

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110823\
 Data File : BN028497.D
 Acq On : 08 Nov 2023 12:57
 Operator : MA/JU
 Sample : PB156825BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB156825BL

Quant Time: Nov 08 14:11:04 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	7.703	152	13253	0.400	ng	-0.01
7) Naphthalene-d8	10.498	136	38659	0.400	ng	-0.01
13) Acenaphthene-d10	14.353	164	21278	0.400	ng	-0.01
19) Phenanthrene-d10	17.109	188	51700	0.400	ng	0.00
29) Chrysene-d12	21.329	240	40107	0.400	ng	0.00
35) Perylene-d12	23.643	264	42870	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.283	112	15192	0.383	ng	0.00
5) Phenol-d6	6.879	99	18409	0.361	ng	0.00
8) Nitrobenzene-d5	8.854	82	10926	0.317	ng	-0.01
11) 2-Methylnaphthalene-d10	12.095	152	23381	0.349	ng	0.00
14) 2,4,6-Tribromophenol	15.855	330	3249	0.272	ng	0.00
15) 2-Fluorobiphenyl	12.985	172	31675	0.339	ng	0.00
27) Fluoranthene-d10	19.153	212	57572	0.365	ng	0.00
31) Terphenyl-d14	19.766	244	39026	0.366	ng	0.00

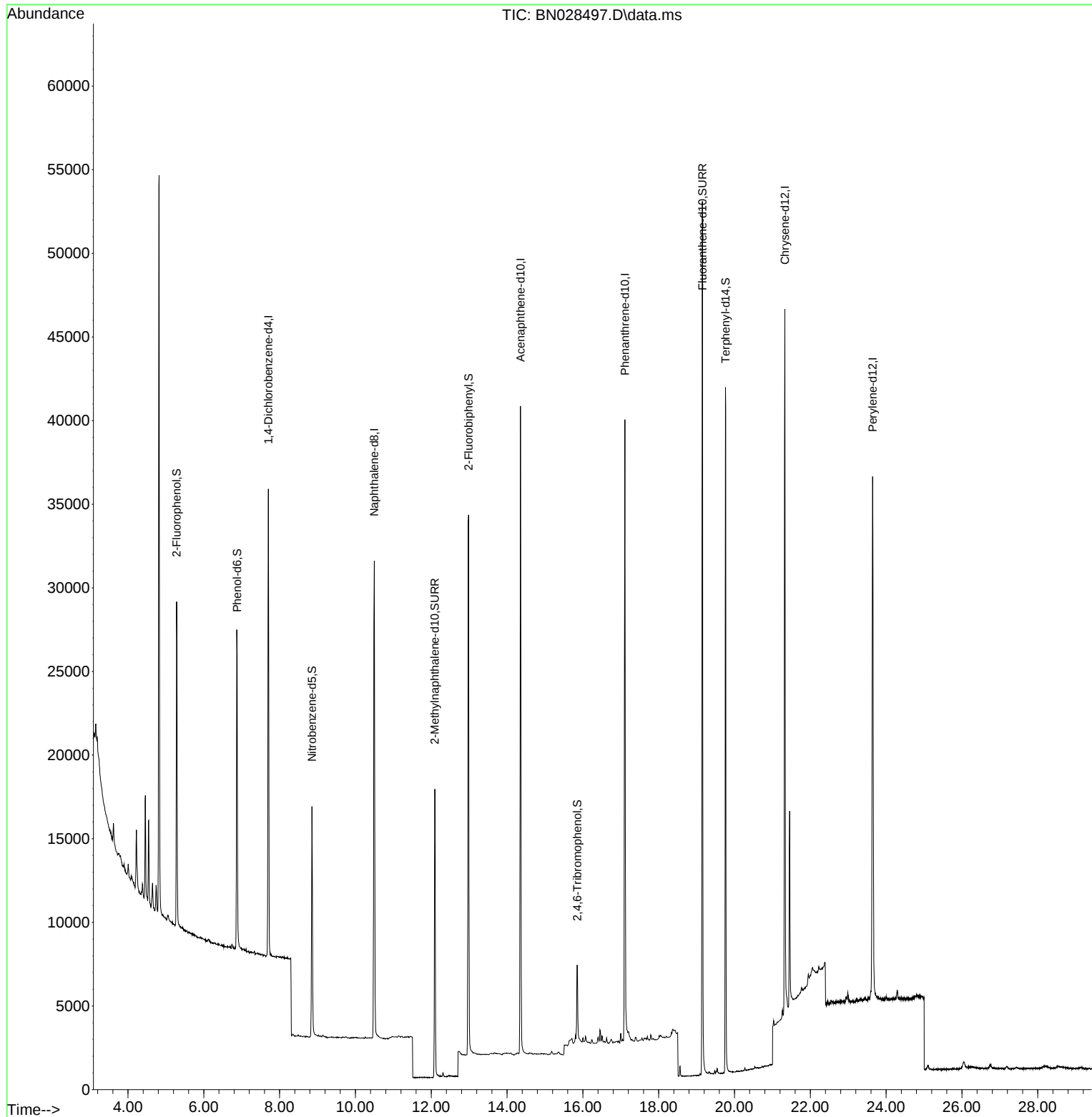
Target Compounds Qvalue

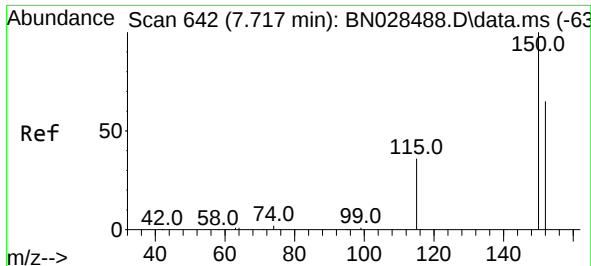
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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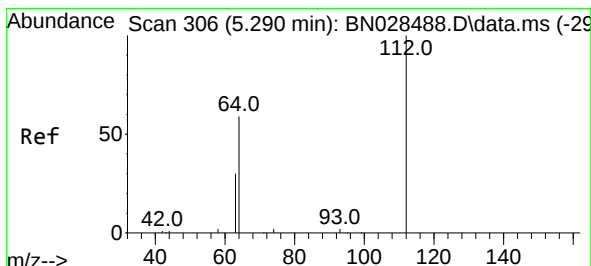
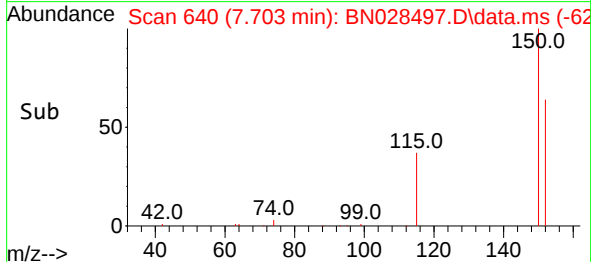
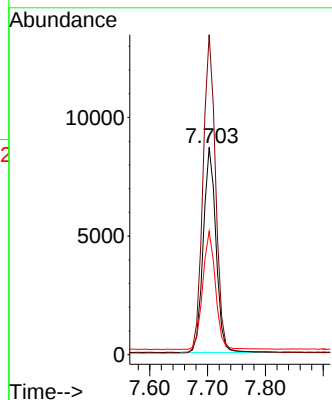
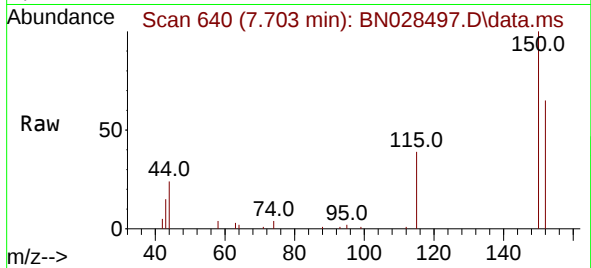




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.703 min Scan# 64
 Delta R.T. -0.014 min
 Lab File: BN028497.D
 Acq: 08 Nov 2023 12:57

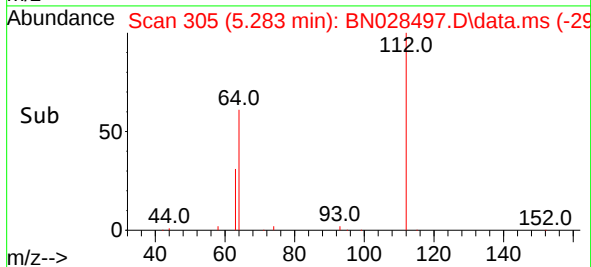
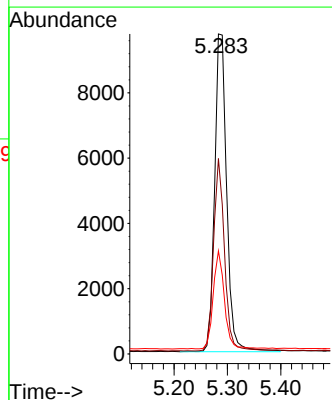
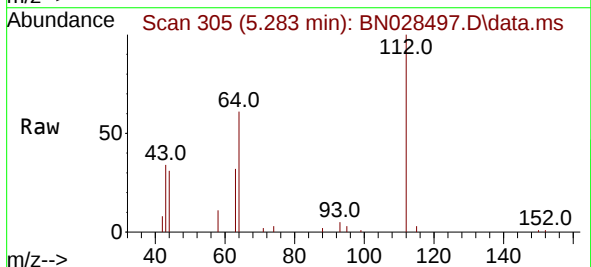
Instrument :
 BNA_N
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 PB156825BL

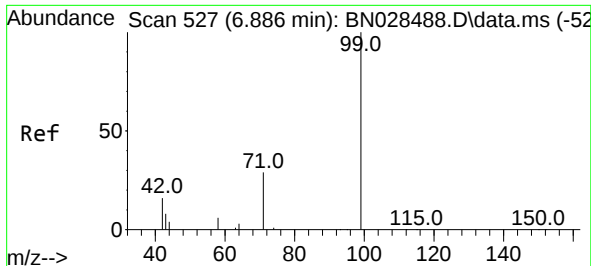
Tgt Ion:152 Resp: 13253
 Ion Ratio Lower Upper
 152 100
 150 154.4 122.5 183.7
 115 59.5 47.5 71.3



#4
 2-Fluorophenol
 Concen: 0.383 ng
 RT: 5.283 min Scan# 305
 Delta R.T. -0.007 min
 Lab File: BN028497.D
 Acq: 08 Nov 2023 12:57

Tgt Ion:112 Resp: 15192
 Ion Ratio Lower Upper
 112 100
 64 55.9 44.6 67.0
 63 29.0 23.3 34.9

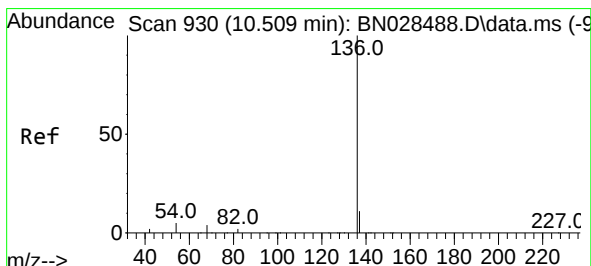
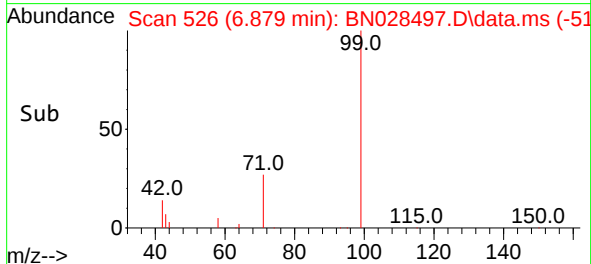
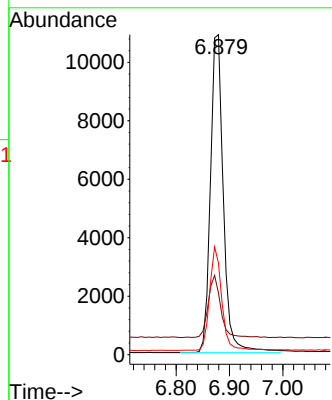
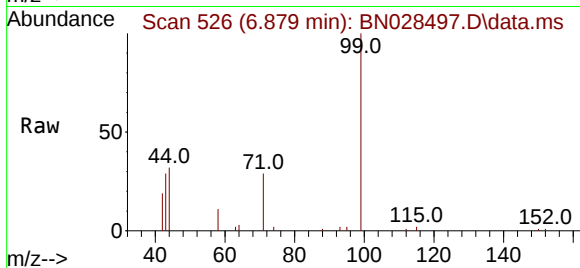




#5
Phenol-d6
Concen: 0.361 ng
RT: 6.879 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN028497.D
Acq: 08 Nov 2023 12:57

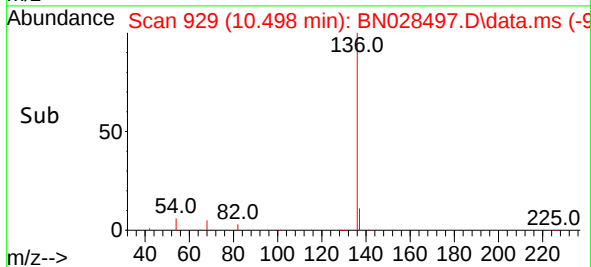
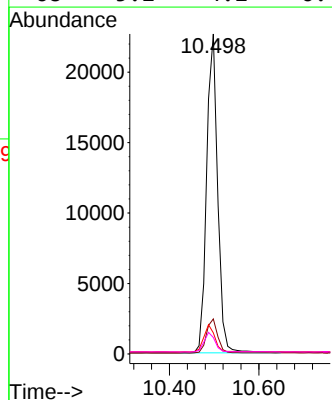
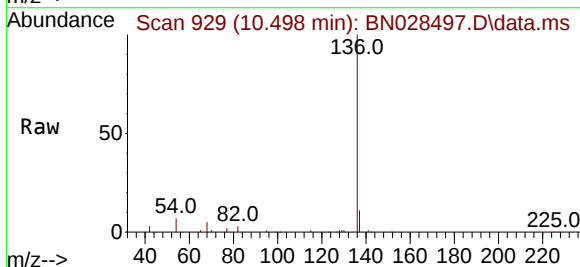
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BNA_N
ClientSampleId :
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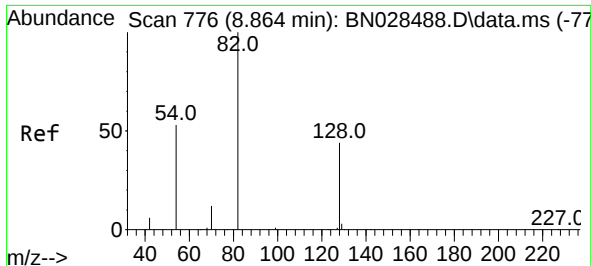
Tgt Ion: 99 Resp: 18409
Ion Ratio Lower Upper
99 100
42 18.8 15.8 23.8
71 30.8 25.1 37.7



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.498 min Scan# 929
Delta R.T. -0.011 min
Lab File: BN028497.D
Acq: 08 Nov 2023 12:57

Tgt Ion: 136 Resp: 38659
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 6.6 5.1 7.7
68 5.2 4.2 6.4

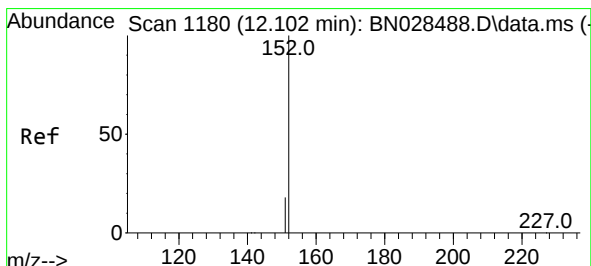
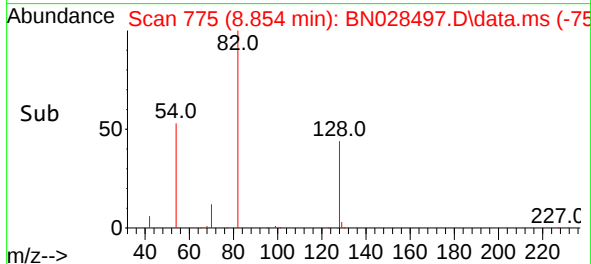
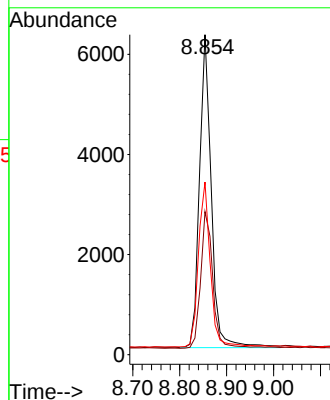
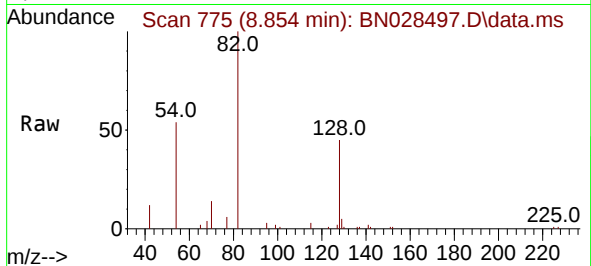




#8
Nitrobenzene-d5
Concen: 0.317 ng
RT: 8.854 min Scan# 71
Delta R.T. -0.011 min
Lab File: BN028497.D
Acq: 08 Nov 2023 12:57

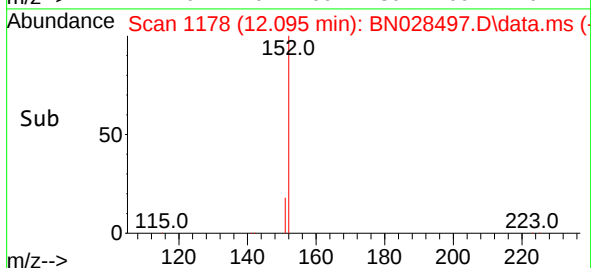
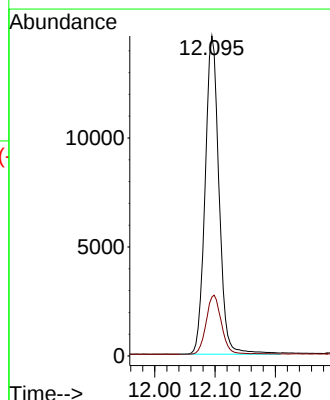
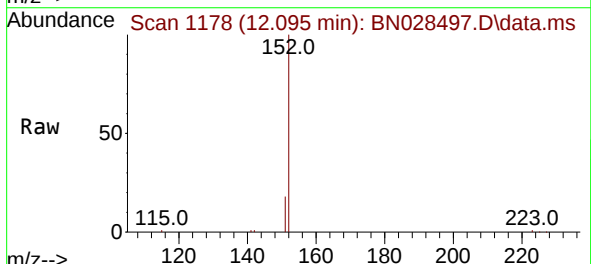
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ClientSampleId :
PB156825BL

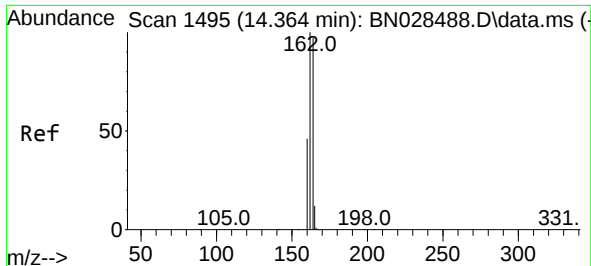
Tgt Ion: 82 Resp: 10926
Ion Ratio Lower Upper
82 100
128 44.7 36.5 54.7
54 53.9 43.8 65.8



#11
2-Methylnaphthalene-d10
Concen: 0.349 ng
RT: 12.095 min Scan# 1178
Delta R.T. -0.007 min
Lab File: BN028497.D
Acq: 08 Nov 2023 12:57

Tgt Ion: 152 Resp: 23381
Ion Ratio Lower Upper
152 100
151 20.3 16.1 24.1

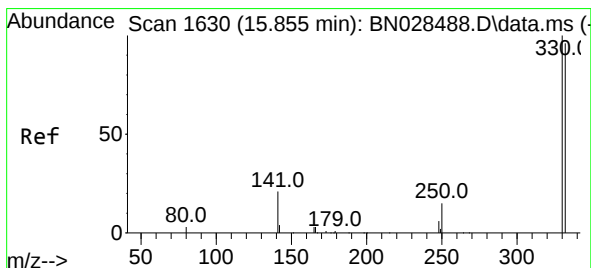
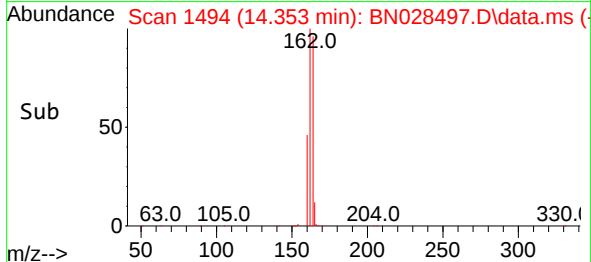
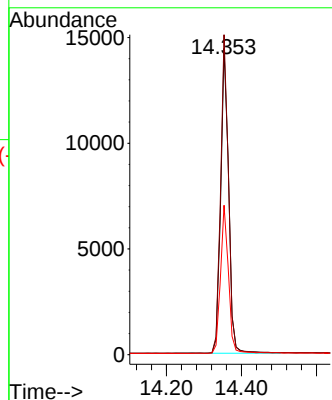
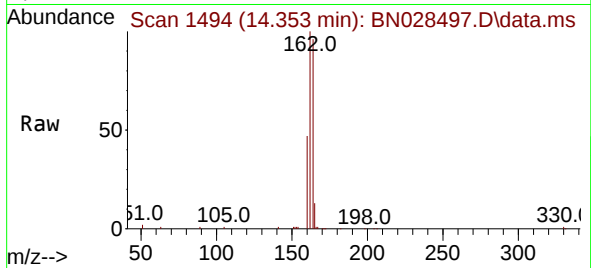




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.353 min Scan# 1494
Delta R.T. -0.011 min
Lab File: BN028497.D
Acq: 08 Nov 2023 12:57

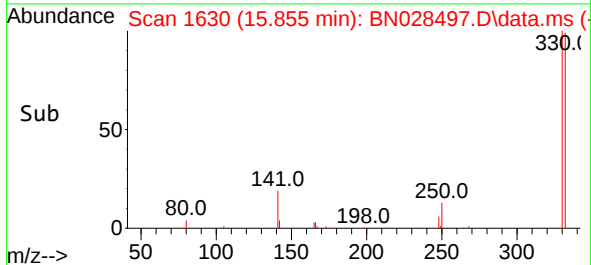
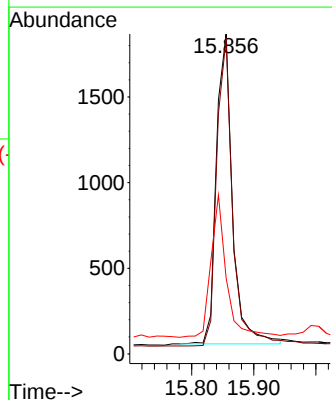
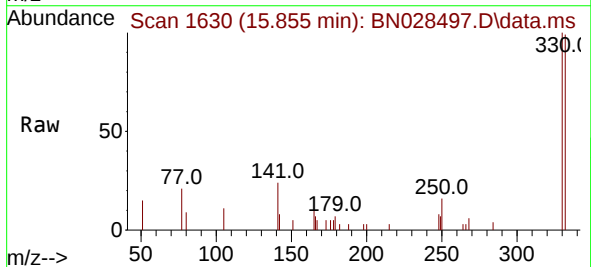
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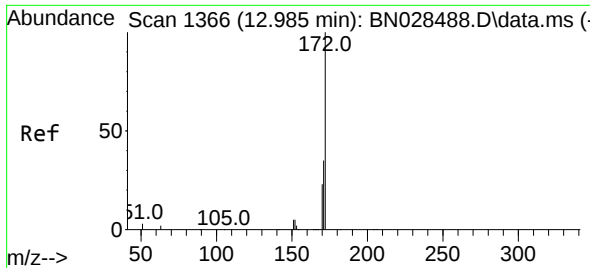
Tgt Ion:164 Resp: 21278
Ion Ratio Lower Upper
164 100
162 104.5 82.5 123.7
160 48.8 38.1 57.1



#14
2,4,6-Tribromophenol
Concen: 0.272 ng
RT: 15.855 min Scan# 1630
Delta R.T. 0.000 min
Lab File: BN028497.D
Acq: 08 Nov 2023 12:57

Tgt Ion:330 Resp: 3249
Ion Ratio Lower Upper
330 100
332 98.2 77.0 115.4
141 44.5 32.6 49.0

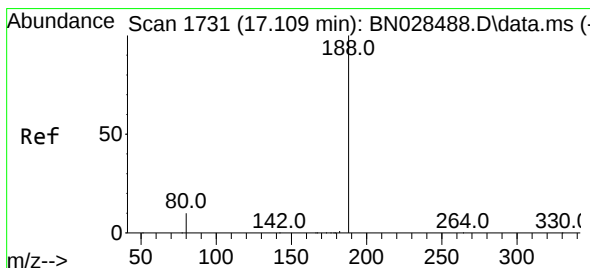
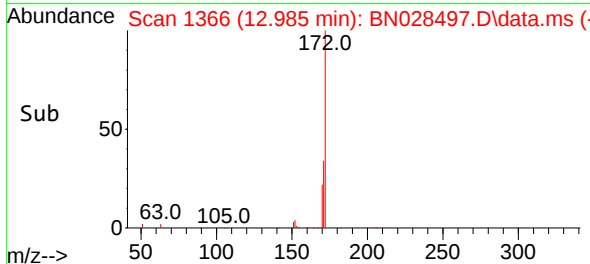
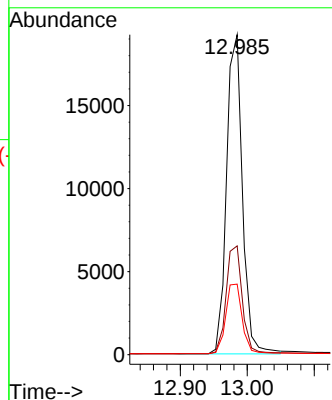
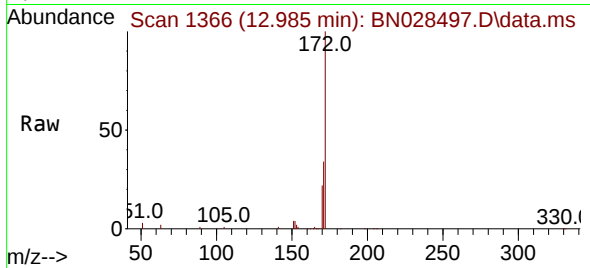




#15
2-Fluorobiphenyl
Concen: 0.339 ng
RT: 12.985 min Scan# 1366
Delta R.T. 0.000 min
Lab File: BN028497.D
Acq: 08 Nov 2023 12:57

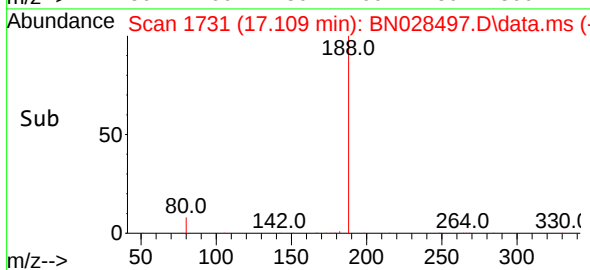
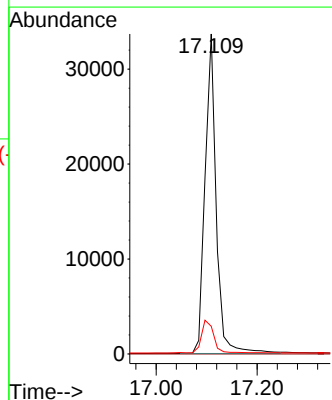
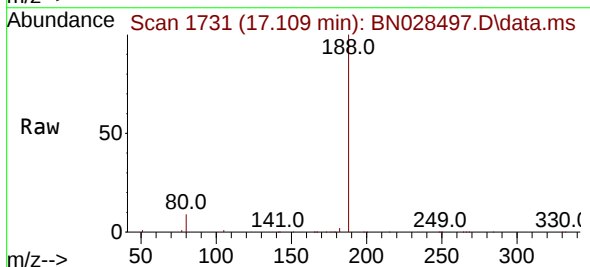
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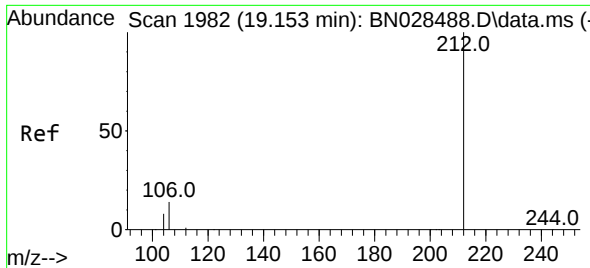
Tgt Ion:172 Resp: 31675
Ion Ratio Lower Upper
172 100
171 34.0 27.9 41.9
170 22.0 18.9 28.3



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.109 min Scan# 1731
Delta R.T. 0.000 min
Lab File: BN028497.D
Acq: 08 Nov 2023 12:57

Tgt Ion:188 Resp: 51700
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.7 8.3 12.5

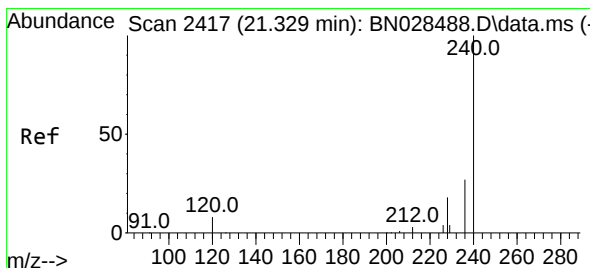
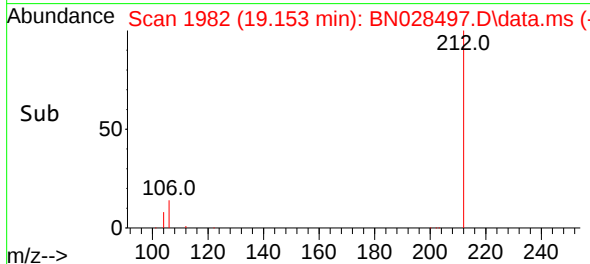
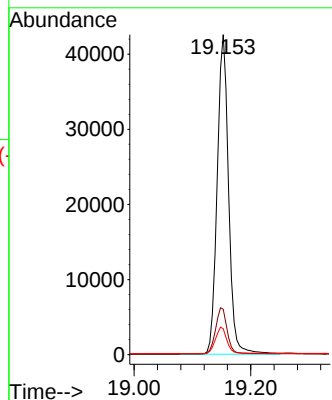
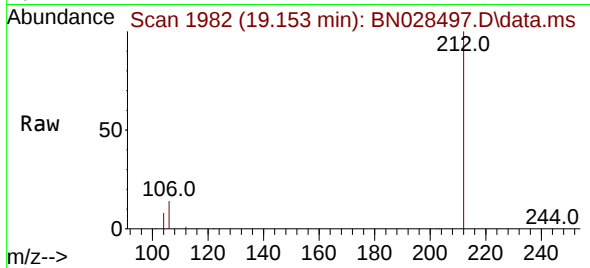




#27
Fluoranthene-d10
Concen: 0.365 ng
RT: 19.153 min Scan# 1982
Delta R.T. 0.000 min
Lab File: BN028497.D
Acq: 08 Nov 2023 12:57

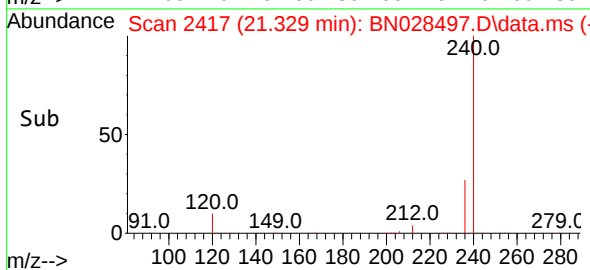
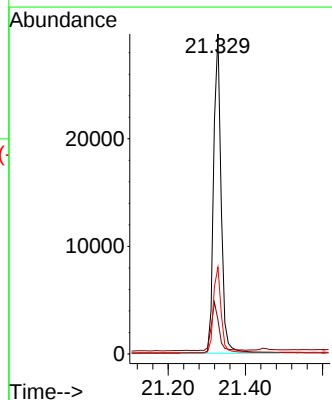
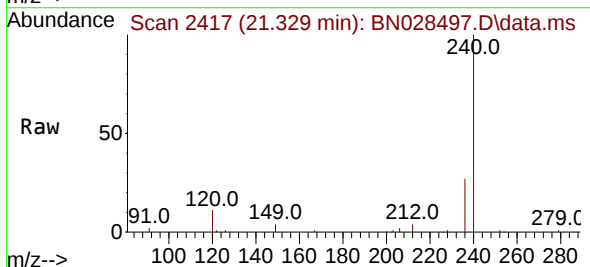
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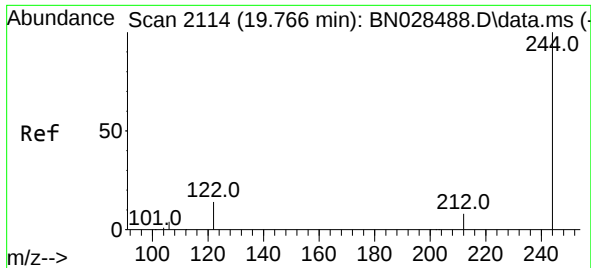
Tgt Ion:212 Resp: 57572
Ion Ratio Lower Upper
212 100
106 14.8 11.5 17.3
104 8.4 6.4 9.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.329 min Scan# 2417
Delta R.T. 0.000 min
Lab File: BN028497.D
Acq: 08 Nov 2023 12:57

Tgt Ion:240 Resp: 40107
Ion Ratio Lower Upper
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120 10.6 7.6 11.4
236 27.1 21.9 32.9

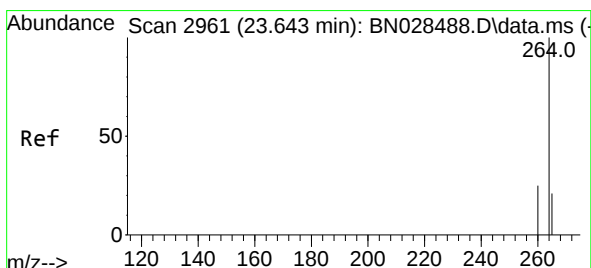
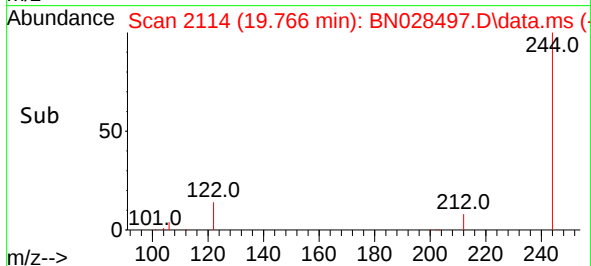
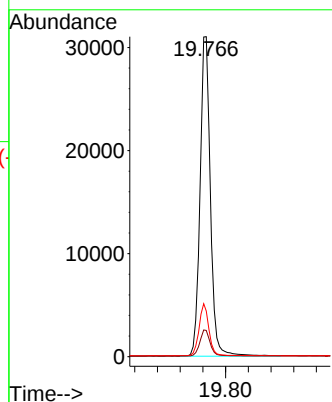
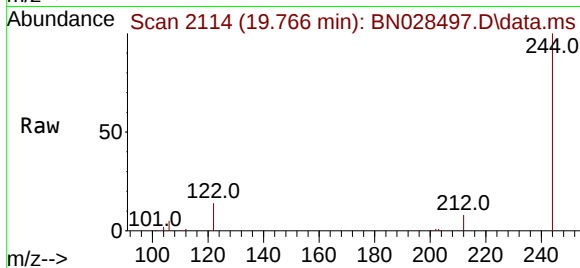




#31
 Terphenyl-d14
 Concen: 0.366 ng
 RT: 19.766 min Scan# 2114
 Delta R.T. 0.000 min
 Lab File: BN028497.D
 Acq: 08 Nov 2023 12:57

Instrument :
 BNA_N
 ClientSampleId :
 PB156825BL

Tgt Ion:244 Resp: 39026
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.6 9.8
 122 14.3 11.4 17.2



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.643 min Scan# 2961
 Delta R.T. 0.000 min
 Lab File: BN028497.D
 Acq: 08 Nov 2023 12:57

Tgt Ion:264 Resp: 42870
 Ion Ratio Lower Upper
 264 100
 260 25.6 20.7 31.1
 265 35.5 31.6 47.4

