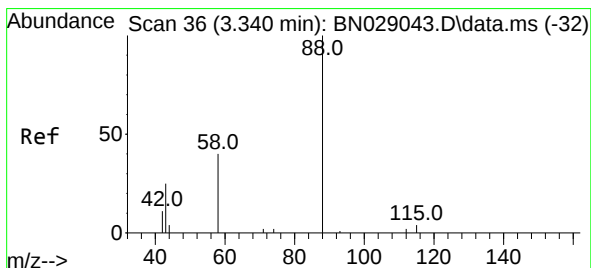
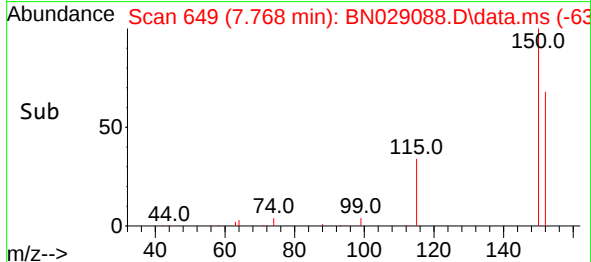
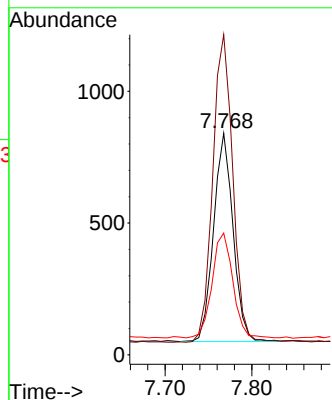
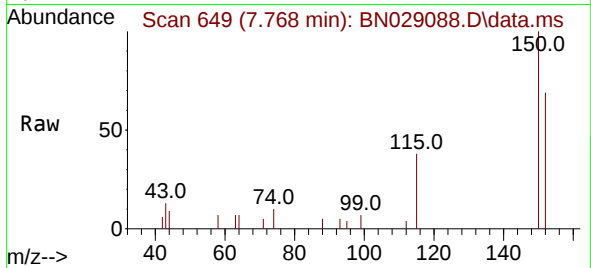




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.768 min Scan# 64
 Delta R.T. -0.007 min
 Lab File: BN029088.D
 Acq: 07 Dec 2023 11:50

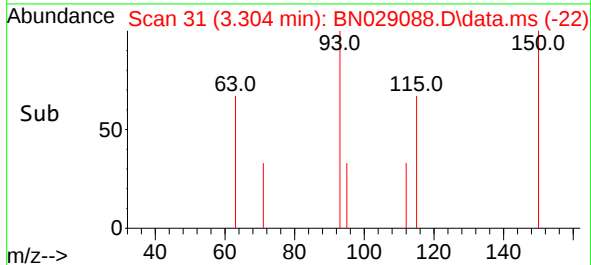
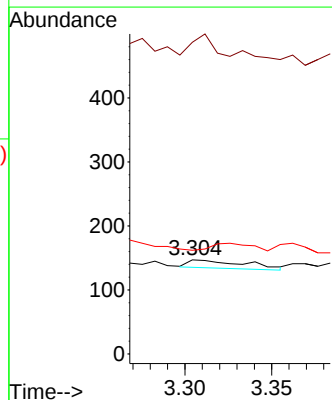
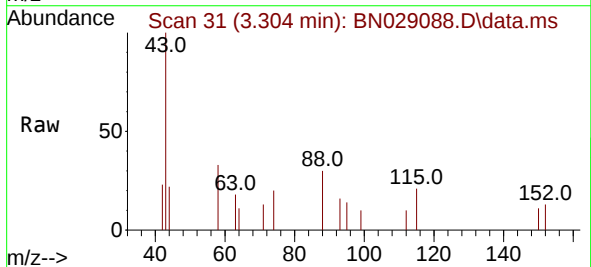
Instrument :
 BNA_N
 ClientSampleId :
 O-6(15-20)

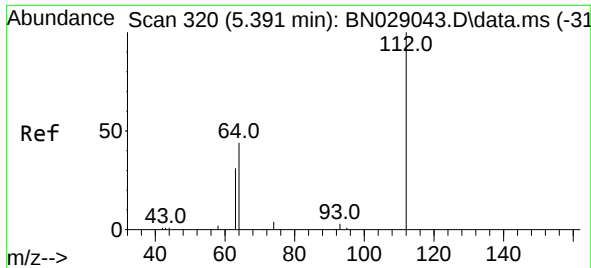
Tgt Ion:152 Resp: 1232
 Ion Ratio Lower Upper
 152 100
 150 144.5 116.2 174.4
 115 54.9 45.1 67.7



#2
 1,4-Dioxane
 Concen: 0.028 ng
 RT: 3.304 min Scan# 31
 Delta R.T. -0.036 min
 Lab File: BN029088.D
 Acq: 07 Dec 2023 11:50

Tgt Ion: 88 Resp: 28
 Ion Ratio Lower Upper
 88 100
 43 96.4 15.6 23.4#
 58 0.0 33.2 49.8#

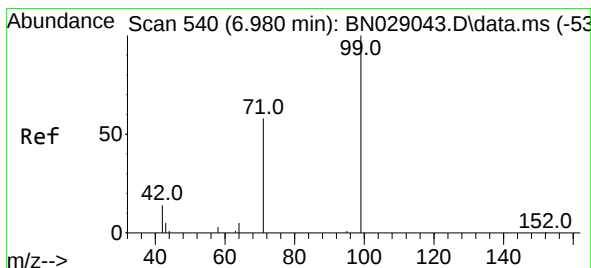
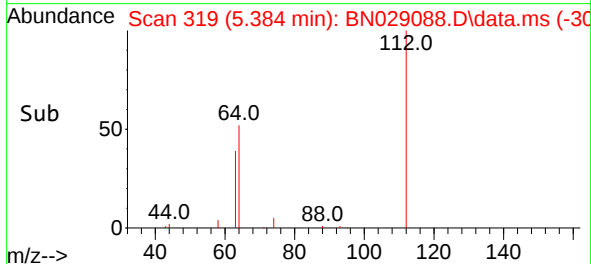
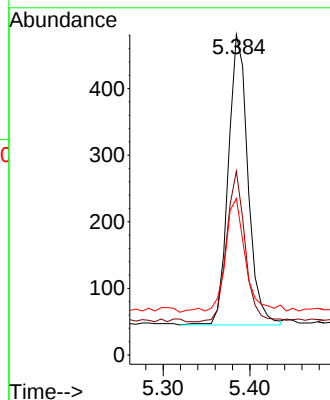
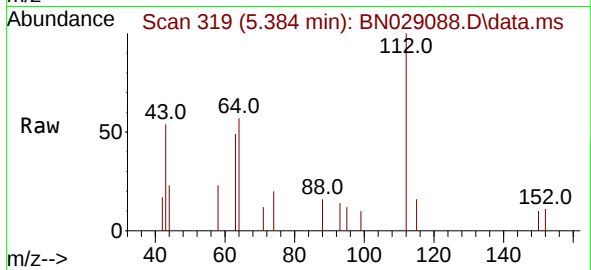




#4
2-Fluorophenol
Concen: 0.246 ng
RT: 5.384 min Scan# 319
Delta R.T. -0.007 min
Lab File: BN029088.D
Acq: 07 Dec 2023 11:50

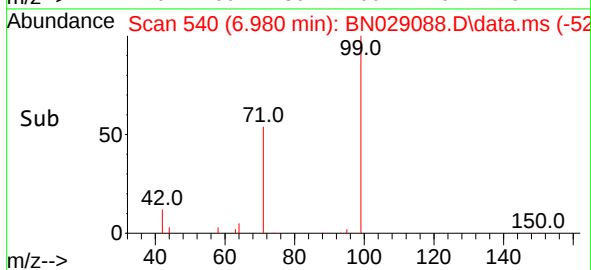
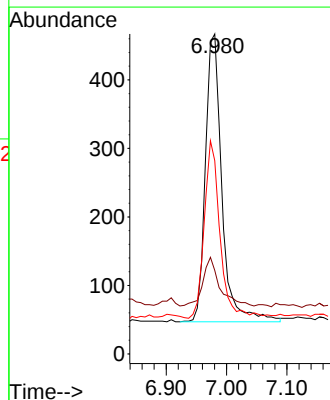
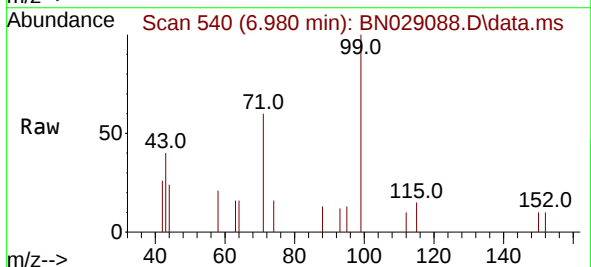
Instrument :
BNA_N
ClientSampleId :
O-6(15-20)

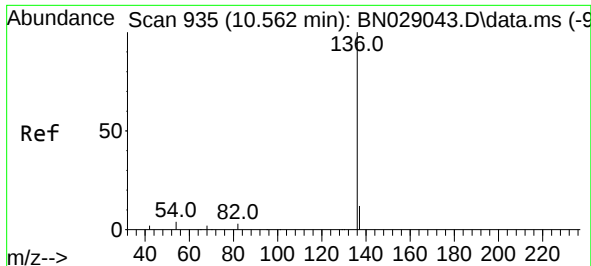
Tgt Ion:	112	Resp:	686
Ion	Ratio	Lower	Upper
112	100		
64	48.8	37.0	55.6
63	41.4	29.0	43.6



#5
Phenol-d6
Concen: 0.239 ng
RT: 6.980 min Scan# 540
Delta R.T. 0.000 min
Lab File: BN029088.D
Acq: 07 Dec 2023 11:50

Tgt Ion:	99	Resp:	797
Ion	Ratio	Lower	Upper
99	100		
42	17.2	13.4	20.2
71	59.6	47.8	71.6

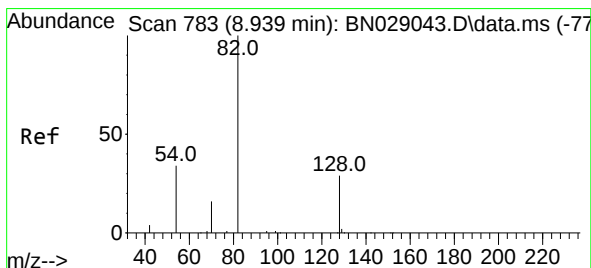
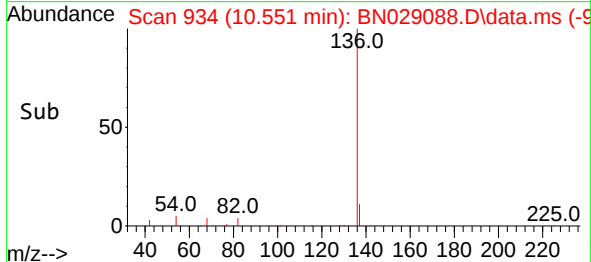
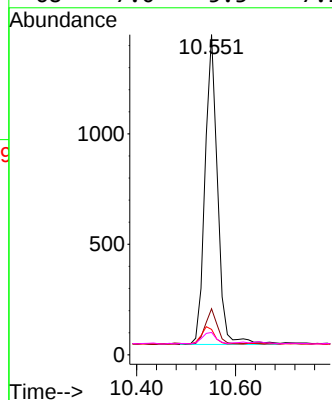
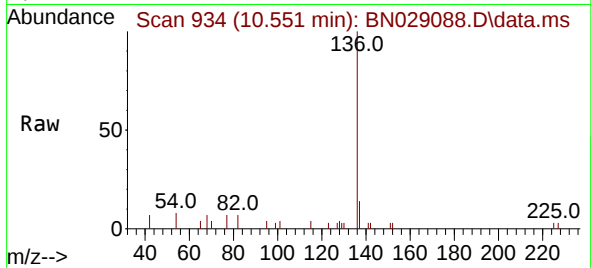




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.551 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN029088.D
Acq: 07 Dec 2023 11:50

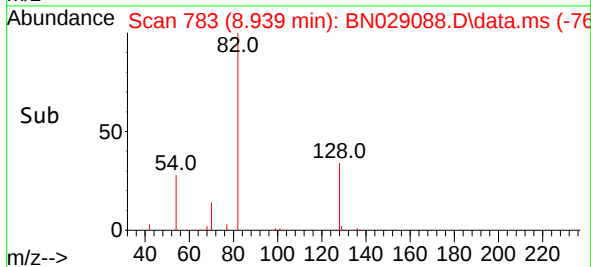
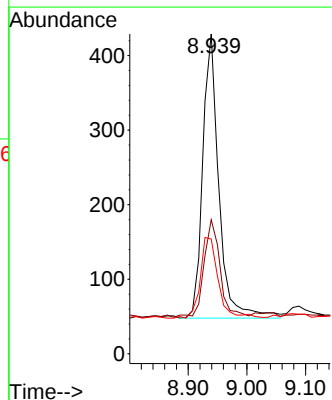
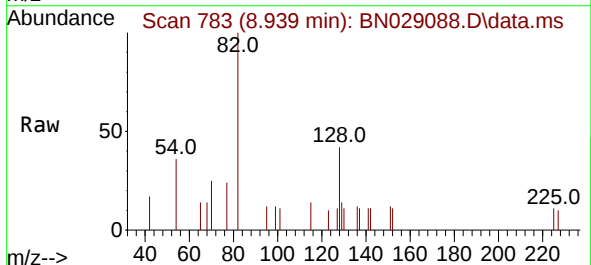
Instrument :
BNA_N
ClientSampleId :
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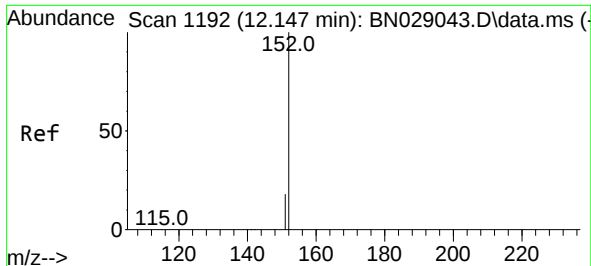
Tgt Ion:	136	Resp:	2466
Ion	Ratio	Lower	Upper
136	100		
137	14.4	11.9	17.9
54	7.9	6.4	9.6
68	7.0	5.3	7.9



#8
Nitrobenzene-d5
Concen: 0.246 ng
RT: 8.939 min Scan# 783
Delta R.T. 0.000 min
Lab File: BN029088.D
Acq: 07 Dec 2023 11:50

Tgt Ion:	82	Resp:	732
Ion	Ratio	Lower	Upper
82	100		
128	42.0	28.2	42.4
54	35.9	32.1	48.1

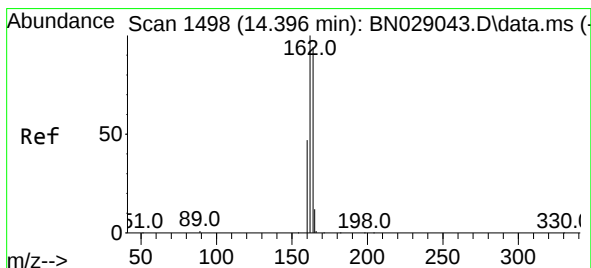
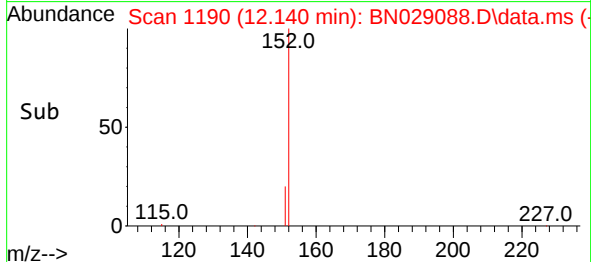
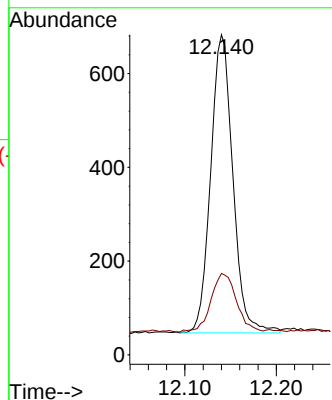
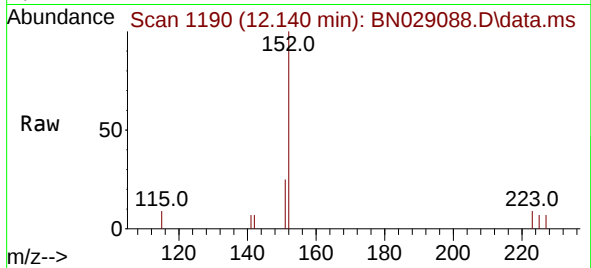




#11
2-Methylnaphthalene-d10
Concen: 0.207 ng
RT: 12.140 min Scan# 1192
Delta R.T. -0.008 min
Lab File: BN029088.D
Acq: 07 Dec 2023 11:50

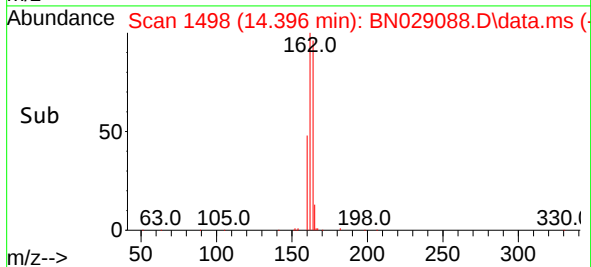
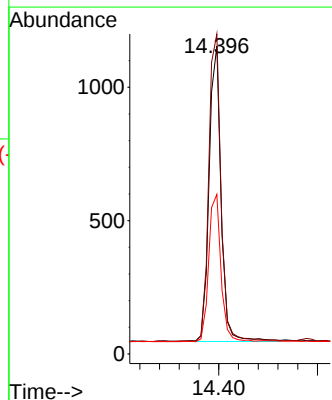
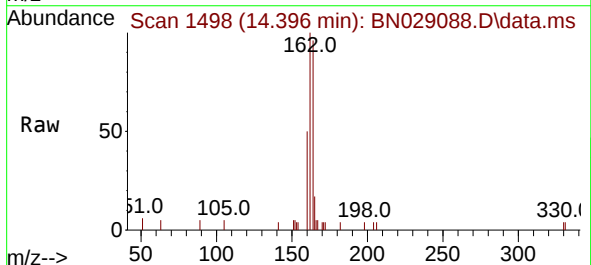
Instrument :
BNA_N
ClientSampleId :
O-6(15-20)

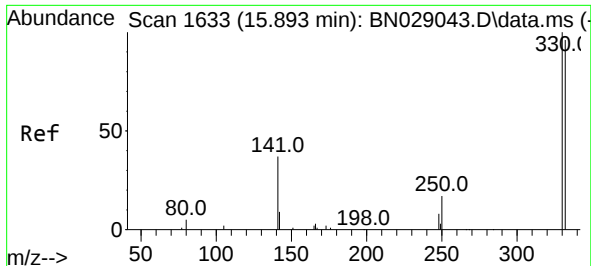
Tgt Ion:152 Resp: 1073
Ion Ratio Lower Upper
152 100
151 22.5 17.4 26.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.396 min Scan# 1498
Delta R.T. 0.000 min
Lab File: BN029088.D
Acq: 07 Dec 2023 11:50

Tgt Ion:164 Resp: 1860
Ion Ratio Lower Upper
164 100
162 103.9 85.0 127.6
160 51.8 41.3 61.9

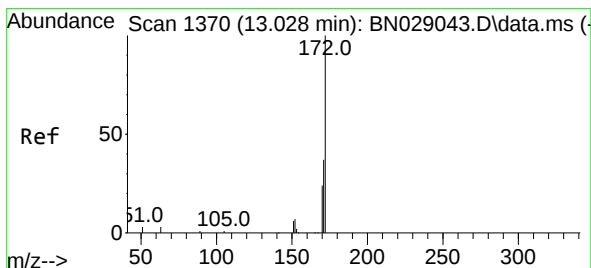
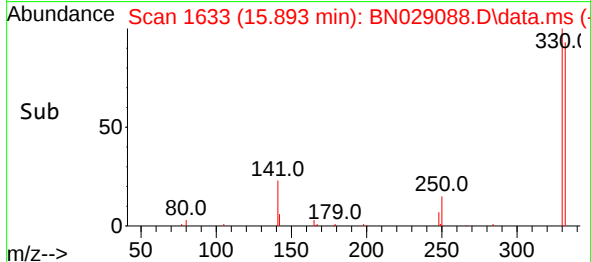
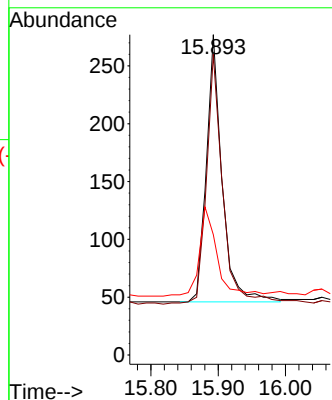
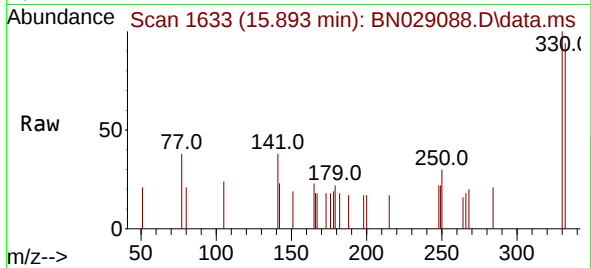




#14
2,4,6-Tribromophenol
Concen: 0.184 ng
RT: 15.893 min Scan# 1633
Delta R.T. 0.000 min
Lab File: BN029088.D
Acq: 07 Dec 2023 11:50

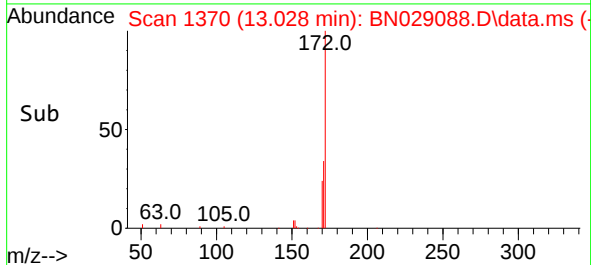
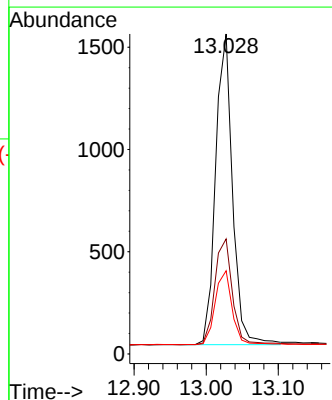
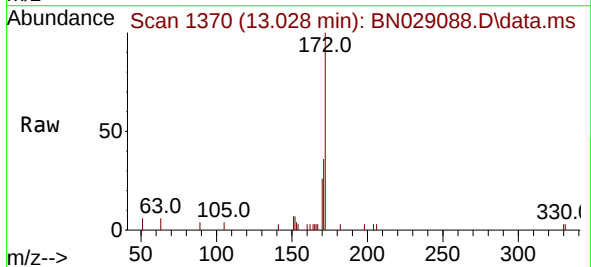
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ClientSampleId :
O-6(15-20)

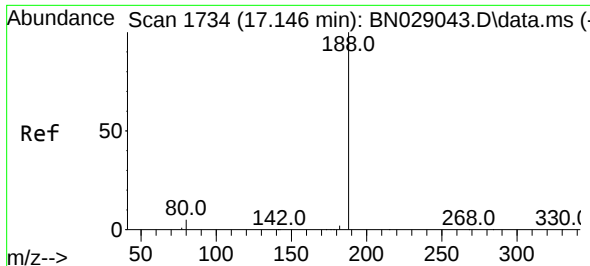
Tgt Ion: 330 Resp: 377
Ion Ratio Lower Upper
330 100
332 97.1 78.8 118.2
141 37.1 28.7 43.1



#15
2-Fluorobiphenyl
Concen: 0.257 ng
RT: 13.028 min Scan# 1370
Delta R.T. 0.000 min
Lab File: BN029088.D
Acq: 07 Dec 2023 11:50

Tgt Ion: 172 Resp: 2473
Ion Ratio Lower Upper
172 100
171 36.0 30.1 45.1
170 26.0 20.3 30.5

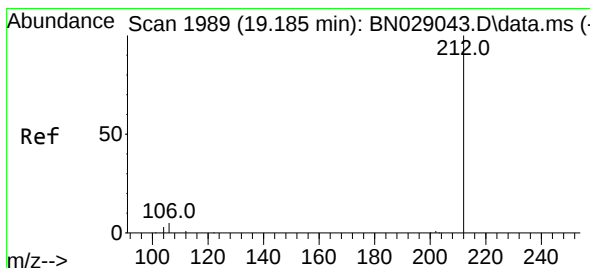
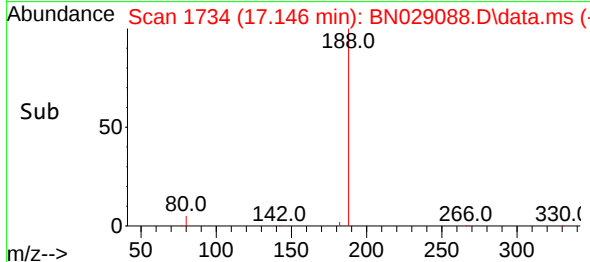
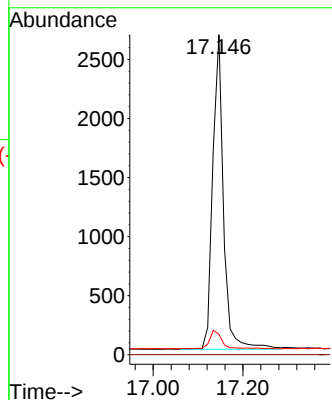
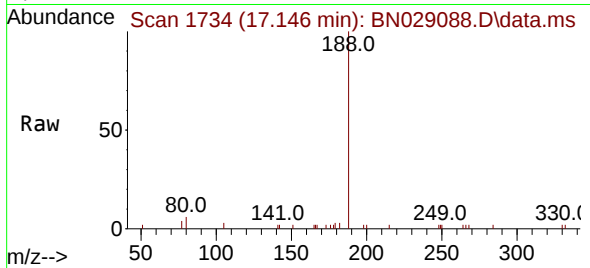




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.146 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN029088.D
Acq: 07 Dec 2023 11:50

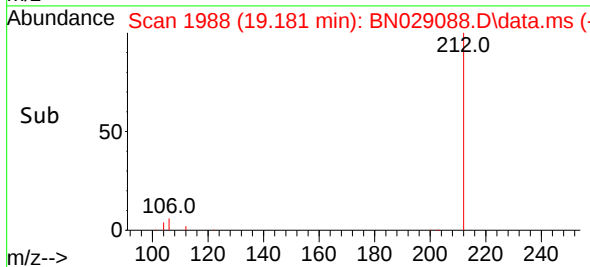
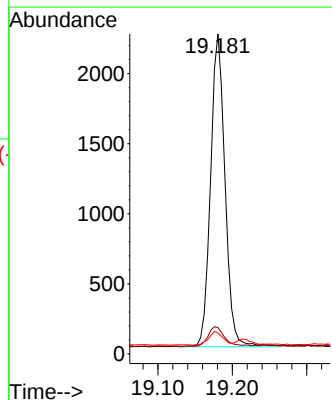
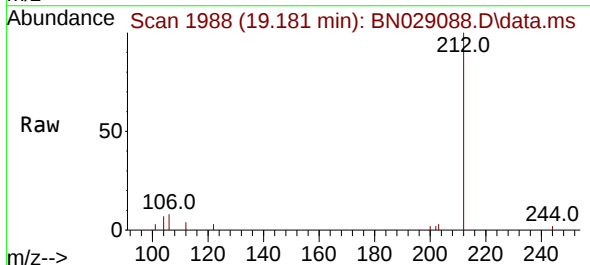
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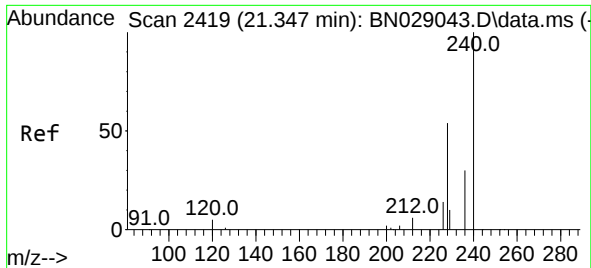
Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.4	5.4	8.0



#27
Fluoranthene-d10
Concen: 0.217 ng
RT: 19.181 min Scan# 1988
Delta R.T. -0.005 min
Lab File: BN029088.D
Acq: 07 Dec 2023 11:50

Tgt Ion	Ratio	Lower	Upper
212	100		
106	7.2	3.9	5.9#
104	4.2	2.6	3.8#

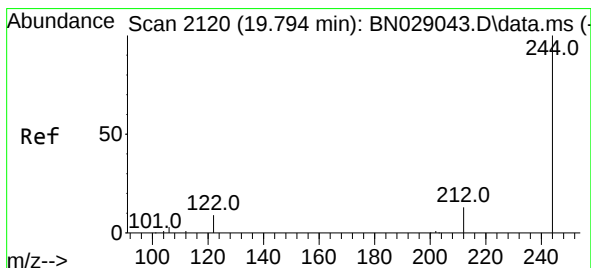
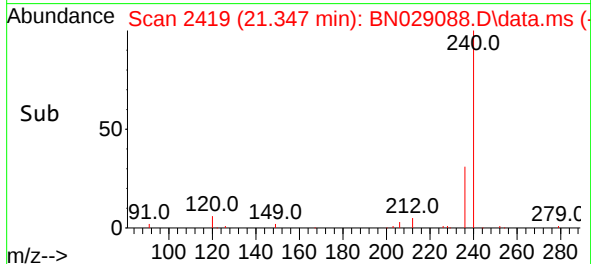
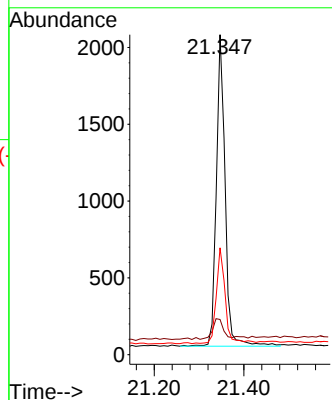
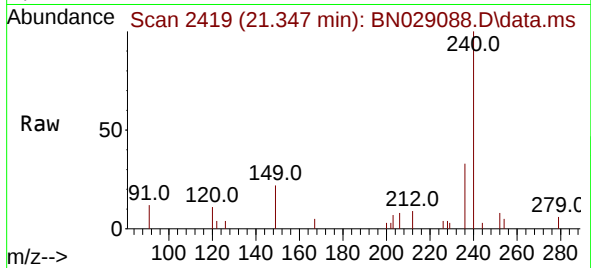




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.347 min Scan# 2419
Delta R.T. 0.000 min
Lab File: BN029088.D
Acq: 07 Dec 2023 11:50

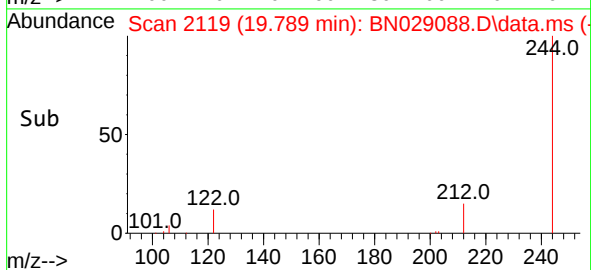
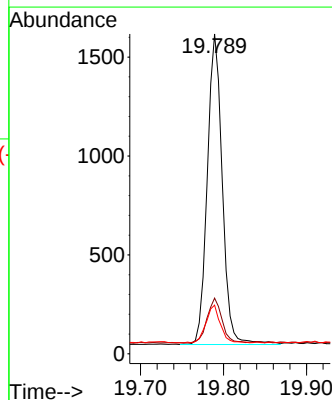
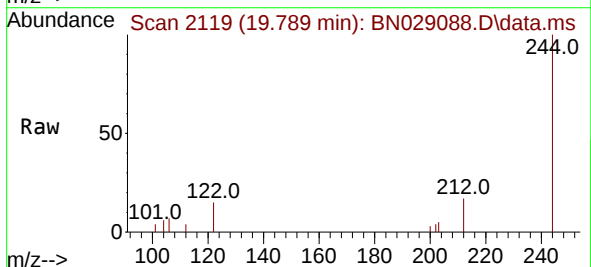
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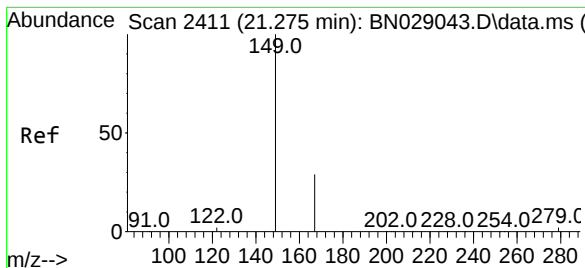
Tgt Ion:240 Resp: 2775
Ion Ratio Lower Upper
240 100
120 11.0 6.7 10.1#
236 33.4 25.7 38.5



#31
Terphenyl-d14
Concen: 0.282 ng
RT: 19.789 min Scan# 2119
Delta R.T. -0.005 min
Lab File: BN029088.D
Acq: 07 Dec 2023 11:50

Tgt Ion:244 Resp: 1979
Ion Ratio Lower Upper
244 100
212 17.4 11.6 17.4#
122 15.2 8.2 12.4#

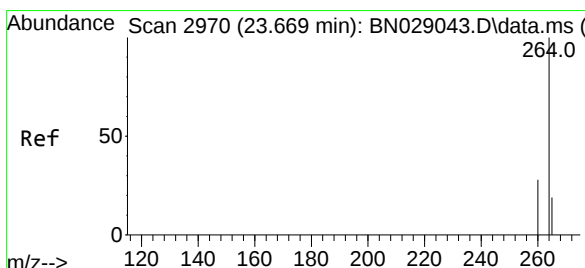
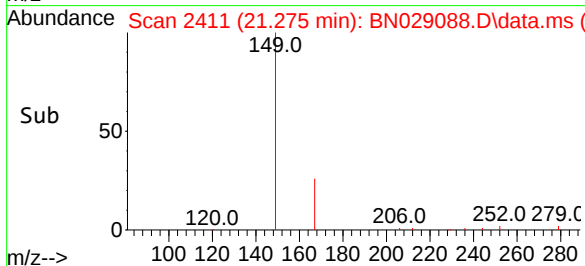
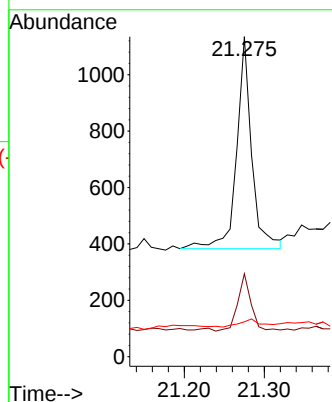
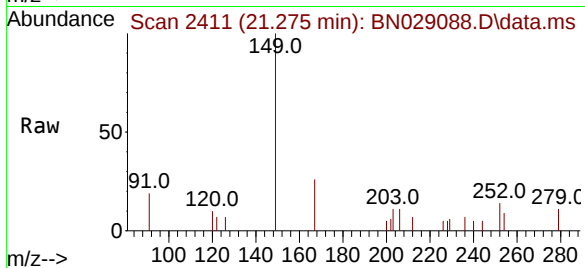




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.114 ng
 RT: 21.275 min Scan# 2411
 Delta R.T. 0.000 min
 Lab File: BN029088.D
 Acq: 07 Dec 2023 11:50

Instrument :
 BNA_N
 ClientSampleId :
 O-6(15-20)

Tgt Ion:149 Resp: 986
 Ion Ratio Lower Upper
 149 100
 167 23.7 23.4 35.2
 279 5.3 3.4 5.2#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.667 min Scan# 2969
 Delta R.T. -0.003 min
 Lab File: BN029088.D
 Acq: 07 Dec 2023 11:50

Tgt Ion:264 Resp: 2728
 Ion Ratio Lower Upper
 264 100
 260 31.2 23.9 35.9
 265 84.2 52.7 79.1#

